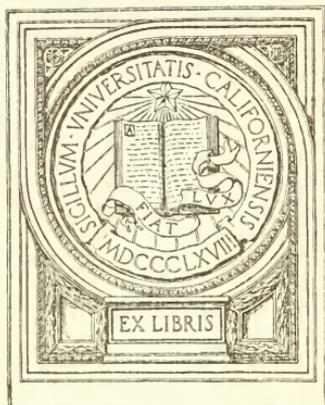


INCIDENTS AND CASES OF  
THE UNITED STATES  
ABSTRACT



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BUREAU OF THE CENSUS

E. DANA DURAND, DIRECTOR

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# THIRTEENTH CENSUS

OF THE

# UNITED STATES

TAKEN IN THE YEAR 1910

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## ABSTRACT OF THE CENSUS

STATISTICS OF POPULATION, AGRICULTURE, MANUFACTURES, AND MINING  
FOR THE UNITED STATES, THE STATES, AND PRINCIPAL CITIES

WITH

## SUPPLEMENT FOR CALIFORNIA

CONTAINING STATISTICS FOR THE STATE  
COUNTIES, CITIES, AND OTHER DIVISIONS



WASHINGTON  
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1913

ORGANIZATION OF THE BUREAU OF THE CENSUS  
DURING THE THIRTEENTH DECENNIAL CENSUS : 1909-1912



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CHARLES S. SLOANE

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## LETTER OF TRANSMITTAL.

DEPARTMENT OF COMMERCE AND LABOR,  
BUREAU OF THE CENSUS,

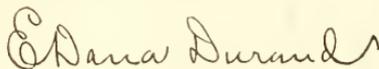
*Washington, D. C., December 21, 1912.*

SIR:

I have the honor to transmit herewith the Abstract of the Thirteenth Decennial Census, with supplement for the state of California. The volume is divided into two sections, the first relating to the United States as a whole, to the different states, and to the principal cities; and the second relating to the state of California, its counties, cities, and other civil divisions. In condensed form the first section contains the principal statistics gathered at the decennial enumeration of 1910 on the subjects of population (except occupation statistics), agriculture, manufactures, and mining. In the second section of the volume the same subjects are treated with greater detail for the state of California, and the material here presented embraces all of the census results to be published concerning that state, its counties, cities, and other civil divisions, except as to occupations.

Other editions of the Abstract are being issued with supplements relating to the other states and to the District of Columbia, Alaska, Hawaii, and Porto Rico, respectively. The various editions are identical, so far as the first section is concerned.

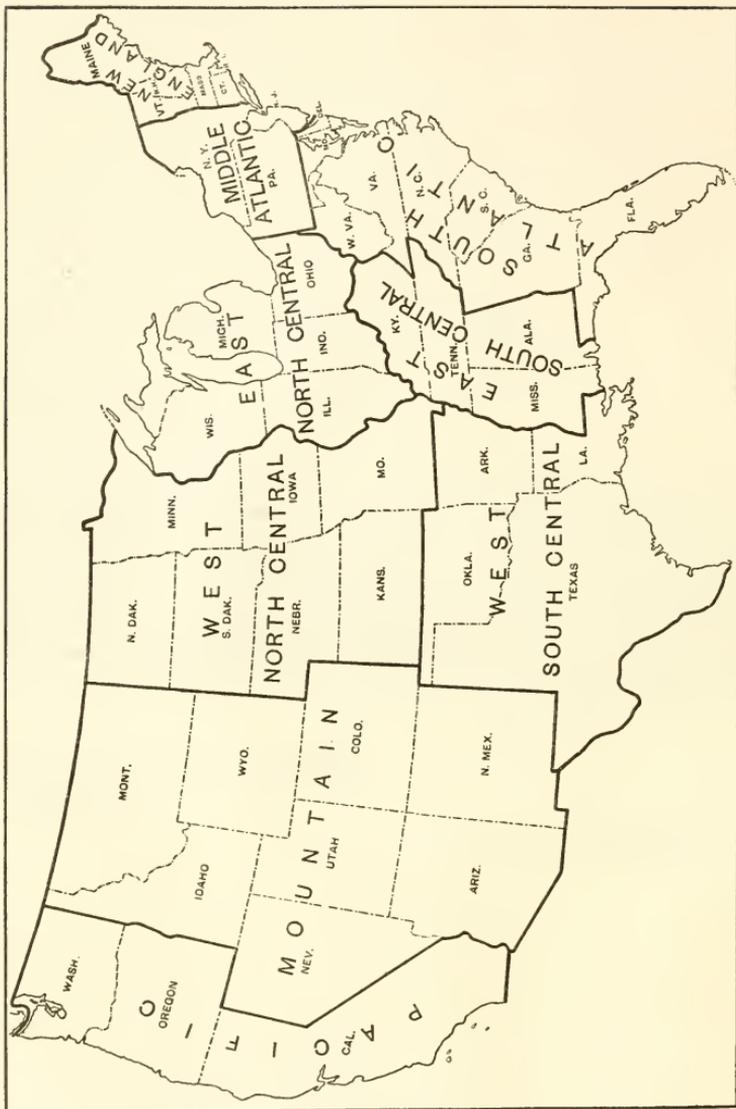
Respectfully,



*Director of the Census.*

HON. CHARLES NAGEL,  
*Secretary of Commerce and Labor.*

GEOGRAPHIC DIVISIONS.



# INTRODUCTION.

## SCOPE AND CHARACTER OF THE REPORT.

The present volume gives a report in condensed form of the Thirteenth Decennial Census of the United States, taken in the year 1910. It covers the four principal branches—Population, Agriculture, Manufactures, and Mines and Quarries—and is complete as to all the subjects comprised under these four branches, except the subject of occupations and one or two minor inquiries of the population schedule, the data for which have not yet been fully tabulated.

Most of the results of the census for individual states and for the country as a whole have been published from time to time in the form of press notices and preliminary bulletins, but the present report is the first general publication covering all topics.

*Combination of condensed summary with detailed state presentation.*—For a group of statistical inquiries covering as many subjects as the decennial census of the United States, an exhaustive report giving results for the smaller geographic units, such as counties and minor civil divisions, needs for its presentation a series of bulky volumes. Such a report, however valuable in libraries and reference collections, is inconvenient for general use, because the main results of the census must be picked out from a mass of geographical detail, and at the same time a person who wishes complete statistics for his own state, county, or city is obliged to search through several volumes. The Bureau of the Census therefore has prepared the present volume, which assembles in one place all the general results of the census. It presents statistics regarding population, agriculture, manufactures, and mines and quarries for the United States as a whole and for individual states; and statistics regarding population and manufactures also for the principal cities.

This volume includes a supplement for the state of California and is intended for distribution in that state. The supplement contains all of the details published by the census for counties and other subdivisions of the state regarding population, agriculture, and manufactures. Statistics for the state as a whole cover the same subjects in somewhat greater detail, and also mining industries. Editions for distribution in other states will contain similar supplements relating to those states.

The purpose of the report is thus to combine in one volume so far as practicable the advantages of a condensed treatment with those of an exhaustive treatment of the census results. Many persons desire general statistics for the United States as a whole, for the states as its primary subdivisions, and for the princi-

pal cities of the country, but the interest of any one person in local details does not as a rule extend beyond the state in which he resides. The combination, therefore, of a condensed census report and a state supplement will, it is believed, meet the needs of by far the majority of those who are interested in census results.

*Limitation of term "United States."*—The area of enumeration of the Thirteenth Decennial Census included, besides the United States in the ordinary understanding of that term, Alaska, Hawaii, and Porto Rico. Other outlying possessions and dependencies were not canvassed. The totals presented for the United States do not include Alaska, Hawaii, and Porto Rico, except when expressly stated. The exclusion of these outlying possessions from most of the tables and discussion rests on the obvious differences as respects population and social and economic conditions between these distant territories and continental United States.

*Grouping of states in geographic divisions.*—Almost all the facts presented in the tables and discussed in the text of this volume are given for each state as well as for the United States as a whole. Because, however, of the large number of states, and for other reasons, it is extremely difficult to exhibit the broad geographical conditions regarding population and production by means of comparisons among individual states. In addition, therefore, to the presentation of statistics by states, this volume gives statistics for nine groups of states, which are designated as geographic divisions. The states which constitute each division can be found in any of the general tables and can be seen at a glance on the accompanying map.

This plan reduces the comparisons necessary to a general understanding of the geographic differences in conditions to a number which can be readily grasped. The states within each of these divisions are for the most part fairly homogeneous in physical characteristics, as well as in the characteristics of their population and their economic and social conditions, while on the other hand each division differs more or less sharply from most others in these respects. In forming these groups of states the lines have been based partly on physical and partly on historical conditions. These nine geographic divisions are sometimes grouped in the text tables into three great sections—the North, which includes the New England, Middle Atlantic, East North Central, and West North Central divisions; the South, which includes the South Atlantic, East South Central, and West South Central divisions; and the West, which includes the Mountain and Pacific divisions.

The grouping of the states in geographic divisions has facilitated a geographical rather than an alphabetical order in the tables which present the results for individual states. The advantage of this geographical order lies in the greater ease with which conditions in contiguous states can be compared.

*Statistics for urban and rural communities.*—Cities represent, in comparison with the remainder of the country, a distinct type of economic and industrial life. This fundamental distinction between the economic activities of urban and rural districts brings with it certain marked differences with respect to the composition and characteristics of the population. As the cities are very numerous, and as they contain often a large part of the total population of a state, these differences can not be readily perceived by comparing the statistics for individual cities with those for the states. For convenience of comparison, therefore, the more important statistics regarding the number, composition, and characteristics of the population have been presented separately for urban communities as a group and for rural communities as a group. In drawing this distinction all incorporated places (including New England towns) having a population of 2,500 inhabitants or more are considered as urban, and the remainder of the country as rural. A discussion of this classification is found in Chapter 1.

Statistics concerning the urban as distinguished from the rural communities are given in many of the tables by states, but the more detailed statistics as well as the text discussion regarding the differences between the two classes of communities are confined to the United States as a whole and the geographic divisions. A further analysis of the urban population is given in some of the tables by classifying the cities according to their size. This grouping of the cities would have little significance in the case of many individual states, because of the small number of larger cities, but is of much interest in the case of the geographic divisions.

In addition to statistics for urban communities as a class, figures are given throughout the chapters on population and manufactures for the more important cities individually. For the larger cities the tables generally give the same details as for the states. For smaller cities the statistics are presented in more condensed form.

*Comparative and derivative figures.*—Both in the general tables and in the text discussion an effort has been made to enhance the value of the statistics for the census of 1910 by the introduction of comparative figures for earlier censuses, and by the presentation of important ratios, averages, and percentages. The full significance of census data is brought out only by comparisons between different censuses and between different classes and communities for the same census, and comparisons based upon absolute numbers are usually much less instructive and

less readily grasped than those based upon percentages and averages.

*Text discussion of tables.*—The general aspects of the statistics presented in tabular form are briefly discussed in the accompanying text. This explanatory text serves the purpose of calling attention to certain important results of the census inquiry. It is not intended that this text shall present an exhaustive analysis of the statistics. In the main, therefore, the discussion is confined to the facts disclosed by the census concerning the United States as a whole and the geographic divisions, with only occasional reference to the figures for individual states or cities. This general discussion, however, should serve as a guide in the interpretation of figures for such smaller geographic units, and should likewise be useful in preventing erroneous conclusions which might occasionally be drawn from the consideration of an isolated table, without taking into account its relation to other census data.

In the presentation of the results of the census by subjects, the text and tables relative to any subject have been treated as a unit, the tables being either inserted in the text or placed immediately after it. This represents a departure from the practice, followed in many census reports, of printing the general tables at the end of the volume and the text comment at the beginning, but it is believed to effect a distinct gain for those who consult the volume to study a given subject. At the same time those who merely refer to it for some particular figure will readily find it with the aid of the table of contents and the index.

Maps and diagrams have been employed in this volume to present graphically some of the more important facts ascertained by the census enumeration, and have as far as possible, like the tables, been printed in immediate connection with the discussion of the subject to which they relate.

*Index.*—It will be recognized that the separate facts treated in this volume are so numerous that the preparation of a complete index both by subjects and by geographic units would be impracticable and of doubtful utility. The table of contents at the beginning of the volume will serve the needs of those who are interested in the broad general treatment of any of the topics included within the volume. To meet the needs of those who will use it mainly as a work of ready reference, an index has been prepared which, under each of the four main heads of the census—Population, Agriculture, Manufactures, and Mines and Quarries—gives an alphabetical list of the topics covered by the tables, and an indication of the classes of geographic units to which the figures given relate. Those who wish some items of information relative to some particular state or city can readily find it by looking up the index references for the class to which it belongs, either "states" or "cities," as the case may be.

*Character of the state supplement.*—The method of presentation of the statistics in the Supplement follows closely that in the main part of the volume. Here, as in the Abstract proper, the four subjects—Population, Agriculture, Manufactures, and Mines and Quarries—are covered. Detailed figures are given for population and agriculture by counties and for population and manufactures by cities. The tables contain numerous comparative and relative figures, and the text discussion, which for the most part is confined to the statistics for the state as a whole, will aid in interpreting the figures for its subdivisions. The method of arranging the statistics of population and agriculture for the counties differs from that at previous censuses, in that all the data concerning each county are presented in a few columns instead of being distributed by subjects among a number of distinct and widely separated tables. Statistics of population for cities are presented in similar form.

*Comparison with previous census abstracts.*—While the present condensed report of the Thirteenth Census bears the title "Abstract of the Census," it differs in important respects from the publications of previous censuses bearing the same name. The Abstracts at previous censuses were merely reference books of statistical tables relating to the United States as a whole, the states, and principal cities. They contained no text whatever, maps and diagrams were wholly lacking, and the tables presented only a very limited amount of comparative matter. The absence in these earlier Abstracts of any matter corresponding to the Supplement rendered it a work of general reference only, and not, as the present volume, a work of both general and local reference.

#### ORGANIZATION OF THE THIRTEENTH DECENNIAL CENSUS.

*The permanent Census Bureau.*—The methods of collecting and tabulating the statistics of the Thirteenth Decennial Census were substantially similar to those employed in the Eleventh and Twelfth Censuses. The Thirteenth Census, however, was the first taken since the organization of the permanent Bureau of the Census. At every prior census an entirely new central organization had to be formed, as there were no permanent officials or clerks who continued in office during the interval between the decennial censuses. By virtue of the act of March 6, 1902, a permanent Bureau of the Census was created in the Department of the Interior, which bureau was subsequently transferred to the newly created Department of Commerce and Labor. One of the chief objects of this legislation was to permit the retention in the service of a certain number of persons familiar with decennial census work, but a further object was to provide an organization for the collection of certain classes of statistics during the interval between the decennial censuses. These intercensal investigations

included some which had not been previously undertaken by the Federal Government at all and some which had been carried on by other bureaus of the Government. They also included certain topics which had previously been investigated in connection with the decennial census, but which were not, by their nature, essential parts of such a census, and which tended unduly to complicate the work both in the field and in the office.

*General provisions of the Thirteenth Census act.*—The permanent census act of March 6, 1902, however, did not contain the special provisions of law necessary for the conduct of a decennial census. The Thirteenth Decennial Census was taken by virtue of the act of July 2, 1909, entitled "An act to provide for the Thirteenth and subsequent decennial censuses." This act designated the three years from July 1, 1909, to June 30, 1912, as the "decennial census period," and provided for an expansion of the force of the permanent bureau in Washington during that period and for the creation of a special field force to collect the census statistics.

The Thirteenth Census act provided that the decennial census should cover the four main subjects of Population, Agriculture, Manufactures, and Mines and Quarries. Of these, the subject of Mines and Quarries had not been covered by the census of 1900, but a special census of mines and quarries had been taken for 1902 under the provisions of the permanent census act. The Twelfth Census had covered the subject of Mortality, but, as mortality statistics are collected annually by the permanent Census Bureau, the subject was omitted from the Thirteenth Census.

A list of the principal official positions provided by the Thirteenth Census act and of the persons who filled them during the Thirteenth Census period is given on another page. The position of assistant director and one of the positions of chief statistician were an addition to the positions existing under the permanent census act. Provision was also made for an appointment clerk and a secretary to the director, for an increase in the number of chiefs of division from eight to twelve, and for a large increase in the clerical force in Washington.

*Collection of statistics of population and agriculture.*—The statistics of population and of agriculture (except part of those relating to irrigation which were collected by special agents) were collected by a force of supervisors and enumerators, while the statistics of manufactures and of mines and quarries were collected by special agents or by clerks detailed from the office. The number of supervisors of the census was 330. In general, each supervisor had jurisdiction over the territory of one congressional district, but in the states of Massachusetts, Connecticut, and Rhode Island, and a number of the larger cities, a single supervisor had charge of the work (in New York City there were two supervisors, one for Manhattan and Bronx Boroughs,

and one for the other three boroughs). The supervisors were appointed by the President of the United States by and with the consent of the Senate. They were paid \$1,500 each for their services, plus \$1 for each thousand inhabitants enumerated under their direction. The average population of most of the supervisors' districts was somewhat over 200,000, while the most populous district, the state of Massachusetts, had more than 3,000,000 inhabitants.

There were in all about 70,000 enumerators of population and agriculture. They were selected by the supervisors, subject to the approval of the Director of the Census. Candidates for the position were subjected to a practical examination, and the ratings given by the supervisors to the candidates, as well as their selections, were carefully reviewed in the Census Bureau.

The censuses of agriculture and population were taken as of the date April 15, 1910. Enumerators in cities of 5,000 inhabitants or more, where the work was practically confined to population statistics, were required to complete their canvass within fifteen days after that date; but the enumerators in the smaller towns and country districts, partly because of the greater area which they had to cover and partly because they collected statistics of agriculture as well as of population, were allowed thirty days. In the larger cities, and in some instances elsewhere, the supervisors were allowed special agents to assist in instructing and supervising the enumerators.

Enumerators were in general paid piece rates, from 2 to 4 cents per name for the population census and from 20 to 30 cents per farm for the agricultural census. In sparsely settled sections per diem rates, ranging usually from \$4 to \$6, were paid. Enumerators were required to bear their own expenses of transportation and subsistence. The average amount received by enumerators on piece rates was in the neighborhood of \$4 for each day actually employed; the average total compensation of enumerators in the city districts was about \$50, and in the country districts, about \$75.

*Collection of statistics of manufactures and mines.*—Except in a very few sparsely settled sections the supervisors and enumerators had nothing to do with the census of manufactures or of mines and quarries, the schedules for these subjects being collected, as

already noted, by special agents or by clerks detailed from the Census Bureau. The statistics related in general to the calendar year 1909 and were collected during the spring and summer of 1910. The special agents had varying terms of service, ranging usually from about two months to about six months. Their pay, in some cases on a piece basis, ranged from about \$3 to \$6 per day, in addition to travel and subsistence expenses when they were away from their headquarters.

*Office force and methods of tabulation.*—The compilation of the statistics of the decennial census required a large addition to the force of the Census Bureau in Washington. The additional clerks and subclerical employees were appointed on the basis of a competitive examination by the Civil Service Commission, the appointments being apportioned among the states in accordance with their population. The total force employed at different periods of time varied greatly, the minimum, representing the permanent force of the bureau at the beginning and close of the decennial census period, being about 650, and the maximum, in the fall of 1910, about 3,800.

The statistics regarding the population were tabulated by a punched card system. Under this system a card is prepared for each individual, on which the facts as to sex, race, age, marital condition, place of birth, and the like, are indicated by the punching of appropriate holes. These cards are then sorted according to classes by sorting machines, and the holes representing the various characteristics are counted by tabulating machines. Electric contacts through the punched holes determine the groups into which the cards are sorted, and similar electric contacts operate the counters of the tabulating machines. On account of the complexity of the statistics required each card must be sorted several times and run through the tabulating machines several times. The tabulation of the statistics of population in the present report represented the equivalent of handling once on the sorting and tabulating machines more than 700,000,000 cards.

The statistics of agriculture, manufactures, and mines and quarries were tabulated for the most part by means of ordinary adding machines, no use being made of the punched card system. The schedules were first sorted by hand, according to the desired classes.

ABSTRACT OF  
THE THIRTEENTH CENSUS  
1910



POPULATION  
AGRICULTURE  
MANUFACTURES  
MINES AND QUARRIES



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## POPULATION



CHAPTER 1.—NUMBER AND DISTRIBUTION OF INHABITANTS

CHAPTER 2.—COLOR OR RACE, NATIVITY, PARENTAGE, AND SEX

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CHAPTER 4.—STATE OF BIRTH OF NATIVE POPULATION

CHAPTER 5.—POPULATION OF FOREIGN BIRTH AND FOREIGN PARENTAGE, BY  
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## CHAPTER I.

# NUMBER AND DISTRIBUTION OF INHABITANTS.

**Introduction.**—This chapter presents in condensed form the main results of the Thirteenth Census, which relate to the number of inhabitants, and their distribution over the territory of the United States.

The tables show the number of inhabitants enumerated in each state, county, and city or incorporated place of 2,500 inhabitants or more. For the states comparative figures are given back to the first census in 1790; for counties and cities the comparison is confined to 1910, 1900, and 1890.

In connection with the population of states and cities considerable attention is given to the increase of the population, especially in the last decade. A table is

also presented showing the population for apportionment purposes, which according to the Constitution excludes Indians who are not taxed.

The chapter shows further the distribution of the population between urban and rural communities, together with the growth of population in urban and rural territory. It also further distinguishes the urban population by different classes of communities grouped according to size. The importance of the suburbs of the larger cities is shown in the calculation of what are designated metropolitan districts, including the urban population residing within approximately 10 miles of the cities having over 200,000 inhabitants.

### POPULATION OF THE UNITED STATES AND OF STATES AND TERRITORIES.

**Area of enumeration in 1910.**—The Thirteenth Census of the United States was taken by the Bureau of the Census as of April 15, 1910. The total area enumerated included the United States, the territories of Alaska and Hawaii, and Porto Rico. The enumeration also included persons stationed abroad in the military and naval service of the Government (including civilian employees, etc.), who were specially enumerated through the cooperation of the War and Navy Departments.

Table 1 gives the total population for the area enumerated in 1910. The corresponding census figures for 1900 are also given for purposes of comparison.

The rate of increase from 1900 to 1910 was 20.9 per cent for the total area of enumeration and 21 per cent for the United States. It should be noted that this table does not cover all the outlying possessions of the United States. Including the population of the Philippines and other possessions, the population living under the American flag is approximately as follows:

Population of the United States and possessions.	101, 100, 000
Enumerated at the census of 1910.....	93, 402, 151
Philippine Islands, 1903.....	7, 635, 426
Guam, estimated.....	9, 000
Samoa, estimated.....	6, 100
Panama Canal Zone, estimated.....	50, 000

Table 1	AREA.	1910	1900
Total area of enumeration.....		93, 402, 151	77, 256, 630
United States exclusive of outlying possessions.....		91, 972, 266	75, 994, 575
Outlying possessions enumerated.....		1, 429, 885	1, 262, 055
Alaska.....		64, 356	63, 592
Hawaii.....		191, 909	154, 001
Porto Rico.....		1, 118, 012	<sup>2</sup> 953, 243
Persons in military and naval service stationed abroad.....		55, 608	91, 219

<sup>1</sup> Includes 953,243 persons enumerated in Porto Rico in 1899.

<sup>2</sup> According to the census of Porto Rico taken in 1899 under the direction of the War Department.

**United States.**—Unless otherwise expressly stated, the term "United States," wherever used, either in text or in tables throughout the abstract, means the United States exclusive of Alaska, Hawaii, Porto Rico, or any other outlying possessions. The term, in other words, is synonymous with the term "Continental United States," which has sometimes been used in other census reports. On account of the wide difference in conditions as between the United

States as thus defined and its outlying possessions, it has been deemed best in general not to include statistics for the latter in the same tables with statistics for the former.

The population of the United States in 1910 was 91,972,266. This represents an increase during the past decade of 15,977,691, or 21 per cent, over the population in 1900, which was 75,994,575. The rate of increase was slightly greater than from 1890 to 1900.

The table following shows the population of the United States as enumerated at each census from 1790 to 1910, inclusive, together with the increase and per

cent of increase during each decade, and also adjusted percentages of increase explained in the paragraphs below:

CENSUS YEAR.	Population of the United States.	INCREASE OVER PRECEDING CENSUS.		Adjusted percentages of increase.
		Number.	Per cent.	
1910.....	91,972,266	15,977,691	21.0	21.0
1900.....	75,994,575	13,046,861	20.7	20.7
1890.....	62,947,714	12,791,931	25.5	24.9
1880.....	50,155,783	11,597,412	30.1	26.0
1870.....	38,558,371	7,115,050	22.6	26.6
1860.....	31,443,321	8,251,445	35.6	35.6
1850.....	23,191,876	6,122,423	35.9	35.9
1840.....	17,069,453	4,203,433	32.7	32.7
1830.....	12,866,920	3,227,567	33.5	33.5
1820.....	9,638,453	2,398,572	33.1	33.1
1810.....	7,239,881	1,931,398	36.4	36.4
1800.....	5,308,483	1,379,269	35.1	35.1
1790.....	3,929,214			

In considering the changes in population as reported by the census it is to be noted that Indians and other persons in Indian Territory and on Indian reservations were enumerated for the first time in 1890, so that the figures for that census are not strictly comparable with those for 1880 and preceding censuses. To show correctly the rate of increase of population from 1880 to 1890 it is necessary to eliminate 325,464 Indians and other persons from the figures for 1890, which leaves a population of 62,622,250. This figure shows an increase over 1880 of 12,466,467, or 24.9 per cent.

The evidence is clear that there was a marked deficiency in the enumeration of the population in the Southern states in 1870, resulting in an understatement of the increase from 1860 to 1870 and an overstatement of the increase from 1870 to 1880. There is no means of ascertaining accurately the extent of the deficiency, but an approximate estimate of the true population in 1870 was made in the census report of 1890 (Population, Part I, pp. xi, xii, and xvi) by which the population in 1870 was placed at 39,518,449 instead of 38,558,371. Using this figure the increase of 1870 over 1860 would be 8,375,128, or 26.6 per cent, and the increase of 1880 over 1870, 10,337,334, or 26 per cent.

Summarizing, it may be said that the population of the United States showed approximately an increase of one-third during each of the seven decades from 1790 to 1860; of one-fourth during each of the three decades from 1860 to 1890; and of one-fifth during each of the last two decades, 1890 to 1900 and 1900 to 1910.

**Divisions and states.**—The population of the United States by divisions and states, with their rank according to population, at each Federal census from 1790 to 1910, inclusive, is shown in Table 5, on pages 24 and 25. This table shows, in addition to the population of the United States proper, that of Alaska,

Hawaii, and Porto Rico, and the number of persons in the military and naval service stationed abroad.

The following table shows the per cent of the total population of the United States in each geographic division at the censuses of 1910, 1900, 1890, and 1850, the latter being added as representing conditions shown by the first census taken after the last of the important accessions to the territory of the United States had taken place.

DIVISION.	PER CENT OF TOTAL			
	1910	1900	1890	1850
United States.....	100.0	100.0	100.0	100.0
New England.....	7.1	7.4	7.5	11.8
Middle Atlantic.....	21.0	20.3	20.2	25.4
East North Central.....	18.8	21.0	21.4	19.5
West North Central.....	12.7	13.6	14.2	3.8
South Atlantic.....	15.3	15.7	14.1	20.2
East South Central.....	8.1	8.9	10.2	14.5
West South Central.....	9.6	8.6	7.5	4.1
Mountain.....	2.9	2.2	1.9	0.3
Pacific.....	4.6	3.2	3.0	0.5

The growth of the population of the United States by divisions and states in the last 20 years is shown in Table 4. The accompanying map shows the per cent of increase of the population in each of the states during the last decade, different rates of increase being indicated by differences in shading.

The table and map show that there were 11 states in which population increased more than 50 per cent between 1900 and 1910, as follows: Washington, Oklahoma, Idaho, Nevada, North Dakota, New Mexico, Arizona, Oregon, California, Wyoming, and Montana. Four divisions—the Pacific, Mountain, West South Central, and Middle Atlantic—increased in each of the last two decades more rapidly than the country as a whole. With one exception (the West South Central) these divisions with a high rate of increase from 1890 to 1900 grew still faster from 1900 to 1910, and divisions with a relatively low rate of growth in the former decade grew still more slowly in the latter decade.

# NUMBER AND DISTRIBUTION OF INHABITANTS.

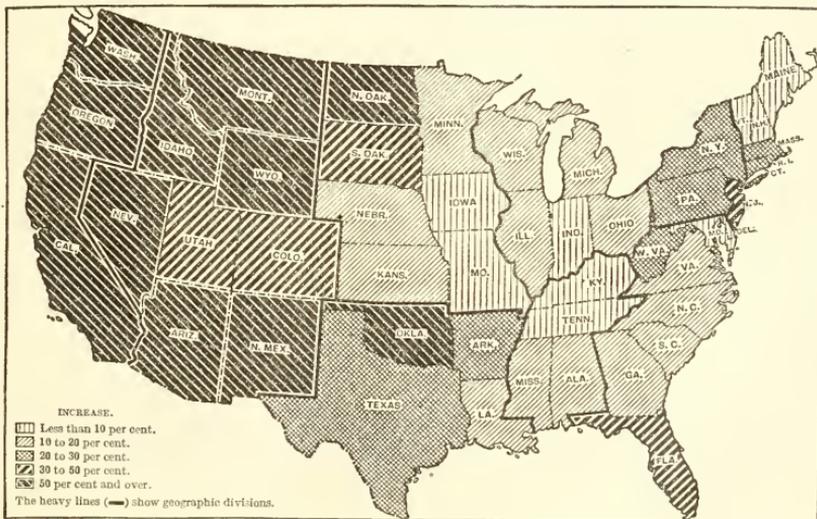
## INCREASE IN TOTAL POPULATION, BY DIVISIONS AND STATES: 1890-1910.

Table 4 DIVISION AND STATE.	INCREASE: <sup>1</sup> 1900-1910		INCREASE: <sup>1</sup> 1890-1900		DIVISION AND STATE.	INCREASE: <sup>1</sup> 1900-1910		INCREASE: <sup>1</sup> 1890-1900	
	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.
<b>United States</b> .....	13,977,691	21.0	13,046,861	29.7	<b>SOUTH ATLANTIC:</b>				
<b>GEOGRAPHIC DIVISIONS:</b>					Delaware.....	17,587	9.5	16,242	9.6
New England.....	869,664	17.2	891,268	19.0	Maryland.....	107,302	9.9	145,634	14.0
Middle Atlantic.....	3,861,214	25.0	2,748,458	21.6	District of Columbia.....	52,351	18.8	48,326	21.0
East North Central.....	2,295,040	14.2	2,507,275	18.6	Virginia.....	207,428	11.2	169,204	12.0
West North Central.....	1,286,498	12.5	1,415,311	13.8	West Virginia.....	232,319	27.4	196,006	35.7
South Atlantic.....	1,791,415	16.8	1,985,538	17.9	North Carolina.....	312,477	16.5	275,861	17.1
East South Central.....	862,144	11.4	1,118,063	17.4	South Carolina.....	175,084	18.1	189,167	16.4
West South Central.....	2,252,244	34.5	1,791,307	31.8	Georgia.....	392,790	17.7	378,978	33.6
Mountain.....	528,840	27.3	309,722	35.0	Florida.....	224,677	42.4	137,120	35.0
Pacific.....	1,775,612	73.5	528,358	28.0	<b>EAST SOUTH CENTRAL:</b>				
<b>NEW ENGLAND:</b>					Kentucky.....	142,731	6.6	288,539	15.5
Maine.....	47,995	6.9	33,380	5.0	Tennessee.....	164,173	8.1	253,098	14.3
New Hampshire.....	16,984	4.6	25,038	9.3	Alabama.....	309,396	16.9	315,296	20.8
Vermont.....	12,313	3.6	11,219	3.4	Mississippi.....	245,844	15.8	291,670	20.3
Massachusetts.....	561,670	20.0	566,379	23.3	<b>WEST SOUTH CENTRAL:</b>				
Rhode Island.....	114,054	26.6	83,058	24.9	Arkansas.....	269,885	20.0	153,353	16.3
Connecticut.....	296,356	22.7	102,162	21.7	Louisiana.....	274,763	39.9	283,037	23.5
<b>MIDDLE ATLANTIC:</b>					Oklahoma <sup>2</sup> .....	866,764	109.7	531,734	205.6
New York.....	1,844,720	25.4	1,205,720	21.1	Texas.....	847,832	27.8	813,183	36.4
New Jersey.....	653,498	34.7	438,736	30.4	<b>MOUNTAIN:</b>				
Pennsylvania.....	1,362,596	21.6	1,044,062	19.9	Montana.....	132,734	54.5	100,405	70.3
<b>EAST NORTH CENTRAL:</b>					Idaho.....	163,822	101.3	73,224	82.7
Ohio.....	699,576	14.7	485,216	13.2	Wyoming.....	53,434	57.7	29,976	47.9
Indiana.....	184,414	7.3	324,058	14.8	Colorado.....	291,324	48.0	129,431	20.6
Illinois.....	817,941	16.9	995,198	20.0	New Mexico.....	131,991	67.6	33,628	21.9
Michigan.....	394,818	12.8	375,712	22.2	Arizona.....	81,423	66.2	34,688	39.3
Wisconsin.....	284,818	12.8	375,712	22.2	Utah.....	96,692	34.9	65,570	31.3
<b>WEST NORTH CENTRAL:</b>					Nevada.....	39,540	93.4	-5,620	-10.6
Minnesota.....	324,314	18.5	441,111	33.7	<b>PACIFIC:</b>				
Iowa.....	-7,082	-0.3	319,556	16.7	Washington.....	623,887	120.4	160,871	45.0
Missouri.....	136,170	6.0	457,480	19.0	Oregon.....	359,279	62.7	95,852	30.2
North Dakota.....	257,910	80.8	128,163	67.1	California.....	892,496	60.1	271,655	22.4
South Dakota.....	182,818	45.4	52,970	15.2					
Nebraska.....	125,914	11.8	3,434	0.3					
Kansas.....	220,454	15.0	42,387	3.0					

<sup>1</sup>A minus sign (-) denotes decrease.

<sup>2</sup>Includes population of Indian Territory for 1890 and 1900.

## PER CENT OF INCREASE IN TOTAL POPULATION, BY STATES: 1900-1910.



ABSTRACT OF THE CENSUS—POPULATION.

POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, AND OF SPECIFIED

Table 5		1910		1900		1890 <sup>1</sup>		1880		1870		1860	
DIVISION AND STATE.		Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.
1	United States, excluding outlying possessions.....	91,972,268	.....	75,994,575	.....	62,947,714	.....	50,155,783	.....	38,558,371	.....	31,443,321	.....
GEOGRAPHIC DIVISIONS:													
2	New England.....	6,532,681	VII	5,592,017	VII	4,700,749	VII	4,080,529	VI	3,487,924	VI	3,135,283	V
3	Middle Atlantic.....	19,315,892	I	15,454,678	II	12,706,220	II	10,496,878	II	8,810,806	II	7,458,885	I
4	East North Central.....	18,250,621	II	15,985,581	III	13,478,305	III	11,206,648	I	9,124,317	I	6,926,884	II
5	West North Central.....	11,637,921	IV	10,347,423	IV	8,932,112	IV	6,157,443	IV	3,856,594	V	2,169,532	VI
6	South Atlantic.....	12,194,895	III	10,443,611	IV	8,852,492	IV	7,217,157	III	5,362,829	III	4,207,157	III
7	East South Central.....	8,469,801	V	7,547,757	V	6,429,154	V	5,585,151	V	4,404,445	IV	4,020,991	IV
8	West South Central.....	8,774,534	V	7,632,290	VI	6,740,983	VI	5,334,229	VI	4,202,965	VII	3,747,667	VII
9	Mountain.....	2,038,517	IX	1,674,657	IX	1,213,535	IX	653,119	IX	215,385	IX	174,523	IX
10	Pacific.....	4,192,304	VIII	2,416,692	VIII	1,888,334	VIII	1,114,578	VIII	675,125	VIII	444,653	VIII
NEW ENGLAND:													
11	Maine.....	742,371	34	694,465	31	661,086	30	648,936	27	628,915	23	628,279	22
12	New Hampshire.....	430,572	39	411,588	37	376,830	32	346,991	31	318,300	31	326,073	27
13	Vermont.....	235,956	42	243,641	39	302,422	37	322,286	32	330,551	30	315,088	28
14	Massachusetts.....	3,306,416	6	2,805,346	7	2,238,847	6	1,738,085	7	1,457,351	7	1,231,066	7
15	Rhode Island.....	452,610	38	428,556	35	345,506	36	276,531	33	217,353	32	174,620	29
16	Connecticut.....	1,114,756	31	986,420	29	746,828	28	622,700	28	537,454	25	460,147	24
MIDDLE ATLANTIC:													
17	New York.....	9,113,614	1	7,268,894	1	6,003,174	1	5,082,871	1	4,382,579	1	3,880,735	1
18	New Jersey.....	2,537,167	11	1,883,669	16	1,444,933	18	1,121,116	19	906,696	17	672,635	21
19	Pennsylvania.....	7,665,111	2	6,202,115	2	5,253,113	2	4,282,891	2	3,521,861	2	2,906,215	2
EAST NORTH CENTRAL:													
20	Ohio.....	4,727,121	4	4,157,545	4	3,672,329	4	3,198,062	3	2,665,260	3	2,339,511	3
21	Indiana.....	2,700,876	9	2,516,462	8	2,192,404	8	1,978,340	6	1,830,637	6	1,350,428	6
22	Illinois.....	5,638,991	3	4,821,500	3	3,826,352	3	3,077,871	4	2,339,891	4	1,711,961	4
23	Michigan.....	2,510,173	8	2,420,982	9	2,053,800	9	1,656,367	9	1,184,059	13	749,113	16
24	Wisconsin.....	2,333,860	13	2,069,642	13	1,693,330	14	1,315,497	16	1,054,670	15	775,581	15
WEST NORTH CENTRAL:													
25	Minnesota.....	2,075,708	19	1,751,394	19	1,310,283	20	780,773	26	439,706	28	172,023	30
26	Iowa.....	2,224,771	15	2,231,853	10	1,912,297	17	1,624,615	10	1,194,020	11	674,913	20
27	Missouri.....	2,355,966	12	2,079,145	11	1,575,185	5	1,120,389	10	723,292	12	515,012	11
28	North Dakota.....	577,056	37	319,146	40	190,953	42	115,177	40	41,181	45	4,837	42
29	South Dakota.....	553,888	36	401,570	38	345,600	35	242,402	35	122,993	36	28,341	39
30	Nebraska.....	1,192,214	29	1,066,300	27	1,062,656	26	852,402	20	364,399	29	107,206	33
31	Kansas.....	1,000,945	22	1,470,458	22	1,428,108	19	996,096	20	364,399	29	107,206	33
SOUTH ATLANTIC:													
32	Delaware.....	202,322	47	184,735	45	168,493	43	146,608	38	125,016	35	112,216	32
33	Maryland.....	1,256,546	27	1,188,044	26	1,042,390	27	934,943	23	780,594	20	687,049	19
34	District of Columbia.....	483,669	43	478,718	41	420,352	40	377,624	36	311,760	34	25,684	25
35	Virginia.....	2,061,612	20	1,854,184	17	1,652,980	15	1,512,563	14	1,225,163	10	1,506,318	6
36	West Virginia.....	1,221,218	28	1,058,800	28	887,794	28	638,457	29	469,644	27	322,414	27
37	North Carolina.....	2,206,297	16	1,893,810	15	1,617,967	19	1,299,750	15	1,071,361	14	892,622	12
38	South Carolina.....	1,515,460	26	1,340,316	24	1,151,149	23	995,577	21	705,696	22	703,708	18
39	Georgia.....	1,029,121	10	1,216,331	11	1,357,533	12	1,542,180	13	1,184,109	12	1,057,286	11
40	Florida.....	752,619	33	828,542	33	891,422	32	929,493	34	137,748	33	140,424	31
EAST SOUTH CENTRAL:													
41	Kentucky.....	2,280,905	14	2,127,114	12	1,858,635	11	1,648,690	8	1,321,011	8	1,155,684	9
42	Tennessee.....	2,184,789	17	2,040,616	14	1,767,518	13	1,542,539	12	1,258,520	9	1,109,801	10
43	Alabama.....	2,138,938	18	1,828,097	18	1,515,401	17	1,262,605	17	986,992	16	861,201	13
44	Mississippi.....	1,797,114	21	1,651,200	20	1,289,600	21	1,131,597	18	827,922	18	791,305	14
WEST SOUTH CENTRAL:													
45	Arkansas.....	1,574,449	25	1,311,564	25	1,128,211	25	802,925	25	484,471	26	435,450	25
46	Louisiana.....	1,656,888	24	1,381,625	23	1,118,588	28	939,946	22	726,915	21	708,002	17
47	Oklahoma.....	1,657,155	23	790,331	30	423,657	39	.....	.....	.....	.....	.....	.....
48	Texas.....	3,896,542	5	3,048,710	6	2,235,527	7	1,591,749	11	818,579	19	604,215	23
MOUNTAIN:													
49	Montana.....	376,053	40	243,329	43	142,924	45	30,159	45	20,595	43	.....	.....
50	Idaho.....	325,594	50	161,772	46	88,548	46	32,610	46	14,999	46	.....	.....
51	Wyoming.....	146,946	48	92,431	48	62,655	48	20,789	47	9,118	44	.....	.....
52	Colorado.....	799,024	32	539,700	32	413,249	31	194,327	35	39,864	41	34,277	38
53	New Mexico.....	374,301	44	186,310	44	100,282	44	119,556	41	91,874	37	93,516	34
54	Arizona.....	204,534	46	122,931	47	85,243	47	40,440	44	9,688	46	.....	.....
55	Utah.....	373,351	41	276,499	42	210,779	41	143,963	39	86,798	39	40,273	37
56	Nevada.....	81,575	49	42,335	49	47,355	49	62,806	43	42,491	40	6,857	41
PACIFIC:													
57	Washington.....	1,141,900	30	518,103	34	357,232	34	75,116	42	23,945	42	11,594	40
58	Oregon.....	672,765	35	414,536	36	317,704	38	174,768	37	90,923	38	52,465	36
59	California.....	2,377,549	12	1,485,053	21	1,213,398	22	864,694	24	500,247	24	379,994	26
60	Outlying possessions enu- merated.....	1,429,885	.....	1,262,055	.....	1,224,042	.....	38,428	.....	.....	.....	.....	.....
61	Alaska.....	64,356	.....	63,592	.....	32,052	.....	33,426	.....	.....	.....	.....	.....
62	Hawaii.....	191,869	.....	154,001	.....	89,990	.....	.....	.....	.....	.....	.....	.....
63	Porto Rico.....	1,115,012	.....	825,243	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Military and naval <sup>11</sup> .....	55,608	.....	91,219	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Includes population (325,664) of Indian Territory and Oklahoma reservations specially enumerated in 1890, but not included in the general report on population in 1890.

<sup>2</sup> Includes persons (6,100 in 1840 and 5,318 in 1850) on public ships in the service of the United States, not credited to any geographic division or State.

<sup>3</sup> For 1890 the rank of South Dakota advances from 37 to 35 and that of Arizona from 48 to 47, when the population specially enumerated is included; and that of

Oklahoma advances from 46 to 39, when the population of Indian Territory and Oklahoma reservations specially enumerated is included.

<sup>4</sup> Population for that part of Dakota territory taken to form North Dakota: 1880, 36,909; 1870, 2,405; and for that part taken to form South Dakota: 1880, 98,268; 1870, 11,711.

<sup>5</sup> Dakota territory.  
<sup>6</sup> Includes population of Indian Territory: 1900, 392,660; 1890, 180,182.

NUMBER AND DISTRIBUTION OF INHABITANTS.

OUTLYING POSSESSIONS, WITH RANK ACCORDING TO POPULATION: 1790-1910.

	1850		1840		1830		1820		1810		1800		1790	
	Population.	Rank.												
1	23,191,878	.....	*17,069,453	.....	*12,866,020	.....	9,638,453	.....	7,239,881	.....	5,308,483	.....	8,829,214	.....
2	2,728,116	V	2,294,822	V	1,954,717	III	1,690,071	III	1,471,973	III	1,233,011	III	1,009,408	III
3	5,886,735	VI	4,526,250	VI	3,587,644	II	2,699,845	II	2,014,702	II	1,402,565	II	988,632	II
4	4,533,290	III	2,924,728	III	1,470,018	V	792,719	V	272,424	V	51,006	V	.....	.....
5	880,335	VII	626,814	VII	140,455	IX	66,586	IX	19,783	VII	.....	.....	.....	.....
6	4,679,090	IV	3,925,295	IV	3,645,752	I	3,061,063	I	2,674,891	I	2,288,494	I	1,831,806	I
7	3,983,271	II	2,975,445	II	1,815,869	IV	1,190,488	IV	708,580	IV	335,407	IV	109,368	IV
8	940,251	VI	449,583	VI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	72,927	IX	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	165,891	VIII	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	583,168	16	501,768	13	399,455	12	298,335	12	228,705	14	151,719	14	96,540	11
12	317,976	22	264,574	22	269,328	18	244,161	15	214,460	15	183,838	11	141,885	10
13	314,120	23	291,948	21	250,632	17	235,981	16	217,885	16	154,465	13	85,425	12
14	394,514	6	257,999	8	610,408	8	323,287	7	472,040	5	422,845	5	375,787	4
15	147,455	28	108,830	24	97,199	23	83,059	20	76,931	17	60,122	16	68,825	15
16	370,782	21	309,978	20	297,675	16	275,248	14	261,942	9	251,002	8	237,946	8
17	3,097,394	1	2,428,021	1	1,918,608	1	1,372,812	1	959,049	2	589,051	3	340,120	5
18	489,555	19	373,365	18	320,823	14	277,575	13	245,562	12	211,149	10	184,189	9
19	2,311,786	2	1,724,033	2	1,345,253	2	1,040,458	3	810,091	3	602,365	2	434,373	2
20	1,980,329	3	1,519,467	3	987,903	4	581,434	5	230,760	23	45,365	18	.....	.....
21	988,416	7	685,866	10	345,031	13	147,178	18	24,820	21	5,641	21	.....	.....
22	851,470	11	476,183	14	137,445	20	55,211	24	12,882	24	.....	.....	.....	.....
23	307,654	30	212,267	30	31,659	27	8,896	27	4,762	25	.....	.....	.....	.....
24	305,891	24	30,945	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	6,077	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	102,214	27	43,112	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	682,044	13	383,702	16	140,455	21	66,586	23	19,783	23	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	81,532	30	78,085	36	76,748	24	72,749	22	72,674	19	64,273	17	59,096	16
33	582,034	17	470,019	15	447,040	11	407,350	10	380,546	8	341,548	7	319,728	6
34	51,687	33	43,712	28	39,834	25	33,039	25	24,023	22	14,093	19	.....	.....
35	1,421,661	4	1,259,737	4	1,211,463	3	1,085,366	2	974,600	1	880,200	1	747,610	1
36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	869,039	10	735,419	7	737,987	5	638,829	4	555,500	4	478,103	4	395,751	3
38	698,507	14	594,208	11	581,183	9	502,741	8	415,115	6	345,591	6	249,073	7
39	906,183	9	601,392	9	316,823	10	340,989	11	252,433	11	162,686	12	82,548	13
40	87,445	31	54,477	27	34,730	26	.....	.....	.....	.....	.....	.....	.....	.....
41	982,402	8	779,828	6	687,917	6	564,317	6	406,511	7	220,955	9	73,677	14
42	1,002,717	5	829,210	5	681,904	7	422,823	9	261,727	10	108,602	15	35,561	17
43	771,623	12	590,756	12	309,527	15	127,901	19	75,448	21	40,352	20	.....	.....
44	606,526	15	375,651	17	136,621	22	.....	.....	.....	.....	.....	.....	.....	.....
45	299,897	26	97,574	25	30,388	28	14,273	26	1,062	26	.....	.....	.....	.....
46	517,762	18	352,411	19	215,739	19	155,407	17	76,556	18	.....	.....	.....	.....
47	212,592	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	61,547	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	11,380	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	13,294	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	82,597	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

\* The territory of Oklahoma in 1900 ranked 38 and Indian Territory 38. The rank for 1900 includes the population of Indian Territory with that of Oklahoma.  
 \* Alaska was specially enumerated under the law, but the population was not included in the general report on population in 1880.  
 \* According to the census taken as of Dec. 28, 1890, under the direction of the Hawaiian Government.

16 According to the census of Porto Rico taken in 1899 under the direction of the War Department.  
 17 Persons in the military and naval service of the United States (including civilian employes, etc.) stationed abroad, not credited to any state or territory.

Apportionment of representation.—Table 6 gives for 1910 the population of each state, exclusive of Indians not taxed, who, according to the Constitution, are not to be included in the population forming the basis of the apportionment of representatives among the several states. The population of Arizona and New Mexico is not included in the main table but is added as an appendix. These territories had not yet become states when the apportionment act of 1911 was passed, though provision for their representation was made in the act. Now that they have been admitted as states the total apportionment population of the states, exclusive of Indians not taxed, and not counting the District of Columbia, is 91,569,325.

As the count of population is made primarily for the purpose of fixing the membership of the House of Representatives, under the provisions of section 2 of Article I of the Constitution, as modified by section 2 of Article XIV of the Amendments, a statement is given in Table 7 of the number of Representatives assigned to each of the states by the Constitution in 1789 and by the several apportionment acts from the formation of the Government to the present time. The dates of the apportionment acts and the ratio of

population to each representative under said acts are also given on page 27.

The membership of the House of Representatives was originally fixed at 65, under the provisions of section 2 of Article I of the Constitution.

The apportionments of Representatives in Congress, under the first six censuses—1790 to 1840, inclusive—were made by Congress, each by a separate act.

The law for taking the census of 1850 (act of May 23, 1850, 9 Stat. L., 42S), which was intended to be permanent, presented a rule of apportionment, fixed the number of members of the House at 233, and directed the Secretary of the Interior thereafter to make the apportionment. The apportionment under the census of 1860 was also made under this law, but Congress, on March 4, 1862, fixed the total number of members at 241, and the Secretary of the Interior apportioned the new quotas to the states.

The apportionments from and after the census of 1870 were made by Congress, each by a separate act; hence it may be assumed that the power conferred on the Secretary of the Interior by the act of May 23, 1850, was repealed by implication.

POPULATION FOR APPORTIONMENT PURPOSES: 1910.

Table 6	STATE.	Total population: 1910	Indians not taxed: 1910	Population basis of apportionment.	STATE.	Total population: 1910	Indians not taxed: 1910	Population basis of apportionment.
Alabama	2,138,093		2,138,093	New York	9,115,614	4,680	9,108,934	
Arkansas	1,574,449		1,574,449	North Carolina	2,236,287		2,236,287	
California	2,377,549	988	2,376,561	North Dakota	577,056	2,653	574,403	
Colorado	799,028	432	798,572	Ohio	4,767,121		4,767,121	
Connecticut	1,114,756		1,114,756	Oklahoma	1,657,133		1,657,133	
Delaware	302,222		302,222	Oregon	672,765		672,765	
Florida	752,619		752,619	Pennsylvania	7,665,111		7,665,111	
Georgia	2,609,121		2,609,121	Rhode Island	542,610		542,610	
Idaho	325,294	2,154	323,440	South Carolina	1,515,400		1,515,400	
Illinois	5,638,591		5,638,591	South Dakota	584,888	8,212	576,676	
Indiana	2,700,876		2,700,876	Tennessee	2,184,789		2,184,789	
Iowa	2,224,771		2,224,771	Texas	3,896,542		3,896,542	
Kansas	1,690,949		1,690,949	Utah	373,351	1,487	371,864	
Kentucky	2,289,903		2,289,903	Vermont	335,336		335,336	
Louisiana	1,656,388		1,656,388	Virginia	2,061,612		2,061,612	
Maine	742,371		742,371	Washington	1,141,990	1,856	1,140,134	
Maryland	1,295,346		1,295,346	West Virginia	1,221,119		1,221,119	
Massachusetts	3,366,416		3,366,416	Wisconsin	2,333,869	1,007	2,332,863	
Michigan	2,810,173		2,810,173	Wyoming	145,965	1,307	144,658	
Minnesota	2,675,708	1,332	2,674,376	Total for 46 states.....	91,109,542	37,425	91,072,117	
Mississippi	1,767,114		1,767,114	Arizona	204,354		204,354	
Missouri	3,293,335		3,293,335	New Mexico	327,301	10,318	316,983	
Montana	376,653	9,715	366,938	Total, including Arizona and New Mexico	91,641,197	71,872	91,569,325	
Nebraska	1,192,214		1,192,214	District of Columbia	331,069		331,069	
Nevada	81,875	1,582	80,293	Total for the United States.....	91,972,266		91,972,266	
New Hampshire	459,572		459,572					
New Jersey	2,537,167		2,537,167					

NUMBER OF MEMBERS IN THE HOUSE OF REPRESENTATIVES UNDER EACH APPORTIONMENT: 1789-1910.

Table 7	STATE.	1910	1900	1890	1880	1870 <sup>1</sup>	1860 <sup>2</sup>	1850 <sup>3</sup>	1840	1830	1820	1810	1800	1790	1789
Total under apportionment act.		435	386	356	325	292	241	234	223	240	213	181	141	105	65
Assigned to new states after apportionment act.			5	1	7	1	2	5	9	2		5		1	1
Alabama	10	9	9	8	8	6	7	7	5	3	4				
Arizona	1	1							1						
Arkansas	7	7	6	5	4	3	3	2		4					
California	11	8	7	6	4	3	2	2	4						
Colorado	4	3	2	1	1										
Connecticut	5	5	4	4	4	4	4	4	6	6	7	7	7	7	5
Delaware	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
Florida	4	3	2	2	2	1	1	1	1	1					
Georgia	12	11	11	10	9	7	8	8	9	7	6	4	2	3	
Idaho	2	1	1	1	1										
Illinois	27	25	22	20	19	14	9	7	3	1	1	1			
Indiana	13	13	13	13	13	11	11	10	7	3	3	1			
Iowa	11	11	11	11	9	6	5	4	2						
Kansas	8	8	8	7	3	1									
Kentucky	11	11	11	11	10	9	10	10	13	12	10	6	2		
Louisiana	8	7	6	6	6	5	4	4	3	3	4	1			
Maine	4	4	4	4	5	5	6	7	8	7	9	7			
Maryland	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Massachusetts	16	14	13	12	11	10	11	10	12	13	13	13	17	14	8
Michigan	13	12	12	11	9	6	4	3	4						
Minnesota	10	9	7	5	3	2	4	2							
Mississippi	8	8	7	7	6	5	5	5	5	5	5	5	5	5	5
Missouri	16	16	15	14	13	9	7	6	4	2	1	1			
Montana	2	1	1	1	1										
Nebraska	6	6	6	3	1	1									
Nevada	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
New Hampshire	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
New Jersey	12	10	8	7	7	5	5	5	5	6	6	6	6	5	4
New Mexico	1														
New York	43	37	34	34	33	31	33	34	40	34	27	17	10	6	
North Carolina	10	10	9	9	8	7	8	9	13	13	13	12	10	5	
North Dakota	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Ohio	22	21	21	21	20	19	21	21	19	14	6	4			
Oklahoma	8	5	5	1	1										
Oregon	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1
Pennsylvania	36	32	30	28	27	24	25	24	28	26	23	18	13	8	
Rhode Island	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1
South Carolina	7	7	7	7	5	4	6	7	9	9	9	8	6	5	
South Dakota	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1
Tennessee	10	10	10	10	10	10	10	11	13	9	6	3	4		
Texas	18	16	13	11	6	4	2	4							
Utah	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Vermont	2	2	2	2	3	3	3	4	5	5	6	4	2		
Virginia	10	10	10	10	9	11	13	15	21	22	23	22	19	10	
Washington	5	3	2	2	1										
West Virginia	6	5	4	4	3										
Wisconsin	11	11	10	9	9	6	3	4							
Wyoming	1	1	1	1	1										

<sup>1</sup> Membership originally fixed at 283, but increased by act of May 30, 1872, to 292 (17 Stat. L., 102).  
<sup>2</sup> Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L., 353).  
<sup>3</sup> Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L., 25).

<sup>4</sup> Assigned after apportionment.  
<sup>5</sup> Included in apportionment act in anticipation of becoming a state.  
<sup>6</sup> Included in the 30 members originally assigned to Massachusetts, but credited to Maine, after its admission as a state, Mar. 15, 1820 (3 Stat. L., 555).

DATES OF APPORTIONMENT ACTS AND RATIO OF POPULATION TO EACH REPRESENTATIVE.

CENSUS.	Date of apportionment act.	Ratio.	CENSUS.	Date of apportionment act.	Ratio.
1910	Aug. 8, 1911 (37 Stat. L., 15).	211,877	1840	June 25, 1842 (5 Stat. L., 491).	70,080
1900	Jan. 16, 1901 (31 Stat. L., 733).	194,182	1830	May 22, 1832 (4 Stat. L., 316).	47,700
1890	Feb. 7, 1891 (26 Stat. L., 735).	175,901	1820	Mar. 7, 1822 (3 Stat. L., 651).	40,000
1880	Feb. 25, 1882 (22 Stat. L., 5).	151,911	1810	Dec. 21, 1811 (2 Stat. L., 669).	35,000
1870	Feb. 2, 1872 (17 Stat. L., 28).	131,425	1800	Jan. 14, 1802 (2 Stat. L., 128).	33,000
1860	May 23, 1860 (9 Stat. L., 428-432).	127,381	1790	Apr. 14, 1792 (1 Stat. L., 253).	33,000
1850	May 23, 1850 (9 Stat. L., 428-432).	93,423		Constitution, 1789.	30,000

## AREA AND DENSITY OF POPULATION.

Area.—At the First Census, in 1790, the United States comprised substantially the territory between the Atlantic Ocean and the Mississippi River except Florida, representing a gross area (land and water surface) of 892,135 square miles. The United States, with its outlying possessions, now comprises a gross area of 3,743,306 square miles, or more than four times the area in 1790. The successive accessions of territory were as follows:

Table 8		Outlying possessions.	
ACCESSION.	Gross area in square miles.	ACCESSION.	Gross area in square miles.
United States.....	3,026,739		716,517
Area of U. S. in 1790.....	892,135	Alaska, 1857.....	596,384
Louisiana Purchase, 1803.....	827,987	Hawaii, 1898.....	6,449
Florida, 1819.....	58,666	Philippine Islands, 1899.....	3,435
Territory gained through Treaty with Spain, 1819.....	133,435	Porto Rico, 1899.....	3,435
Texas, 1845.....	393,166	Guam, 1899.....	210
Oregon, 1846.....	286,541	Santo, 1900.....	77
Mexican Cession, 1848.....	629,150	Panama Canal Zone, 1904.....	430
Gadsden Purchase, 1853.....	29,670		

<sup>1</sup> Includes the drainage basin of the Red River of the North, not a part of any acquisition, but previously considered a part of the Louisiana Purchase.

The area in 1910, by states, was as follows:

STATE.	Rank in gross area.	AREA IN SQUARE MILES.		
		Gross.	Land.	Water. <sup>1</sup>
United States.....		3,026,739	2,973,300	52,999
Texas.....	1	265,896	262,398	3,498
California.....	2	158,297	155,652	2,645
Montana.....	3	146,297	146,201	796
New Mexico.....	4	122,654	122,003	131
Arizona.....	5	119,966	113,810	146
Nevada.....	6	110,650	109,821	869
Colorado.....	7	105,698	105,538	290
Wyoming.....	8	97,814	97,594	320
Oregon.....	9	96,609	95,997	1,092
Utah.....	10	84,690	82,184	2,896
Minnesota.....	11	84,652	80,838	3,821
Idaho.....	12	83,888	83,254	534
Kansas.....	13	82,168	81,774	384
South Dakota.....	14	77,615	76,808	747
Nebraska.....	15	77,520	76,808	712
North Dakota.....	16	70,837	70,183	654
Oklahoma.....	17	70,607	69,414	643
Missouri.....	18	69,420	68,727	693
Washington.....	19	69,127	66,836	2,291
Georgia.....	20	59,265	58,725	540
Florida.....	21	58,666	54,861	3,805
Michigan.....	22	67,980	67,490	550
Illinois.....	23	56,665	56,643	622
Iowa.....	24	56,147	55,586	561
Wisconsin.....	25	56,666	55,256	810
Arkansas.....	26	52,335	52,325	810
North Carolina.....	27	52,426	48,749	3,686
Alabama.....	28	51,588	51,579	719
New York.....	29	49,204	47,654	1,550
Louisiana.....	30	48,506	45,409	3,097
Mississippi.....	31	46,865	46,362	503
Pennsylvania.....	32	45,126	45,852	294
Virginia.....	33	42,627	40,262	2,365
Tennessee.....	34	42,622	41,687	3,635
Ohio.....	35	41,949	41,740	309
Kentucky.....	36	40,568	40,181	417
Indiana.....	37	36,354	36,043	309
Maine.....	38	33,949	29,858	3,145
South Carolina.....	39	30,899	30,405	494
West Virginia.....	40	24,170	24,022	148
Maryland.....	41	12,327	9,941	2,386
Vermont.....	42	9,364	9,121	440
New Hampshire.....	43	9,341	9,031	310
Massachusetts.....	44	8,266	8,039	227
New Jersey.....	45	8,274	7,514	710
Connecticut.....	46	4,985	4,830	145
Delaware.....	47	2,320	1,965	405
Rhode Island.....	48	1,247	1,067	181
District of Columbia.....	49	70	60	10

<sup>1</sup> Does not include the water surface of the oceans, the Gulf of Mexico, or the Great Lakes, lying within the jurisdiction of the United States.

Population per square mile.—Table 10 shows, for the United States, the total population, land area in square miles, and population per square mile of land area, at each census since 1790.

Table 10	CENSUS YEAR.	Population of the United States.	Land area in square miles.	Population per square mile.
1910.....		91,972,266	2,973,300	30.9
1900.....		76,964,575	2,974,150	25.6
1890.....		62,947,714	2,973,963	21.2
1880.....		50,185,783	2,972,963	16.9
1870.....		38,558,371	2,973,963	13.0
1860.....		31,443,321	2,973,963	10.6
1850.....		22,191,876	2,944,337	7.5
1840.....		17,069,453	1,733,588	9.7
1830.....		12,846,020	1,733,588	7.3
1820.....		9,638,453	1,733,588	5.5
1810.....		7,239,881	1,685,863	4.3
1800.....		5,396,483	867,500	6.1
1790.....		2,929,214	867,890	4.2

According to the census of 1910, there were in the United States, on the average, 30.9 inhabitants to each square mile of land area, or nearly seven times the number per square mile shown for the much smaller area of 1790, and nearly three times the number shown for 1860. The decrease in the average number of inhabitants per square mile at the censuses of 1810 and 1850 was due in each case to large accessions of thinly populated territory during the preceding decade.

The relative density of population of each state of the United States in 1910 is exhibited by the map on the opposite page, while Table 11 shows, for each geographic division and state, the population and land area in 1910 and the population per square mile at each of the last three censuses.

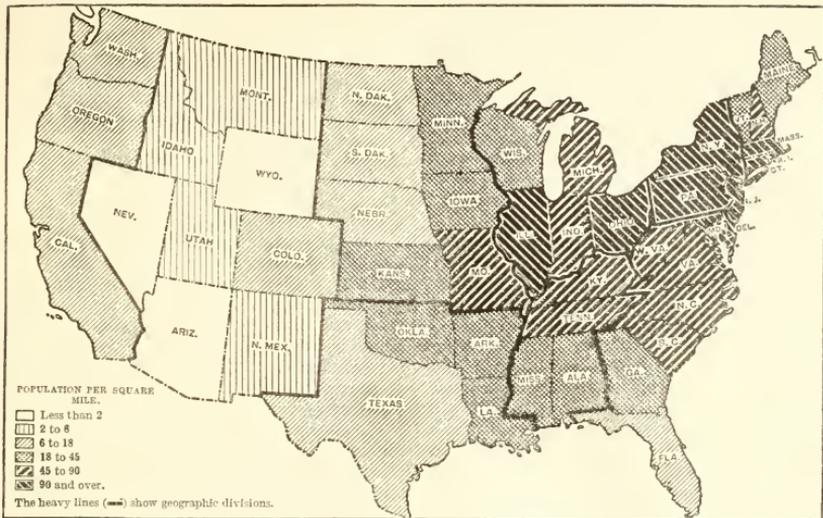
In the order of density of population the geographic divisions ranked as follows in 1910: Middle Atlantic, 193.2 inhabitants per square mile; New England, 105.7; East North Central, 74.3; East South Central, 46.8; South Atlantic, 45.3; West North Central, 22.8; West South Central, 20.4; Pacific, 13.2; Mountain, 3.1.

Aside from the District of Columbia there were 10 states in which there was in 1910 a population per square mile of more than 100. These states, in the order of density of population, are as follows: Rhode Island, Massachusetts, New Jersey, Connecticut, New York, Pennsylvania, Maryland, Ohio, Delaware, and Illinois.

There were 16 states which had, on the average, less than 18 inhabitants to the square mile. Eight of these states are in the Mountain division (comprising its entire area), 3 in the Pacific division (comprising its entire area), 3 in the West North Central division, 1 in the West South Central division, and 1 in the South Atlantic division.

Among the outlying possessions Alaska had an average density of only 0.1 per square mile; Hawaii, 29.8, about that of Arkansas; and Porto Rico, 325.5, or greater than that of any state of the United States except Rhode Island, Massachusetts, and New Jersey.

POPULATION PER SQUARE MILE, BY STATES: 1910.



POPULATION PER SQUARE MILE, BY DIVISIONS AND STATES: 1910, 1900, AND 1890.

DIVISION AND STATE.	Population 1910	Land area in square miles: 1910	POPULATION PER SQUARE MILE.			DIVISION AND STATE.	Population 1910	Land area in square miles: 1910	POPULATION PER SQUARE MILE.					
			1910	1900	1890				1910	1900	1890			
<b>United States</b> .....	<b>91,972,266</b>	<b>2,973,890</b>	<b>30.9</b>	<b>25.6</b>	<b>21.2</b>	<b>SOUTH ATLANTIC:</b>								
<b>GEOGRAPHIC DIVISIONS:</b>						Delaware.....	292,322	1,665	103.0	94.0	85.7			
New England.....	6,532,681	61,976	105.7	90.2	75.8	Maryland.....	1,295,346	9,941	130.3	119.5	114.9			
Middle Atlantic.....	19,315,892	100,000	193.2	154.5	127.1	District of Columbia.....	331,069	60	5,517.8	4,645.3	3,972.3			
East North Central.....	18,250,621	245,364	74.3	65.2	54.9	Virginia.....	2,061,612	40,262	51.2	45.1	41.1			
West North Central.....	11,637,921	510,804	22.8	20.3	17.5	West Virginia.....	1,221,119	24,022	50.8	39.9	31.8			
South Atlantic.....	12,194,893	209,071	45.3	38.8	32.9	North Carolina.....	2,576,287	48,740	45.3	38.9	33.2			
East South Central.....	8,469,901	179,599	46.8	42.0	35.8	South Carolina.....	1,515,400	30,495	49.7	44.0	37.7			
West South Central.....	8,784,534	429,746	20.4	15.2	11.0	Georgia.....	2,609,121	58,725	44.4	37.7	31.3			
Mountain.....	2,633,517	859,125	3.1	1.9	1.4	Florida.....	752,619	54,861	13.7	9.6	7.1			
Pacific.....	4,192,304	318,095	13.2	7.6	5.9	<b>EAST SOUTH CENTRAL:</b>								
<b>NEW ENGLAND:</b>						Kentucky.....	2,289,005	40,151	57.0	53.4	46.3			
Maine.....	742,371	29,895	24.8	23.2	22.1	Tennessee.....	2,184,789	41,687	52.4	48.5	42.4			
New Hampshire.....	459,572	9,031	47.7	43.6	41.7	Alabama.....	2,158,093	51,279	41.7	35.7	29.5			
Vermont.....	355,956	9,124	39.0	37.7	36.4	Mississippi.....	1,797,114	46,362	38.8	33.5	27.8			
Massachusetts.....	3,366,416	8,039	415.8	349.0	278.5	<b>WEST SOUTH CENTRAL:</b>								
Rhode Island.....	542,610	1,977	598.5	491.6	323.8	Louisiana.....	1,574,448	52,025	30.0	25.0	21.5			
Connecticut.....	1,114,736	4,820	231.3	198.5	154.8	Arkansas.....	1,656,388	45,409	36.5	30.4	24.6			
<b>MIDDLE ATLANTIC:</b>						Oklahoma.....	1,657,155	69,414	23.9	11.4	+3.7			
New York.....	9,113,614	47,654	191.2	152.5	126.0	Texas.....	3,896,942	395,968	14.8	11.6	8.5			
New Jersey.....	2,837,167	7,514	373.7	293.7	192.3	<b>MOUNTAIN:</b>								
Pennsylvania.....	5,422,610	44,832	171.0	140.6	117.3	Montana.....	376,053	146,201	2.6	1.7	1.0			
<b>EAST NORTH CENTRAL:</b>						Idaho.....	325,594	83,354	3.9	1.9	1.1			
Ohio.....	4,767,121	40,740	117.0	102.1	90.1	Wyoming.....	145,965	97,994	1.5	0.9	0.6			
Indiana.....	2,700,876	36,045	74.9	70.1	61.1	Colorado.....	789,024	103,658	7.7	5.2	4.0			
Illinois.....	5,638,591	56,943	109.6	86.1	68.3	New Mexico.....	327,301	122,565	2.7	1.6	1.3			
Rhode Island.....	2,810,173	37,480	48.9	42.1	36.4	Arizona.....	204,354	113,810	1.8	1.1	0.8			
Wisconsin.....	2,333,860	35,236	42.2	37.4	30.6	Utah.....	375,331	83,184	4.5	3.4	2.6			
<b>WEST NORTH CENTRAL:</b>						Nevada.....	81,875	109,821	0.7	0.4	0.4			
Minnesota.....	2,075,708	80,858	25.7	21.7	16.2	<b>PACIFIC:</b>								
Iowa.....	2,234,771	55,586	40.0	30.2	24.4	Washington.....	1,141,990	66,836	17.1	7.8	5.3			
Missouri.....	2,294,355	68,727	47.9	45.2	39.0	Oregon.....	672,765	95,037	7.0	4.3	3.3			
North Dakota.....	377,056	70,183	8.2	4.5	2.7	California.....	2,377,949	153,662	15.3	9.5	7.8			
South Dakota.....	382,888	76,968	7.6	5.2	4.5									
Nebraska.....	1,192,214	76,808	15.5	13.9	13.8									
Kansas.....	1,090,949	81,774	20.7	18.0	17.5									

\*Includes Indian Territory for 1890 and 1900.

## CENTER OF POPULATION.

On the basis of the Thirteenth Census returns the center of population and the median point for the United States have been determined for April 15, 1910. In these calculations no account is taken of the territory and population of Alaska and of other outlying possessions.

The center is often understood to be the point of intersection of a north and south line which divides the population equally, with an east and west line which likewise divides it equally. This point of intersection is, in a certain sense, a center of population; it is here, however, designated the median point to distinguish it from the point technically defined as the center.

The character of these two points may be made clear through a physical analogy. The center of population may be said to represent the center of gravity of the population. If the surface of the United States be considered as a rigid plane without weight, capable of sustaining the population distributed thereon, individuals being assumed to be of equal weight, and each, therefore, to exert a pressure on any supporting pivotal point directly proportional to his distance from the point, the pivotal point on which the plane balances would, of course, be its center of gravity; and this is the point referred to by the term "center of population," as used in this chapter. In determining the median point distance is not taken into account, and the location of the units of population is considered only in relation to the intersecting

median lines—as being north or south of the median parallel and east or west of the median meridian. Extensive changes in the geographic distribution of the population may take place without affecting the median point, whereas the center of population responds to the slightest population change in any section of the country.

At the Thirteenth Census the center of population was in the following position:

Latitude..... 39° 10' 12" N.  
Longitude..... 86° 32' 20" W.

This point is in southern Indiana, in the western part of Bloomington city, Monroe County.

During the last decade, 1900 to 1910, the center of population moved west 43' 26", approximately 39 miles, while its northward movement was only 36", or approximately seven-tenths of a mile. The westward movement from 1900 to 1910 was nearly three times as great as that from 1890 to 1900, but was less than that for any decade between 1840 and 1890.

The closeness with which the center of population throughout its westward movement has clung to the thirty-ninth parallel of latitude is remarkable. The total westward movement since 1790 is 557 miles.

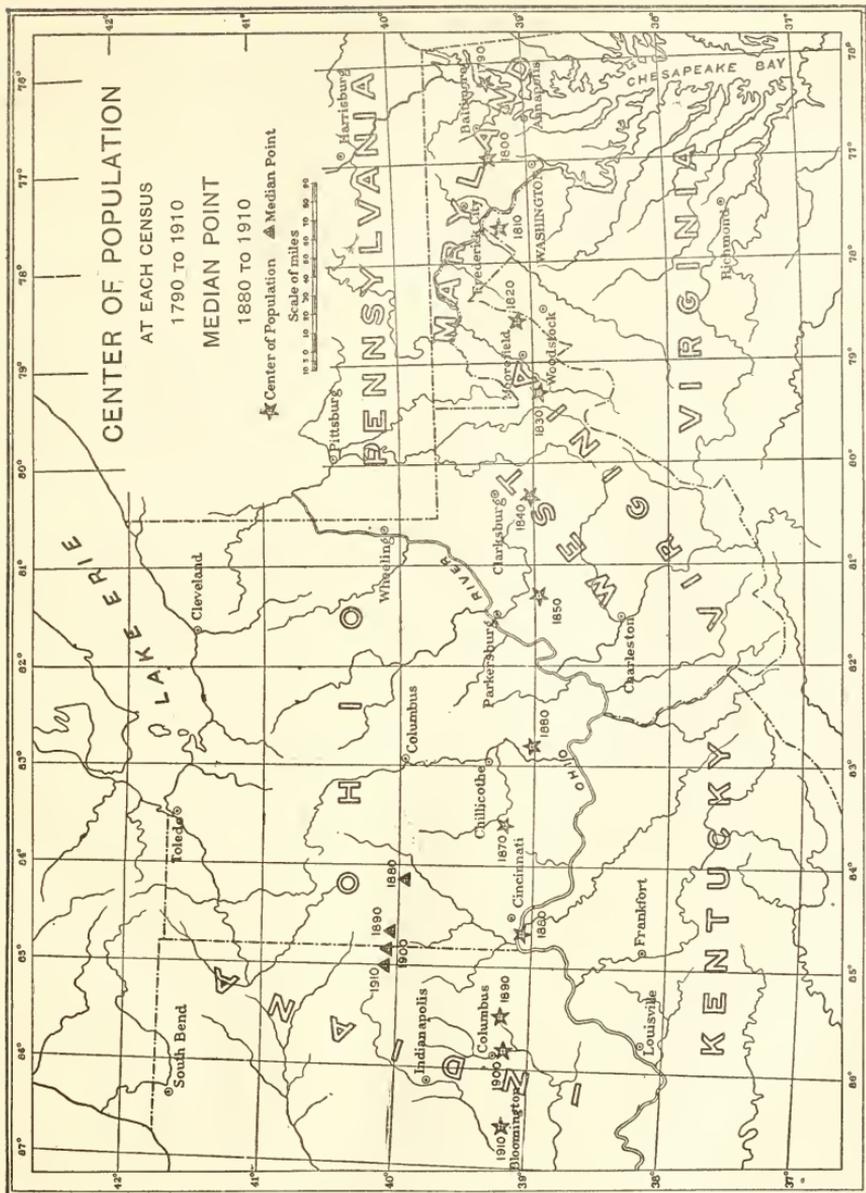
The following table and the map on the opposite page show the location of the center of population and its proximity to important towns at each successive Federal census, and its westward advance during each decade since 1790:

CENSUS YEAR.	LOCATION.		APPROXIMATE LOCATION BY IMPORTANT TOWNS.	MOVEMENT IN MILES DURING PRECEDING DECADE.			
	North latitude.	West longitude.		From point to point in direct line.	Westward.	Northward.	Southward.
1790.....	39 16 30	76 11 12	23 miles east of Baltimore, Md.....				
1800.....	39 16 6	76 56 30	18 miles west of Baltimore, Md.....	40.6	40.6		0.5
1810.....	39 11 30	77 37 12	40 miles northwest by west of Washington, D. C.....	36.9	36.5		5.3
1820.....	39 5 42	78 33 0	16 miles north of Woodstock, Va.....	50.5	50.1		6.7
1830.....	38 57 54	79 16 54	19 miles west-southwest of Moorefield, W. Va.....	40.4	39.4		9.0
1840.....	39 2 0	80 18 0	16 miles south of Clarksburg, W. Va.....	55.0	54.8		4.7
1850.....	38 59 0	81 19 0	23 miles southeast of Parkersburg, W. Va.....	54.8	54.7		3.5
1860.....	39 0 24	82 48 48	20 miles south of Chillicothe, Ohio.....	80.6	80.6	1.6	
1870.....	39 12 0	83 35 42	48 miles east by north of Cincinnati, Ohio.....	44.1	42.1	13.3	
1880.....	39 4 8	84 39 40	8 miles west by south of Cincinnati, Ohio.....	58.1	57.4		9.1
1890.....	39 11 59	85 32 53	20 miles east of Columbus, Ind.....	48.6	47.7	9.0	
1900.....	39 9 36	85 48 54	6 miles southeast of Columbus, Ind.....	14.6	14.4		2.8
1910.....	39 10 12	86 32 20	In the city of Bloomington, Ind.....	39.0	38.9	0.8	

In connection with the location of the center of population of the United States it is of interest to note also the position of what may be termed the center of area—that is, the point on which the surface of the United States would balance if it were a plane of uniform weight per unit of area. This point is located in northern Kansas, 10 miles north of Smith Center, the county seat of Smith County, approximate latitude 39° 55', longitude 98° 50', and is therefore about three-fourths of a degree (51 miles) north and

12½ degrees (657 miles) west of the center of population. This would be the center of population if the population were distributed evenly over the territory of the United States.

In 1910 the median point was located at latitude 40° 6' 24" north and longitude 84° 59' 59" west, practically the eighty-fifth meridian. Its location, therefore, was 3½ miles south of Winchester, Randolph County, Ind.; its westward movement during the decade was 7.5 miles, its northward movement 2.3 miles.



## POPULATION OF COUNTIES.

Tables 13 and 14 show the area and population in 1910 of each county or equivalent subdivision of the United States, Alaska, Hawaii, and Porto Rico; also the population in 1900 and 1890, except for

such counties as were organized subsequent to these censuses. Notes immediately following the tables indicate changes in counties which affect the comparability of the figures.

(Text continued on page 54.)

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890.

[In computing the increase from 1890 to 1900 for certain counties the population of Indian reservations in 1900 has been deducted from the total population of the county, in order to make that total comparable with the total for 1890. Each does not include the population of Indian reservations.]

[Per cent not shown where base is less than 10. A minus sign (—) denotes decrease.]

Table 13 COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>ALABAMA</b> .....	51,279	2,138,093	1,828,697	1,513,401	16.9	23.0	<b>ARIZONA</b> .....	113,810	204,354	128,931	68,243	66.2	89.3
Autauga.....	584	20,038	17,915	13,330	11.9	34.4	Apache <sup>2</sup> .....	1,370	9,196	8,207	4,281	10	51.0
Baldwin.....	1,505	18,178	18,194	8,940	37.8	47.6	Cochise.....	16,479	34,291	9,251	6,958	273.8	33.3
Barbour.....	612	32,728	35,152	24,898	-6.9	0.7	Cocconino.....	18,238	10,330	5,514	1,611	47.4	4.1
Bibb.....	634	28,892	27,824	22,824	3.3	38.8	Cochise.....	18,238	10,330	5,514	1,611	47.4	4.1
Blount.....	649	21,456	23,119	21,927	-7.2	5.4	Graham.....	6,508	26,949	14,162	5,670	69.5	118.0
Bullock.....	610	30,196	31,944	27,063	-5.5	18.0	Maricopa.....	8,891	34,488	29,457	10,986	68.6	63.9
Butler.....	763	29,039	25,761	21,641	12.7	19.0	Navajo.....	10,300	11,471	8,829	2,920	29.1	137.3
Calhoun.....	630	39,115	34,574	33,835	12.2	3.1	Pima.....	9,946	22,818	14,688	12,673	55.3	3.7
Chambers.....	577	20,226	21,096	20,459	-1.8	23.7	Pinal.....	5,380	9,045	7,779	4,251	16.3	13.5
Cherokee.....	577	20,226	21,096	20,459	-1.8	23.7	Santa Cruz.....	5,380	9,045	7,779	4,251	16.3	13.5
Chilton.....	729	23,187	16,522	14,540	40.3	13.6	Yavapai.....	5,130	15,996	13,799	8,685	15.9	58.9
Choctaw.....	932	18,483	18,136	17,639	1.9	3.2	Yavapai.....	9,987	7,733	4,145	2,671	86.6	34.3
Clarke.....	614	21,006	17,099	15,765	22.8	8.3	<b>ARKANSAS</b> .....	52,825	1,674,449	1,311,584	9,128,211	20.0	16.8
Cleburne.....	568	13,385	13,096	13,218	1.4	-0.1	Arkansas.....	1,000	16,103	12,973	11,432	24.1	13.5
Coffee.....	678	26,119	20,972	12,170	24.5	72.3	Ashley.....	940	28,268	19,734	13,295	28.0	48.4
Colbert.....	618	24,802	22,341	20,189	11.0	10.7	Baxter.....	886	10,389	8,298	8,527	11.7	0.0
Coahuila.....	658	21,628	21,189	21,594	2.4	29.0	Benton.....	876	33,339	31,611	27,716	16.8	6.1
Cosa.....	655	16,324	16,144	15,906	3.0	1.5	Boone.....	658	14,318	16,396	15,816	-12.7	3.7
Covington.....	1,042	32,124	15,346	7,586	103.6	163.6	Bradley.....	699	14,518	9,651	7,972	50.4	21.1
Crenshaw.....	618	23,313	19,668	15,425	18.5	27.5	Carroll.....	629	9,894	8,529	7,267	15.9	17.5
Cullman.....	763	28,321	17,849	13,439	58.7	32.8	Chicot.....	667	21,987	14,528	11,419	51.3	27.2
Dale.....	568	21,628	21,189	21,594	2.4	29.0	Clark.....	862	23,680	21,299	20,997	11.3	1.4
Dallas.....	957	53,401	54,557	49,350	-2.3	10.8	Clay.....	654	23,680	21,299	20,997	11.3	1.4
DeKalb.....	786	28,261	23,558	21,106	20.0	11.6	Cleburne.....	996	11,900	9,628	7,884	23.6	22.1
Elmore.....	622	28,245	26,099	21,732	8.2	20.1	Cleveland.....	603	13,481	11,620	11,362	16.0	2.3
Escambia.....	957	18,853	11,520	8,663	66.3	30.6	Colbert.....	603	13,481	11,620	11,362	16.0	2.3
Etowah.....	647	23,009	27,861	21,928	42.9	24.8	Conway.....	563	22,729	19,729	19,459	15.0	1.6
Fayette.....	644	16,248	14,132	12,823	15.0	10.2	Craighead.....	587	27,627	19,905	12,025	41.6	62.2
Franklin.....	647	19,369	16,311	10,881	17.3	54.6	Crawford.....	593	23,942	21,270	21,714	12.6	-2.0
Geneva.....	578	26,220	19,096	16,690	37.4	78.6	Crittenden.....	882	22,447	14,529	15,940	94.5	4.2
Greene.....	635	22,717	24,182	22,007	-6.3	9.9	Cross.....	619	14,042	11,051	7,643	27.1	43.7
Hale.....	646	27,883	31,011	27,501	-10.1	12.8	Dallas.....	678	12,621	11,518	9,296	9.6	23.9
Henry.....	560	20,943	36,147	24,847	-42.1	45.5	Desha.....	747	15,274	11,511	10,324	32.7	11.5
Houston.....	579	32,414	30,588	28,026	6.2	8.1	Drew.....	847	10,860	19,451	17,352	12.9	12.1
Jackson.....	1,140	32,918	30,588	28,026	6.2	8.1	Faulkner.....	551	23,708	20,780	18,342	14.1	13.3
Jefferson.....	1,135	226,476	140,429	88,501	61.3	58.7	Franklin.....	606	20,638	17,395	16,934	18.6	12.7
Lamar.....	601	17,487	16,094	14,867	18.7	13.4	Fulton.....	625	10,138	11,787	10,484	-5.6	17.6
Lauderdale.....	694	20,608	20,569	19,857	1.7	11.9	Gardner.....	631	27,271	18,713	15,328	43.3	22.5
Lawrence.....	700	21,984	20,124	20,725	9.2	-2.9	Grant.....	667	9,425	7,671	7,786	22.9	-1.5
Lee.....	632	32,967	31,826	28,684	3.3	10.9	Greene.....	831	23,852	16,379	12,900	48.3	31.5
Limestone.....	596	29,296	25,387	21,291	26.1	5.6	Hempstead.....	727	10,131	8,286	7,166	29.7	15.2
Louisiana.....	394	31,568	31,568	29,611	5.8	6.6	Hot Spring.....	613	15,022	12,748	11,603	17.8	9.9
Macon.....	614	26,049	23,128	18,458	12.6	25.4	Howard.....	602	16,988	14,076	13,789	20.0	2.1
Madison.....	811	47,041	43,702	38,119	7.6	14.6	Independence.....	702	24,734	22,677	18,863	29.9	21.7
Marion.....	996	39,923	38,315	35,089	4.2	8.8	Jackson.....	142	14,501	13,506	13,038	7.8	3.8
Marshall.....	628	28,553	23,289	18,935	22.6	23.0	Jackson.....	634	23,591	18,583	15,179	27.8	21.1
Mobile.....	1,232	80,854	62,748	51,657	28.9	21.6	Jefferson.....	652	32,774	30,927	29,881	6.8	0.2
Monroe.....	1,026	39,466	36,018	32,606	14.6	24.0	Johnson.....	625	19,668	17,448	16,758	12.9	4.1
Montgomery.....	801	82,178	72,047	56,172	14.1	28.3	Lafayette.....	875	13,741	10,994	7,700	29.7	37.6
Morgan.....	587	33,781	28,820	24,968	17.2	19.9	Lawrence.....	592	20,061	16,491	12,984	21.3	27.0
Perry.....	737	31,222	31,783	29,332	-1.8	8.4	LeFlore.....	561	16,253	16,899	16,825	25.0	2.8
Pickens.....	743	25,655	24,402	22,409	6.6	11.9	Lincoln.....	571	15,113	13,389	10,255	12.9	30.6
Pike.....	611	30,815	29,172	24,423	5.6	19.4	Little River.....	546	13,597	13,721	8,903	-1.0	54.2
Randolph.....	560	24,659	21,647	17,219	13.9	25.7	Logan.....	726	26,300	20,953	20,774	28.1	-1.0
Russell.....	635	26,937	27,083	24,093	4.2	12.4	Lenoir.....	794	14,501	14,501	13,263	24.1	17.7
S. Clair.....	645	29,716	19,425	16,833	6.6	11.9	Madison.....	836	16,055	19,304	17,402	-19.2	14.1
Shelby.....	806	26,949	23,684	20,886	13.8	13.4	Marion.....	646	16,055	11,377	10,390	-10.3	9.5
Sumner.....	629	28,699	32,710	29,574	-12.3	10.0	Miller.....	623	18,555	17,558	14,714	11.4	18.3
Talladega.....	735	37,321	35,773	29,346	6.0	21.9	Mississippi.....	792	20,408	16,894	11,645	36.0	46.8
Talpoona.....	763	31,614	29,612	25,469	5.6	16.6	Monroe.....	699	19,907	16,816	13,926	18.4	9.7
Tuscaloosa.....	1,368	47,459	36,147	30,352	31.6	19.1	Montgomery.....	801	12,453	9,444	7,333	24.1	19.2
Walker.....	777	37,013	25,162	16,978	47.1	56.5	Navajo.....	620	19,344	16,609	14,422	15.5	12.0
Washington.....	1,113	13,284	7,833	2,818	28.8	49.3	Newton.....	846	16,612	12,538	9,950	-15.4	25.6
Wilcox.....	896	33,840	33,631	30,816	-1.1	5.5	Onacha.....	732	21,374	20,862	17,033	4.2	22.7
Winston.....	630	12,858	9,554	6,552	34.6	45.8	Phillips.....	692	32,575	30,561	25,341	26.3	4.8
							Pike.....	601	12,665	10,381	8,537	22.0	20.7

<sup>1</sup> State total includes population (384) specially enumerated in 1890, not distributed by counties.

<sup>2</sup> For changes in boundaries, etc., of counties, see page 53.

<sup>3</sup> State total includes population (3,965) of San Carlos Indian Reservation, not returned by counties in 1900; returned in 1910 in Gila and Graham counties.

<sup>4</sup> State total includes population (28,623) of Indian reservations specially enumerated in 1890, not distributed by counties.

<sup>5</sup> State total includes population (32) specially enumerated in 1890, not distributed by counties.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
		<p><b>ARKANSAS—</b></p> <p>Arkansas—Con. 721 12,791 7,025 4,272 82.1 64.4 Adams<sup>1</sup> 1,262 8,862 155,617 182,155 18.5 18.2</p> <p>Polk<sup>2</sup> 740 14,132 17,352 15,343 21.2 87.7 Arapahoe<sup>1</sup> 1,083 10,289 10,289 0 0 Archuleta<sup>1</sup> 1,220 3,302 2,117 826 56.0 144.2</p> <p>Poppet 828 24,527 21,715 19,458 12.9 11.6 Bac. 2,552 2,516 759 1,479 231.5 48.7</p> <p>Prairie 16,775 67,853 11,875 11,374 16.7 4.4 Bent<sup>1</sup> 1,534 5,943 3,949 1,814 65.4 132.2</p> <p>Pulaski 747 96,731 69,179 47,859 37.8 5.5 Boulder 774 30,330 21,544 14,082 40.8 53.0</p> <p>Randolph 654 18,987 17,156 14,485 10.7 18.4 Chaffee<sup>1</sup> 1,083 7,022 7,085 6,012 7.6 7.2</p> <p>Saline 775 16,657 13,122 11,311 26.9 16.0 Cheyenne 767 3,687 501 1,634 635.9 6.2</p> <p>Scott<sup>1</sup> 970 14,302 13,183 12,655 8.5 4.3 Clear Creek<sup>1</sup> 390 5,001 1,062 7,184 29.4 31.2</p> <p>Searcy<sup>1</sup> 973 14,829 11,829 9,564 26.7 3.5 Com. 1,863 11,285 8,794 7,193 28.3 12.2</p> <p>Sebastian<sup>1</sup> 531 52,278 36,835 33,390 41.5 11.3 Costilla 1,771 15,498 4,632 3,481 18.7 32.7</p> <p>Sevier<sup>1</sup> 372 16,610 16,339 10,072 17.6 62.2 Custer 1,647 2,897 2,970 32.7 1.1</p> <p>Sharp 699 11,688 12,199 10,418 4.2 17.1 Delta 1,201 13,687 5,487 2,534 149.5 116.5</p> <p>Stone 611 8,946 8,100 7,043 10.4 15.0 Denver<sup>1</sup> 213,381 38 38 38 0 0</p> <p>Tulsa 1,995 30,433 22,495 14,777 36.6 50.2 Dolac<sup>1</sup> 1,043 1,134 1,498 45.4 34.3</p> <p>Van Buren 739 13,569 11,220 8,567 20.4 31.0 Douglas 845 3,192 3,120 3,008 2.3 3.8</p> <p>Washington 855 33,884 34,256 32,024 1.1 7.0 Eagle 1,620 2,925 3,008 3,725 0.8 19.2</p> <p>White 1,037 28,574 24,864 22,946 14.9 8.4 El Paso<sup>1</sup> 2,121 43,321 31,602 21,299 37.1 48.8</p> <p>Windsor<sup>1</sup> 573 20,949 16,204 14,099 29.6 16.4 Elbert 1,083 5,331 3,101 1,856 71.9 47.1</p> <p>Yell 855 26,323 22,750 18,015 15.7 26.3 Fremont<sup>1</sup> 1,557 18,181 15,636 9,156 16.3 70.8</p> <p><b>COLORADO</b> 163,685 799,024 539,700 413,249 48.0 30.6</p> <p>Garfield<sup>1</sup> 3,107 10,144 5,835 4,478 73.8 30.3</p> <p>Gilpin 132 4,131 6,690 5,867 38.3 14.0</p> <p>Grand 1,805 1,862 741 604 151.3 22.7</p> <p>Grant 1,083 5,837 3,101 1,856 71.9 47.1</p> <p>Hinsdale 971 646 1,609 862 59.9 86.7</p> <p>Huerfano 1,509 13,220 8,295 6,882 58.7 22.0</p> <p>Jackson<sup>1</sup> 1,632 1,013 26.1 26.1</p> <p>Jefferson<sup>1</sup> 838 14,231 9,206 8,450 52.9 10.1</p> <p>Johnson 1,791 2,899 1,243 1,243 0 0</p> <p>Kit Carson 2,189 7,483 1,580 2,472 373.6 36.1</p> <p>Lake 1,831 10,812 9,016 5,509 54.1 118.5</p> <p>Lake 371 10,600 18,054 14,663 41.3 23.1</p> <p>Larimer<sup>1</sup> 2,629 33,620 12,168 9,712 107.7 25.3</p> <p>Las Animas 2,579 34,829 33,401 33,401 0 0</p> <p>Lincoln 2,570 5,917 925 689 539.0 34.4</p> <p>Logan 1,822 9,549 3,292 3,070 190.1 7.2</p> <p>Minn. 3,163 2,127 9,267 4,260 139.5 117.5</p> <p>Miss. 1,299 1,913 1,913 0 0</p> <p>Montezuma 2,054 8,929 3,058 2,058 33.2 4.3</p> <p>Montrose 2,264 10,291 4,535 3,980 126.9 13.9</p> <p>Morgan 1,286 9,577 3,268 1,601 193.1 104.1</p> <p>Otero 2,067 20,201 11,522 6,192 75.3 174.9</p> <p>Ouray 519 3,514 4,141 4,150 25.7 27.3</p> <p>Park<sup>1</sup> 2,212 2,492 2,298 3,348 16.9 45.3</p> <p>Phillips 688 3,179 1,583 2,642 100.8 40.1</p> <p>Piute 1,019 4,566 7,020 8,929 35.5 21.4</p> <p>Prowers 1,630 9,250 3,766 1,969 152.8 91.3</p> <p>Pueblo 2,433 52,223 34,448 31,481 51.6 3.4</p> <p>Rio Blanco 3,223 3,490 1,900 1,900 38.0 43.0</p> <p>Rio Grande 898 6,563 4,080 3,451 60.9 18.2</p> <p>Routt 6,967 7,561 3,651 2,369 106.5 54.5</p> <p>Saguache 3,133 4,160 3,853 3,313 8.0 16.3</p> <p>San Juan 453 3,463 3,063 2,362 30.8 48.0</p> <p>San Juan 1,288 5,099 5,379 2,909 12.6 84.9</p> <p>Seaward 531 3,061 971 1,293 215.2 24.9</p> <p>Summit 649 2,003 2,744 1,906 27.0 44.0</p> <p>Teller 547 14,351 29,092 0 0</p> <p>Washington 617 6,901 1,241 2,301 18.1 38.1</p> <p>Yield 4,022 39,177 16,808 11,736 133.1 43.2</p> <p>Yuma<sup>1</sup> 2,367 8,499 1,729 2,586 39.1 6 33.4</p> <p><b>CONNECTICUT</b> 4,820 1,114,756 908,420 746,268 22.7 21.7</p> <p>Fairfield 631 245,322 184,203 150,081 33.2 22.7</p> <p>Hartford 729 250,182 195,480 147,180 36.9 32.8</p> <p>Middletown 925 70,302 63,072 53,949 10.3 18.3</p> <p>Middlesex 359 45,637 41,760 39,524 9.3 5.7</p> <p>New Haven 603 337,282 269,163 209,055 25.3 28.8</p> <p>New London 659 69,233 82,738 75,634 10.3 8.0</p> <p>Tolland 404 26,439 24,823 25,081 7.9 22.2</p> <p>Windham 600 48,381 46,861 45,158 3.2 3.8</p> <p><b>DELAWARE</b> 1,965 202,322 184,758 168,489 9.5 9.6</p> <p>Kent 617 32,721 32,762 32,664 0.1 0.3</p> <p>New Castle 435 133,158 109,697 97,182 12.3 9.3</p> <p>Sussex 913 46,413 42,276 38,647 8.8 9.4</p> <p><b>DIST. COLUMBIA</b> 60 331,069 278,718 230,392 18.8 21.0</p> <p>District of Columbia 60 331,069 278,718 230,392 18.8 21.0</p>											

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.

<sup>2</sup> See heading to table, page 32.

State total includes population (2,298) of Indian reservations specially enumerated in 1890, not distributed by counties.

State total includes population (1,051) of Indian reservations specially enumerated in 1890, not distributed by counties.

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-	1890-			1910	1900	1890	1900-	1890-
					1900	1890						1900	1890
<b>FLORIDA</b>	<b>54,861</b>	<b>752,619</b>	<b>528,542</b>	<b>391,422</b>	<b>42.4</b>	<b>35.0</b>	<b>GEORGIA—Con.</b>						
Alachua.....	1,262	34,905	32,545	22,934	6.4	40.6	Columbia.....	350	12,828	10,633	11,281	15.7	-5.6
Baker.....	387	4,805	4,516	3,333	6.4	33.5	Coweta.....	470	20,800	24,980	22,354	15.3	11.7
Bradford.....	1,399	14,949	10,205	7,510 <sup>-</sup>	36.9	37.0	Crawford.....	319	8,310	10,368	9,315	-19.8	11.3
Brevard.....	1,625	4,717	5,158	3,491	-8.5	51.7	Dade.....	277	16,529	15,707	15,707	0.0	0.0
Calhoun.....	1,162	9,465	5,142	1,681	45.5	203.3	Dade.....	186	4,139	5,578	9,705	-9.6	-11.8
Citrus.....	620	6,731	5,391	2,394	24.9	125.2	Dawson.....	216	4,685	5,442	5,612	-13.9	-3.0
Clay.....	617	6,116	5,615	5,154	8.5	9.3	Decatur.....	823	29,045	29,454	19,949	-1.4	47.6
Columbia.....	792	17,689	17,094	12,877	3.5	32.7	DeKalb.....	272	27,881	21,117	17,189	32.1	22.8
Dade.....	2,283	11,833	4,855	891	140.8	473.5	Dodge.....	431	10,201	13,975	11,452	44.0	22.6
De Soto.....	3,754	14,200	8,047	4,944	76.5	62.8	Duval.....	397	20,554	26,567	18,146	-22.6	46.4
Duval.....	686	75,163	39,733	26,800	89.2	48.2	Dougherty.....	342	16,035	13,679	12,206	17.2	12.1
Escambia.....	757	38,629	29,213	20,188	34.3	40.3	Douglas.....	208	8,953	8,745	7,794	2.4	12.2
Franklin.....	541	5,201	4,800	3,308	48.7	48.8	Early.....	524	18,122	14,828	13,272	22.2	51.4
Gadsden.....	540	22,198	15,294	11,894	45.1	28.6	Etowah.....	362	9,399	8,079	3.1	4.2	
Hamilton.....	528	11,825	11,881	8,507	-0.5	39.7	Etowah.....	448	9,971	8,334	5,599	19.6	48.8
Hernando.....	497	4,997	3,638	2,476	37.4	46.9	Etowah.....	361	24,125	19,729	15,376	22.3	28.3
Hillsboro.....	1,329	78,374	36,613	14,941	117.6	141.0	Etowah.....	935	25,140	21,279	14,703	18.1	44.7
Manatee.....	1,272	11,357	7,642	4,396	79.0	79.0	Etowah.....	124	12,574	11,724	12,283	28.4	6.0
Jackson.....	915	29,821	23,377	17,544	27.6	33.2	Fayette.....	234	10,966	10,114	8,738	8.4	15.9
Jefferson.....	585	17,210	16,195	15,757	6.3	2.8	Floyd.....	502	36,796	33,113	28,391	10.9	16.9
Lafayette.....	1,244	6,710	4,967	3,656	34.5	35.3	Forsyth.....	247	11,940	11,550	11,155	3.4	3.5
Lake.....	1,047	9,569	7,487	8,034	27.3	-7.1	Franklin.....	279	17,894	17,700	14,670	1.1	20.7
Levy.....	4,333	11,294	3,071	1,043	104.9	117.2	Fulton.....	182	17,778	17,363	16,655	31.4	38.6
Leon.....	715	19,427	19,887	17,752	-2.3	12.0	Gilmer.....	440	9,237	10,198	9,074	-3.4	12.4
Liberty.....	1,143	10,361	8,603	6,585	20.4	30.6	Glascok.....	170	4,669	4,516	3,720	3.4	21.4
Madison.....	823	4,700	2,956	1,452	29.0	103.6	Glynn.....	430	15,720	14,317	13,420	9.8	6.7
Manatee.....	719	10,919	9,466	14,316	9.5	7.9	Gordon.....	375	15,861	14,119	12,758	12.3	10.7
Marion.....	1,337	9,559	8,989	4,628	61.4	89.1	Grady.....	61	18,457	18,457	18,457	0.0	0.0
Marion.....	1,647	26,941	24,403	20,796	10.4	17.3	Greene.....	416	18,812	16,542	17,051	11.9	-3.0
Monroe.....	1,100	21,563	18,006	18,786	19.8	-4.2	Gwinnett.....	491	25,824	25,585	19,899	12.7	28.6
Nassau.....	630	10,525	9,654	8,294	9.0	16.4	Habersham.....	290	10,134	13,064	11,573	-23.5	17.5
Orange.....	1,250	19,167	11,374	4,843	-9.7	63.0	Hall.....	447	45,758	29,725	18,007	24.9	15.6
Ocala.....	1,272	5,507	5,444	3,133	59.9	9.9	Hancock.....	190	11,589	18,277	19,149	5.0	6.6
Palm Beach.....	3,048	5,577	6,084	4,249	23.9	42.5	Harrison.....	284	13,514	11,922	11,316	13.4	5.4
Pasco.....	767	7,502	6,084	4,249	23.9	42.5	Harris.....	501	17,886	15,009	16,797	-6.7	7.2
Polk.....	1,967	29,148	12,472	7,905	93.6	67.8	Hart.....	261	16,216	14,492	10,887	11.9	33.1
Putnam.....	1,272	11,641	11,181	8,183	12.5	4.1	Hart.....	321	11,165	14,417	13,057	0.0	17.0
St. John.....	966	13,208	9,465	8,712	44.1	5.2	Henry.....	324	19,927	18,602	16,229	7.1	14.7
St. Lucie.....	1,395	4,675	4,675	4,675	0.0	0.0	Houston.....	585	25,669	22,641	21,613	4.3	4.8
Santa Rosa.....	1,546	14,897	10,293	7,961	44.7	29.3	Iron.....	378	10,463	11,645	11,645	-0.0	16.0
Sumter.....	583	6,696	6,187	5,233	8.2	15.4	Jackson.....	433	30,169	24,639	19,176	25.5	25.4
Suwannee.....	602	18,013	14,564	10,524	27.8	38.3	Jasper.....	321	16,353	18,083	18,779	10.1	8.3
Taylor.....	1,064	7,103	3,999	2,122	77.6	88.5	Jeff Davis.....	300	6,050	6,050	6,050	0.0	0.0
Volusia.....	1,256	16,510	16,003	8,467	65.1	18.1	Jefferson.....	720	21,579	18,212	17,213	17.4	5.8
Wakulla.....	602	4,802	5,149	3,117	-6.7	65.2	Jenkins.....	342	11,539	11,539	11,539	0.0	0.0
Walton.....	1,382	13,600	9,346	4,816	76.1	94.1	Johnson.....	262	12,897	11,469	6,139	13.0	86.1
Washington.....	1,435	16,163	10,154	6,426	61.5	5.0	Jones.....	317	13,103	13,338	12,709	-1.9	5.1
<b>GEORGIA</b>	<b>58,725</b>	<b>2,609,121</b>	<b>2,218,331</b>	<b>1,837,343</b>	<b>17.7</b>	<b>20.6</b>	Laurens.....	806	35,908	29,908	13,747	37.0	88.5
Appling.....	604	12,318	12,336	8,676	-0.1	42.2	Lee.....	236	11,679	10,344	9,074	12.9	14.0
Baker.....	307	7,973	7,704	6,144	18.9	9.1	Liberty.....	395	10,344	13,063	12,887	-1.3	1.6
Badwin.....	397	37,154	34,708	14,608	3.3	21.6	Lincoln.....	291	8,714	7,156	6,146	21.8	16.4
Baldwin.....	397	37,154	34,708	14,608	3.3	21.6	Lowndes.....	482	24,434	20,006	15,102	32.2	32.7
Bartow.....	471	25,388	20,823	20,616	21.9	1.0	Lumpkin.....	290	5,446	7,433	8,067	-26.8	8.2
Ben Hill.....	256	11,863	9,440	6,178	53.2	56.2	Madison.....	287	10,545	9,104	8,259	23.3	3.5
Berrien.....	225	22,772	19,440	10,694	17.1	81.8	McIntosh.....	470	6,442	6,437	4,047	-1.5	1.0
Bibb.....	737	26,546	26,473	42,370	12.2	19.1	Macon.....	369	15,016	10,933	13,873	6.5	6.9
Brocken.....	602	23,822	19,602	10,524	27.8	38.3	Madison.....	284	16,831	13,224	11,024	27.4	20.4
Bryan.....	431	6,702	6,122	5,520	9.5	10.9	Marion.....	369	9,147	10,090	7,728	-9.3	30.0
Bulloch.....	887	26,464	21,377	13,712	23.8	55.9	Meriwether.....	321	18,986	18,986	18,986	0.0	0.0
Burke.....	956	27,208	30,165	28,501	-9.6	5.8	Miller.....	253	7,986	6,319	4,275	26.4	47.8
Butts.....	203	12,805	10,623	8,438	22.4	21.1	Murray.....	145	7,239	6,703	6,208	7.0	8.9
Calhoun.....	484	11,534	9,274	8,438	22.4	21.1	Muscogee.....	235	26,227	29,836	27,701	21.4	7.5
Camden.....	213	7,690	7,609	6,178	0.3	24.1	Newton.....	235	18,493	16,734	14,310	10.2	16.9
Campbell.....	213	10,874	9,518	9,115	14.2	4.4	Oconee.....	172	11,044	8,692	7,713	29.1	11.5
Carroll.....	492	30,455	26,576	22,301	16.1	19.2	Oglethorpe.....	594	18,680	17,881	16,951	4.5	5.5
Charlton.....	602	7,184	5,853	5,431	23.4	7.1	Paulding.....	324	14,124	12,969	11,948	8.9	8.5
Chatahoochee.....	318	5,586	5,290	4,902	-3.5	18.1	Pikens.....	231	9,041	8,641	8,182	4.6	5.6
Chattooga.....	328	13,268	12,952	11,262	5.1	15.6	Pierce.....	465	10,749	10,749	10,749	0.0	0.0
Cherokee.....	429	18,664	15,243	15,243	9.3	-1.1	Pike.....	307	19,465	18,761	16,800	3.9	15.1
Clarke.....	114	23,773	17,708	15,186	31.4	16.9	Polk.....	317	20,203	17,856	14,945	13.1	19.7
Clay.....	203	8,960	8,508	7,817	4.6	9.6	Pulaski.....	453	23,823	18,480	16,559	23.5	11.1
Clayton.....	142	10,453	9,598	8,295	8.9	15.7	Putnam.....	394	13,576	14,535	14,535	3.3	-9.5
Columbia.....	981	8,224	8,732	6,732	31.3	31.3	Quitman.....	144	4,264	4,264	4,264	0.0	0.0
Cobb.....	353	29,397	24,044	22,286	15.1	10.7	Quitman.....	144	4,264	4,264	4,264	0.0	0.0
Coffee.....	901	21,953	16,169	10,483	35.8	8.4	Quitman.....	144	4,264	4,264	4,264	0.0	0.0
Colquitt.....	229	19,789	13,630	4,794	45.1	184.4	Quitman.....	144	4,264	4,264	4,264	0.0	0.0

\* For changes in boundaries, etc., of counties, see page 63.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.												
			1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900											
<b>GEORGIA—Con.</b>													<b>ILLINOIS—Con.</b>												
Richmond	319	58,886	53,735	45,194	9.6	18.9	Bureau	851	43,975	41,112	35,014	7.0	17.4												
Rockdale	119	8,916	7,515	6,813	18.6	10.3	Cabell	286	8,610	5,917	7,652	-3.4	2.5												
Schley	154	5,313	5,426	5,453	-2.2	1.9	Caldwell	462	18,058	15,963	18,229	-9.2	11.9												
Scriven	794	20,202	19,292	14,424	4.9	33.5	Cass	371	17,472	17,222	15,963	6.9	13.0												
Spalding	299	19,741	17,619	13,117	12.0	34.3	Champaign	1,043	51,829	47,622	42,159	8.8	19.9												
Stevens	166	9,728					Christian	790	34,594	32,790	30,531	5.5	7.4												
Stewart	411	13,437	15,856	15,682	-15.3	1.1	Clark	493	23,517	24,033	21,899	-2.1	9.7												
Sumner	456	29,052	26,212	22,107	11.0	18.6	Clatsop	462	18,961	19,533	16,772	-4.6	7.6												
Talbot	312	11,026	12,157	13,253	-4.7	0.0	Clinton	483	22,832	19,824	17,411	15.2	13.9												
Taliaferro	212	8,766	7,912	7,291	10.8	8.5	Coles	525	34,917	34,146	30,093	1.1	15.5												
Tatnall	642	18,569	20,419	10,283	-5.1	99.2	Cook	933	2,405,233	1,808,735	1,911,922	30.8	54.3												
Taylor	340	10,339	9,846	8,099	10.0	21.3	Crawford	452	26,281	19,249	17,283	36.6	11.3												
Telfair	373	13,288	10,983	5,477	31.8	81.1	Cumberland	383	14,281	16,124	15,443	-1.4	4.4												
Terrell	322	22,063	19,023	14,933	15.7	34.2	DeKalb	638	33,457	31,756	27,066	5.4	17.3												
Thomas	1,630	29,071	31,079	26,154	-6.5	18.8	Dewitt	415	18,906	18,972	17,011	-0.3	11.5												
Trift	243	11,487					Douglas	417	19,591	19,097	17,069	2.6	8.1												
Tuolumee	317	11,206					Dupage	345	33,452	28,196	22,551	18.6	25.0												
Towns	181	3,592	4,748	4,064	-17.2	16.8	Edgar	211	27,397	26,273	24,273	4.5	8.1												
Troup	435	26,228	24,002	20,723	9.3	15.8	Edwards	238	10,449	10,345	9,444	-2.9	9.5												
Turner	251	10,075					Efingham	511	20,055	20,465	19,458	-2.0	8.7												
Twiggs	314	10,736	8,710	8,195	23.2	6.4	Fayette	720	28,075	28,065	23,307	(*)	20.1												
Union	324	6,918	8,481	7,749	-18.4	9.4	Floyd	300	17,096	18,359	17,035	-0.9	7.8												
Walker	452	18,092	15,661	13,282	14.0	17.9	Franklin	445	25,943	19,673	17,138	31.9	14.8												
Walton	370	25,398	20,942	17,467	21.3	19.9	Fulton	884	49,459	46,201	43,119	-7.2	7.2												
Ware	340	12,737	13,670	12,188	-6.7	12.2	Gallatin	338	14,628	15,836	14,933	-7.6	6.0												
Warren	404	11,890	11,463	10,937	3.5	4.6	Greene	515	22,363	23,402	23,791	-4.4	-1.6												
Washington	669	28,174	28,227	25,237	-0.2	11.8	Hamilton	455	24,162	24,136	21,524	-1.1	13.8												
Wayne	764	13,069	9,449	4,583	38.3	26.2	Hancock	176	15,227	10,917	17,909	-9.8	5.1												
Webster	302	6,151	6,618	5,695	-7.1	16.2	Hardin	180	30,338	32,215	31,907	-4.9	1.0												
White	245	5,110	5,912	6,151	-13.6	-3.9	Henderson	588	9,724	10,836	9,876	-10.3	9.7												
Wilcox	288	15,834	14,609	12,916	-13.6	12.3	Henry	824	41,738	40,049	33,538	-4.2	23.8												
Wilson	403	13,486	11,097	7,980	21.5	39.1	Iroquois	3121	25,543	38,014	35,167	-6.5	8.1												
Willis	438	23,441	20,846	18,681	12.3	15.4	Jackson	588	35,143	33,871	27,809	3.8	21.8												
Winston	403	10,678	11,449	10,783	-11.9	6.9	Jasper	528	18,157	20,160	19,188	-3.9	19.8												
Worth	651	19,147	18,664	10,048	2.6	85.7	Jefferson	603	29,111	28,133	22,590	3.5	24.5												
<b>IDAHO</b>													<b>KANSAS</b>												
Ada	1,136	29,088	11,559	8,568	161.8	88.1	Kankakee	678	40,752	37,154	28,752	9.7	29.3												
Bannock	3,179	19,242	11,702	6.4	6.4	Kendall	324	10,777	11,467	12,106	-6.0	-3.3													
Bear Lake	942	7,729	7,051	5,057	9.6	16.4	Knox	1,416	46,159	43,612	38,752	5.8	12.5												
Bingham	4,116	25,396	10,447	13,575	123.1	*30.0	Lake	455	55,058	87,776	80,798	-2.7	8.6												
Blaine	6,120	8,387	4,900		71.2		Lawrence	338	22,661	16,523	14,693	37.1	12.5												
Boise	3,469	5,250	4,174	3,942	25.8	74.9	Lee	742	27,759	20,994	28,187	-1.2	14.2												
Bonner	1,283	25,323	7,497		237.8		Livingston	1,043	40,465	42,035	38,455	-3.7	9.3												
Canyon	1,283	25,323	7,497		237.8		Logan	630	30,216	28,480	25,469	8.4	12.5												
Cassia	2,511	7,197	3,951	3,143	82.2	25.7	McDonough	488	29,887	28,412	24,642	-4.4	14.6												
Custer	4,489	5,001	2,049	1,370	66.5	56.8	McHenry	687	32,059	29,759	26,114	9.2	14.6												
Elmore	2,665	4,785	2,286	1,870	109.3	22.2	McLean	1,151	68,008	67,843	63,039	0.2	7.6												
Franklin	6,009	24,608	12,821		91.9		Macon	885	54,198	44,003	38,083	23.1	15.0												
Idaho	11,012	12,284	9,121	2,847	298.7		Macoupin	860	50,565	42,256	40,580	15.9	4.6												
Kootenai	2,043	22,747	16,216	4,108	122.7	*130.4	Madison	737	89,847	64,694	51,535	39.9	25.5												
Latah	1,128	18,818	13,451	9,173	39.9	46.6	Marshall	569	35,094	30,446	24,341	13.3	25.1												
Lemhi	4,867	4,786	3,446	1,915	38.9	*54.6	Massac	396	15,679	16,370	13,653	-4.2	19.9												
Lincoln	3,283	12,676	1,784		610.5		Mason	355	17,377	17,491	16,007	-0.7	8.9												
Nez Percé	3,814	29,869	13,748		83.8		Massou	240	14,209	13,110	11,313	-6.3	12.9												
Owyhee	2,655	19,170	8,933	6,819	69.8	31.0	Menard	517	12,796	14,336	13,120	-10.7	9.3												
Owhee	7,888	4,044	3,804	2,021	6.3	88.2	Merced	540	19,723	20,945	18,545	-5.8	12.9												
Shoshone	2,579	12,963	11,930	5,362	18.8	122.0	Monroe	389	13,508	13,847	12,948	-2.4	6.9												
Twin Falls	1,888	13,543					Montgomery	869	35,611	30,836	30,003	14.5	2.9												
Washington	2,871	11,161	6,882	3,836	61.3	79.4	Morgan	346	34,420	35,000	32,636	-1.7	7.5												
<b>ILLINOIS</b>													<b>MISSOURI</b>												
Adams	842	64,558	67,058	61,888	-3.7	8.4	Monterey	388	14,630	15,224	14,481	-3.9	5.1												
Alexander	226	22,741	19,384	16,563	17.3	17.0	Moultrie	388	14,630	15,224	14,481	-3.9	5.1												
Barr	288	17,075	16,078	14,950	6.2	10.5	Ogle	756	27,654	29,129	28,710	-4.3	1.5												
Boone	293	19,81	16,791	12,263	17.2	29.4	Peoria	636	100,255	88,498	70,378	13.1	25.9												
Brown	297	10,397	11,557	11,951	-10.0	-3.3	Perry	451	22,288	19,830	17,329	11.4	13.1												
<b>INDIANA</b>													<b>MISSOURI</b>												
Adams	842	64,558	67,058	61,888	-3.7	8.4	Pike	786	28,622	31,995	31,000	-9.4	1.9												
Alexander	226	22,741	19,384	16,563	17.3	17.0	Pope	885	11,215	13,885	14,616	-1.4	-3.1												
Barr	288	17,075	16,078	14,950	6.2	10.5	Putnam	190	15,650	14,354	11,355	7.5	28.2												
Boone	293	19,81	16,791	12,263	17.2	29.4	Randolph	173	7,501	4,746	4,730	69.3	0.3												
Brown	297	10,397	11,557	11,951	-10.0	-3.3	Richardson	357	15,970	16,391	15,019	-2.6	9.1												

\* For changes in boundaries, etc., of counties, see page 32.  
 † Includes land area (31 square miles) of that part of Yellowstone National Park in Idaho. No population reported.  
 ‡ State total includes population (4,163) of Indian reservations specially enumerated in 1890, not distributed by counties; also, population (6,788) of Alturas and Logan Counties, taken to form Blaine and Lincoln Counties in 1888.  
 § State total includes population (1) specially enumerated in 1890, not credited to any county.  
 ¶ Less than one-tenth of 1 per cent.

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

TABLE 13—Con.		POPULATION.			PER CENT OF INCREASE.		POPULATION.		PER CENT OF INCREASE.								
COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.					
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900				
<b>ILLINOIS—Con.</b>																	
Rock Island.....	424	70,494	55,349	41,917	27.4	31.8	Newton.....	405	10,504	10,448	8,803	0.5	18.7				
St. Clair.....	424	119,870	85,885	68,271	38.3	30.2	Noble.....	417	24,009	23,333	20,539	2.0	0.7				
Saline.....	359	30,204	21,683	16,342	39.3	12.1	Ohio.....	85	4,329	4,724	4,955	-8.4	-4.7				
Sangamon.....	876	94,024	64,575	61,185	27.1	17.0	Orleans.....	407	17,192	16,854	16,578	2.0	14.8				
Schuyler.....	422	14,852	16,129	17,917	-7.9	4.7	Owen.....	393	14,053	15,149	15,490	-7.2	0.7				
Scott.....	249	10,067	10,455	10,304	-3.7	1.5	Parke.....	447	22,214	23,000	20,296	-2.4	13.3				
Shelby.....	772	34,693	32,126	31,191	-1.3	3.0	Perry.....	384	18,078	18,778	18,240	-3.7	2.9				
Stark.....	290	10,098	10,186	9,982	-0.9	2.0	Pike.....	338	19,654	20,486	18,544	-1.9	10.5				
Stephenson.....	359	26,133	24,433	23,738	5.4	11.5	Polk.....	407	29,740	19,173	18,052	7.1	6.2				
Tazewell.....	647	24,427	33,221	29,556	2.4	12.4	Popple.....	402	21,670	22,333	21,529	-3.0	3.7				
Union.....	403	21,856	22,610	21,549	-3.3	4.9	Pulaski.....	432	13,312	14,033	11,233	-5.1	24.9				
Vermilion.....	921	77,966	65,635	49,995	18.8	31.5	Putnam.....	483	20,520	21,473	22,335	-4.7	-3.8				
Wabash.....	220	10,098	10,186	9,982	-0.9	2.0	Randolph.....	447	29,013	28,653	28,985	1.3	2.6				
Warren.....	546	20,313	20,163	19,281	6.8	6.8	Richland.....	222	9,914	11,840	12,214	-16.3	-5.4				
Washington.....	561	18,759	19,526	19,262	-3.9	1.4	Rush.....	409	19,349	20,148	19,034	-4.0	5.9				
Wayne.....	733	85,697	67,620	52,888	-9.0	16.0	St. Joseph.....	460	84,312	58,881	42,457	43.2	38.7				
White.....	507	23,032	25,386	25,005	-0.2	1.5	Scott.....	190	8,323	8,307	7,833	0.2	6.1				
Whiteside.....	679	24,507	34,710	30,854	-0.6	12.5	Shelby.....	402	29,676	26,491	25,654	1.2	4.1				
Will.....	844	84,371	74,764	62,007	12.8	20.0	Spencer.....	305	10,567	10,431	7,339	1.3	42.1				
Williamson.....	449	45,098	37,796	22,226	6.2	25.1	Stark.....	305	10,567	10,431	7,339	1.3	42.1				
Winnebago.....	329	68,153	47,945	29,838	32.0	19.8	Steuben.....	305	14,274	15,219	14,478	-6.2	5.1				
Woodford.....	528	20,506	20,272	21,429	-6.0	1.8	Sullivan.....	460	32,439	26,005	21,877	24.7	18.9				
<b>INDIANA</b>																	
	<b>36,045</b>	<b>2,700,878</b>	<b>2,516,482</b>	<b>2,192,404</b>	<b>7.3</b>	<b>14.8</b>	Tippecanoe.....	503	40,063	38,659	35,078	3.6	10.2				
Adams.....	337	21,861	22,232	22,181	-1.8	10.2	Tipton.....	290	17,459	19,116	18,157	-8.7	5.3				
Allen.....	661	93,386	77,620	60,689	20.9	15.9	Union.....	162	6,200	6,748	7,006	-7.2	-3.0				
Bartholomew.....	403	24,433	24,594	24,594	0.0	15.9	Vanderburg.....	203	77,438	71,769	69,699	7.9	20.7				
Benton.....	408	12,888	13,123	11,903	-3.3	10.2	Vermilion.....	402	19,654	22,007	22,007	0.0	2.7				
Blackford.....	168	15,820	17,213	10,461	-3.1	64.5	Vigo.....	409	87,930	62,035	50,195	41.7	23.6				
Boone.....	427	24,673	26,321	26,572	-6.3	-0.9	Wabash.....	425	26,926	28,233	27,426	-4.6	4.1				
Brown.....	324	7,975	9,727	10,308	-18.0	-6.6	Warren.....	268	10,899	11,371	10,955	-4.2	3.8				
Butler.....	309	17,570	19,933	20,692	-9.5	3.9	Warrick.....	392	21,911	22,329	21,161	-1.9	5.5				
Cass.....	416	26,368	34,545	31,152	5.3	10.9	Washington.....	409	15,443	16,019	16,019	0.0	1.4				
Clark.....	375	30,260	31,535	30,259	-4.9	5.2	Wayne.....	411	43,757	38,870	37,628	12.3	3.8				
Clay.....	361	32,535	34,285	30,536	-5.1	12.3	Wells.....	365	15,757	23,449	21,514	-14.4	9.0				
Clinton.....	408	26,674	28,202	27,570	-5.4	3.0	White.....	507	17,602	19,138	15,761	-8.0	22.1				
Crawford.....	303	12,433	13,476	13,476	-3.3	0.0	Whitley.....	338	16,892	17,328	17,678	-2.5	-2.5				
Davies.....	433	27,477	29,914	26,227	-7.2	14.1	<b>IOWA</b>					<b>55,598</b>	<b>2,224,771</b>	<b>2,231,855</b>	<b>1,912,297</b>	<b>-0.3</b>	<b>16.7</b>
Dearborn.....	313	21,396	22,194	23,264	-2.6	-5.0	Adair.....	573	14,420	16,192	14,534	-10.9	11.4				
Decatur.....	378	18,793	19,518	19,277	-3.7	1.3	Adams.....	427	19,098	19,001	12,292	-19.1	10.6				
Delaware.....	392	51,414	49,624	39,131	3.6	64.7	Alfalfa.....	639	17,328	18,711	17,907	-7.4	4.5				
Dubois.....	427	19,843	20,357	20,223	-2.5	0.5	Appanoose.....	513	28,701	25,927	18,961	10.7	36.7				
Elkhart.....	462	49,008	46,052	39,201	8.8	14.9	Audubon.....	442	12,671	13,626	12,142	-7.0	9.8				
Fayette.....	216	14,415	13,495	12,630	6.8	6.8	Benton.....	712	23,156	25,177	24,178	-8.0	4.1				
Floyd.....	148	30,293	30,118	29,468	0.6	2.2	Blackhawk.....	595	44,863	32,399	24,219	38.5	33.8				
Fontana.....	395	20,439	21,446	19,538	-4.7	9.7	Boone.....	599	27,626	28,200	23,772	-2.0	18.6				
Franklin.....	394	15,335	16,088	18,365	-6.4	16.8	Bremser.....	434	15,843	16,305	14,630	-2.8	11.4				
Fulton.....	367	36,879	37,946	36,346	-3.3	4.2	Buchanan.....	507	17,468	18,427	18,927	-4.8	2.6				
Gibson.....	485	30,137	30,699	24,929	0.1	23.8	Bureau Vista.....	517	15,881	16,879	15,548	-5.9	25.3				
Grant.....	621	31,423	34,093	40,493	-9.0	4.9	Butler.....	408	17,719	17,877	14,438	0.9	18.7				
Greene.....	454	36,873	28,530	24,373	29.2	17.0	Cahoon.....	598	19,089	18,565	13,107	-8.0	41.7				
Hamilton.....	399	27,026	29,914	28,123	-6.7	14.5	Carroll.....	551	20,117	20,319	18,628	-1.0	7.9				
Hancock.....	307	19,629	19,849	18,548	-0.8	8.4	Cass.....	504	21,274	19,654	16,854	-10.8	8.5				
Harrison.....	486	26,232	21,702	20,786	-6.8	4.4	Cedar.....	570	17,765	18,131	18,253	-8.3	6.1				
Henricks.....	498	20,840	21,292	21,498	-2.1	-1.0	Cerro Gordo.....	507	25,011	20,772	14,644	21.0	39.1				
Henry.....	397	29,758	25,098	23,879	18.6	5.1	Cherokee.....	573	16,741	16,570	15,569	-0.9	4.8				
Howard.....	394	33,177	28,575	27,181	16.1	9.1	Chickasaw.....	407	13,019	13,019	15,000	-13.4	13.4				
Huntington.....	386	28,982	28,901	27,644	0.3	4.5	Clark.....	528	18,736	12,440	11,382	-13.7	9.8				
Jackson.....	518	24,727	26,633	24,129	-7.2	10.3	Clarke.....	563	12,768	13,401	9,309	-4.7	44.0				
Jasper.....	362	13,044	14,292	11,185	-8.7	27.8	Clayton.....	702	25,576	27,750	26,793	-7.8	6.8				
Jay.....	575	24,961	26,818	23,478	-6.9	14.2	Clinton.....	602	45,894	43,832	41,263	3.6	4.8				
Jefferson.....	394	39,483	22,032	24,507	-10.6	-6.5	Crawford.....	317	17,081	17,081	15,864	-7.6	11.5				
Jennings.....	383	14,203	15,757	14,068	-9.9	9.9	Dallas.....	539	23,628	23,658	20,479	-2.5	12.6				
Johnson.....	322	29,294	20,223	19,611	0.6	3.4	Davis.....	501	13,315	15,620	15,298	-14.8	2.4				
Knox.....	510	39,183	32,746	28,044	19.7	16.8	Decatur.....	533	16,347	18,115	15,643	-9.3	15.8				
Kosciusko.....	541	27,826	29,169	26,645	-4.0	1.6	Delaware.....	571	17,888	19,185	17,349	-6.8	10.6				
Laporte.....	387	15,188	15,284	15,016	-0.9	9.1	Des Moines.....	408	20,145	33,889	35,374	0.4	1.9				
Lake.....	492	82,864	37,892	29,886	118.7	58.6	Dickinson.....	376	8,137	7,995	4,928	1.8	84.7				
Laporte.....	595	45,797	38,360	34,445	19.3	11.4	Dubuque.....	601	57,450	56,403	49,948	1.9	13.1				
Lawrence.....	456	30,625	25,729	19,729	19.0	30.0	Emmet.....	393	9,816	9,936	4,274	-1.2	132.5				
Madison.....	433	63,224	47,470	36,357	-7.4	30.1	Fayette.....	724	27,529	29,845	23,141	-6.5	29.9				
Marion.....	403	26,665	197,227	147,156	33.7	49.9	Floyd.....	405	17,719	17,719	15,424	-3.0	13.4				
Marshall.....	441	24,175	25,119	23,818	-3.7	5.5	Franklin.....	578	14,780	14,996	12,871	-1.4	16.5				
Martin.....	339	12,950	14,711	13,973	-12.0	5.3	Fremont.....	507	15,623	18,546	16,842	-18.8	10.1				
Miami.....	381	23,350	28,844	25,823	3.5	9.8	Greene.....	574	16,023	17,820	15,797	-10.1	12.8				
Madison.....	381	23,350	28,844	25,823	3.5	9.8	Hamilton.....	570	19,242	19,514	15,319	-1.4	27.4				
Montgomery.....	501	29,296	29,388	28,025	-0.3	4.9											
Morgan.....	496	21,182	20,457	18,643	3.5	9.7											

1 State total includes population (401) of Indian reservations specially enumerated in 1890, not distributed by counties.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.					PER CENT OF INCREASE.	COUNTY.	Land area in square miles: 1910	POPULATION.					PER CENT OF INCREASE.										
		1910	1900	1890	1900-1910	1890-1900				1910	1900	1890	1900-1910	1890-1900											
<b>IOWA—Con.</b>													<b>KANSAS—Con.</b>												
Hancock.....	570	12,731	13,752	7,621	-7.4	80.4	Coffey.....	644	15,205	16,643	15,856	-8.6	5.0												
Hardin.....	569	20,921	22,794	19,003	-8.2	19.9	Comanche.....	788	3,281	2,169	2,549	102.7	-3.5												
Harrison.....	491	11,622	12,815	21,873	70.7	13.3	Cowley.....	133	3,078	2,178	3,575	84.8	-4.7												
Henry.....	427	18,440	20,022	18,835	-6.9	6.0	Crawford.....	605	51,178	38,809	30,286	31.9	28.1												
Howard.....	468	12,920	14,512	11,182	-11.0	29.8	Decatur.....	891	8,976	9,234	8,414	-2.8	9.7												
Humboldt.....	431	12,182	12,667	9,836	-3.8	28.8	Dickinson.....	338	24,261	21,816	22,273	11.7	-2.1												
Ia.....	430	11,296	12,367	10,705	-4.4	15.2	Doniphan.....	878	14,462	15,079	15,535	-4.4	11.1												
Iowa.....	583	18,409	19,544	17,814	-3.0	17.3	Douglas.....	469	24,724	25,996	25,981	-1.5	-4.7												
Jackson.....	632	21,258	23,615	22,711	-10.0	3.7	Edwards.....	611	7,033	3,682	3,600	-91.0	2.3												
Jasper.....	739	27,034	26,976	24,943	-0.2	8.2	Elk.....	652	10,128	11,448	12,216	-11.5	-6.3												
Jefferson.....	431	15,561	17,437	15,184	-8.5	14.8	Ellis.....	901	12,170	8,626	7,942	41.1	8.6												
Johnson.....	610	25,914	24,817	23,082	-4.4	7.5	Ellsworth.....	724	10,444	9,626	9,272	-5.5	3.8												
Jones.....	569	19,650	20,233	19,233	-4.9	9.0	Franklin.....	1,276	6,938	3,469	3,350	99.1	3.6												
Keokuk.....	578	21,160	24,979	23,862	-15.3	4.7	Franklin.....	1,082	11,393	5,497	5,308	107.3	3.6												
Kossuth.....	973	21,971	22,720	13,120	-3.3	73.2	Ford.....	585	20,884	21,364	20,279	-2.2	5.3												
Lee.....	511	36,702	39,719	37,715	-7.6	5.3	Geary.....	390	12,681	10,744	10,423	18.0	3.1												
Linn.....	706	60,729	55,392	45,303	-9.0	6.2	Gove.....	1,069	6,044	2,441	2,994	147.6	-18.3												
Louis.....	436	12,853	13,516	11,873	-4.9	13.8	Graham.....	877	8,709	6,173	5,029	68.2	2.9												
Lucas.....	432	13,462	16,126	14,563	-11.5	10.7	Grant.....	578	1,087	1,222	1,308	157.6	-6.7												
Lyon.....	582	14,624	13,165	8,680	-11.0	51.7	Gray.....	857	3,121	2,484	2,415	146.9	-0.7												
Madison.....	563	15,621	17,710	15,977	-11.8	10.8	Greely.....	176	1,335	493	1,204	170.8	-61.0												
Mahaska.....	538	29,560	34,273	28,805	-12.9	19.0	Greenwood.....	1,158	16,900	16,196	16,399	-0.8	-6.2												
Marion.....	563	27,985	24,159	23,038	-4.8	4.8	Hamilton.....	984	3,360	1,426	2,027	138.6	-29.6												
Marshall.....	572	30,279	29,991	25,842	-1.0	16.1	Harper.....	799	14,748	10,310	13,266	43.0	-22.3												
Mills.....	438	15,811	16,764	14,548	-5.7	15.2	Harvey.....	540	19,200	17,991	17,601	9.1	-0.1												
Mitchell.....	463	13,435	14,016	13,299	-9.9	12.2	Haskell.....	577	993	457	1,077	117.3	-97.6												
Monroe.....	686	18,533	17,865	15,574	-2.5	16.3	Hodgeman.....	675	2,930	2,052	2,305	142.2	-15.2												
Montgomery.....	432	25,429	17,983	13,656	-4.4	31.6	Hockley.....	511	11,117	16,626	16,311	-1.9	11.0												
Montgomery.....	424	16,604	17,803	15,848	-6.7	12.3	Jefferson.....	543	15,826	17,533	16,630	-9.7	5.5												
Muscataine.....	432	29,505	28,212	24,501	-4.5	13.1	Jewell.....	900	18,148	19,420	19,349	-6.5	0.4												
O'Brien.....	569	17,562	16,985	13,020	-1.6	30.1	Jones.....	486	18,288	18,104	17,385	-1.0	4.1												
Osceola.....	395	8,596	8,725	8,574	-0.2	36.0	Keary.....	853	3,296	1,107	1,571	189.6	-29.5												
O'Connell.....	531	24,002	24,187	21,341	-0.8	13.3	King.....	807	6,662	3,807	3,825	161.1	-1.0												
Palo Alto.....	561	13,845	14,354	9,318	-3.5	54.0	Kiowa.....	723	6,174	2,365	2,873	164.1	-17.7												
Plymouth.....	856	25,129	22,299	19,658	-4.1	13.5	Labette.....	643	31,423	27,387	27,886	-14.7	-0.7												
Pocahontas.....	576	14,808	15,330	9,533	-3.5	60.6	Lane.....	715	2,603	1,563	2,060	66.5	-24.1												
Pottawattamie.....	872	11,438	8,524	23,410	33.2	21.0	Leavenworth.....	410	6,297	40,490	38,485	0.7	6.6												
Pottawattamie.....	492	55,832	54,336	47,430	-2.8	14.6	Leawards.....	715	10,142	9,886	9,886	2.5	13.1												
Poweshiek.....	580	19,589	19,414	18,394	0.9	5.5	Linn.....	613	14,755	16,689	17,215	-11.7	-3.1												
Ringgold.....	490	12,944	13,265	13,546	-15.8	8.0	Logan.....	1,082	4,290	1,962	3,384	116.1	-62.0												
Sac.....	574	15,555	17,639	14,522	-6.1	21.5	Lyons.....	845	24,927	25,074	23,196	-0.6	8.1												
Scott.....	449	69,000	61,558	43,164	-6.4	19.4	McPherson.....	900	21,521	21,421	21,614	0.5	-0.9												
Shelby.....	589	16,522	17,932	17,611	-7.7	1.8	Marion.....	927	22,415	20,676	20,539	-8.4	6.7												
Sioux.....	700	25,248	23,357	18,370	-8.2	27.0	Marshall.....	905	23,880	24,355	23,912	-2.0	1.9												
Story.....	567	24,083	23,159	18,127	-4.0	27.8	Meade.....	984	5,655	1,581	2,542	219.7	-37.8												
Tama.....	729	22,156	24,585	21,651	-9.9	11.8	Miami.....	602	20,630	21,641	19,614	-7.4	10.3												
Taylor.....	534	16,312	15,844	16,384	-13.2	17.9	Mitchell.....	713	14,089	14,647	15,037	-3.8	-2.6												
Union.....	427	16,616	19,928	16,900	-16.2	14.6	Montgomery.....	696	40,474	29,039	23,104	70.4	25.7												
Van Buren.....	477	15,620	17,354	16,253	-13.4	6.8	Morris.....	644	12,427	11,429	11,381	-4.4	5.1												
Wapello.....	426	17,748	15,454	30,426	6.5	16.4	Morton.....	715	1,333	304	724	338.5	-58.0												
Warren.....	570	18,194	20,376	18,269	-10.7	11.5	Nemaha.....	710	19,072	20,276	19,249	-6.4	5.9												
Washington.....	539	19,925	20,718	18,468	-3.8	12.2	Neosho.....	580	27,624	29,354	28,461	23.4	3.7												
Wayne.....	528	16,184	17,491	15,670	-7.5	11.6	Ness.....	1,019	8,737	4,535	4,844	23.4	3.9												
Webster.....	714	24,629	21,381	9,047	-9.0	47.3	Newton.....	876	11,847	10,848	10,848	-1.1	-3.0												
Winnebago.....	399	11,914	12,725	7,235	-6.4	73.7	Norton.....	876	11,614	11,325	10,917	-2.6	6.3												
Winnebago.....	686	21,729	23,731	22,528	-8.4	5.3	Osage.....	818	19,905	23,659	25,062	-15.9	-5.6												
Woodbury.....	804	67,616	54,610	55,632	-23.8	-1.8	Osborne.....	894	12,827	11,844	12,083	8.3	-2.0												
Worth.....	399	9,959	10,887	9,247	-8.6	17.7	Ottawa.....	712	11,811	11,842	12,081	-5.6	-11.1												
Wright.....	578	17,951	18,227	12,657	-15.0	51.2	Pawnee.....	742	8,859	5,084	5,294	74.3	-2.2												
							Phillips.....	842	14,462	13,604	13,604	-6.1	-3.1												
							Pottawatomie.....	829	17,522	18,470	17,722	-5.1	4.2												
<b>KANSAS</b>													<b>1890-1900</b>												
Allen.....	308	27,640	19,507	13,509	41.7	44.4	Pratt.....	728	11,156	7,085	8,118	57.5	-12.7												
Atchison.....	577	15,828	13,958	14,293	-6.8	-1.9	Rawlins.....	1,064	6,380	5,241	6,756	27.7	-22.4												
Aitchison.....	412	28,107	28,096	26,758	-1.7	6.9	Republic.....	1,242	37,853	29,027	27,079	30.4	7.2												
Barber.....	1,134	9,916	6,594	7,973	50.4	-17.3	Rice.....	707	10,106	14,745	14,451	2.4	2.0												
Barren.....	829	17,576	17,783	13,172	-26.4	4.6	Riley.....	604	15,783	13,928	13,183	14.1	4.9												
Bourbon.....	695	24,007	24,712	28,575	-2.9	-13.5	Rooks.....	890	11,282	7,969	8,018	47.7	-0.7												
Brown.....	371	12,114	13,269	20,210	4.7	16.3	Rush.....	719	7,826	6,134	5,204	27.2	12.9												
Butler.....	1,434	23,659	23,363	24,055	-1.3	-2.9	Russell.....	805	10,863	8,469	7,333	46.7	21.7												
Chase.....	737	7,527	8,246	8,253	-8.7	6.0	Saline.....	720	2,338	17,076	17,442	19.1	-2.1												
Chautauque.....	1,434	11,429	11,804	8,203	-2.2	-4.0	Scott.....	914	3,047	1,998	1,362	177.5	-13.6												
Cherokee.....	605	38,162	42,694	27,770	-18.6	53.7	Sedgewick.....	714	73,095	44,037	43,626	66.0	0.9												
Cherokee.....	1,098	4,248	4,640	4,400	-6.0	-40.0	Shaw.....	643	4,091	822	1,503	39.7	-45.2												
Clark.....	978	15,253	15,853	16,146	-3.0	-1.9	Sheridan.....	544	61,874	53,727	49,172	15.2	7.3												
Clay.....	702	16,388	16,071	18,250	8.8	-6.3		886	5,631	3,319	3,793	68.0	2.3												

1 See headnote to table, page 32.  
 2 State total includes population (1,012) of Indian reservations specially enumerated in 1890, not distributed by counties; also population (881) of Garfield County, annexed to Finney County in 1886.  
 3 For changes in boundaries, etc., of counties, see page 53.

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>KANSAS—Con.</b>													
Sherman.....	1,049	4,549	3,341	5,251	36.2	-36.5	Knex.....	356	22,116	17,372	13,762	27.3	26.2
Smith.....	888	15,365	16,384	15,613	-6.2	4.9	Larue.....	268	16,701	10,754	9,433	-6.6	14.1
Stafford.....	796	12,310	9,829	8,523	27.3	15.4	Laurel.....	447	19,872	17,692	15,747	13.0	28.0
Stanton.....	685	1,453	327	1,351	215.2	-85.3	Lawrence.....	422	28,067	19,512	17,703	2.3	10.8
Stevens.....	729	2,453	620	4,128	285.6	56.3	Lee.....	199	9,371	7,988	6,305	19.3	28.7
Sumner.....	1,179	30,654	25,631	30,271	19.6	-15.3	Leslie.....	373	8,976	6,753	3,964	32.9	79.4
Thomas.....	1,065	5,455	4,112	5,588	32.7	-25.7	Leitch.....	355	16,623	9,172	6,920	18.8	73.5
Trego.....	899	5,398	2,722	2,355	98.3	7.4	Lewis.....	471	16,887	17,868	14,803	-6.5	20.7
Wichita.....	785	12,818	12,818	12,818	0.0	0.0	Lincoln.....	1,172	17,897	17,059	15,962	4.9	6.9
Wallace.....	921	2,759	1,178	2,408	134.2	-52.3	Livingston.....	328	16,627	11,354	9,474	-6.4	19.8
Washington.....	902	20,229	21,963	22,947	-7.9	-4.1	Logan.....	643	24,977	25,994	23,812	-3.9	9.2
Wichita.....	721	2,006	1,197	1,827	67.6	-34.5	Lyon.....	277	9,423	9,919	7,028	1.1	22.2
Wilson.....	581	19,810	15,421	15,286	26.8	2.2	McCracken.....	229	35,064	28,738	21,051	22.0	36.5
Wyandotte.....	143	10,068	73,227	54,407	36.7	34.6	McClain.....	227	13,291	12,438	9,889	4.4	25.9
Madison.....	446	26,951	25,607	24,048	5.2	5.2	Magdon.....	302	13,654	12,006	9,196	13.7	30.6
<b>KENTUCKY—Con.</b>													
Marion.....	345	16,339	16,250	15,648	0.2	4.1	Marshall.....	327	15,771	13,049	11,287	15.2	21.3
Martin.....	272	7,291	6,790	4,200	47.3	42.3	Mason.....	227	18,611	20,246	20,773	-9.0	-1.6
Meades.....	301	9,783	10,333	9,484	-7.1	11.1	Meade.....	203	6,133	6,818	4,666	-9.8	46.1
Menifee.....	203	6,133	6,818	4,666	-9.8	46.1	Mercer.....	253	14,063	14,426	15,034	-2.5	-4.5
Metcalf.....	303	10,453	9,985	9,871	4.7	1.2	Monroe.....	441	14,363	13,063	10,989	4.7	18.8
Monroe.....	441	14,363	13,063	10,989	4.7	18.8	Montgomery.....	129	12,868	12,834	12,967	0.3	3.8
Morgan.....	365	16,259	12,792	11,249	27.1	13.7	Morgan.....	365	16,259	12,792	11,249	27.1	13.7
Muhlenberg.....	227	28,288	28,288	28,288	0.0	0.0	Muhlenberg.....	227	28,288	28,288	28,288	0.0	0.0
Nelson.....	411	16,830	16,857	16,747	1.5	1.0	Nelson.....	411	16,830	16,857	16,747	1.5	1.0
Nicholas.....	208	10,691	11,952	10,614	-11.3	11.0	Nicholas.....	208	10,691	11,952	10,614	-11.3	11.0
Ohio.....	584	27,642	27,287	22,946	1.3	18.9	Oldham.....	180	7,248	7,078	5,254	2.4	4.8
Oldham.....	180	7,248	7,078	5,254	2.4	4.8	Owen.....	267	18,558	17,676	18,889	-4.9	6.0
Owen.....	267	18,558	17,676	18,889	-4.9	6.0	Owsley.....	216	7,979	6,874	6,975	16.1	15.0
Owsley.....	216	7,979	6,874	6,975	16.1	15.0	Pendleton.....	279	11,985	14,947	16,346	-19.8	-8.6
Pendleton.....	279	11,985	14,947	16,346	-19.8	-8.6	Perry.....	313	11,255	8,276	6,331	36.0	39.7
Perry.....	313	11,255	8,276	6,331	36.0	39.7	Pike.....	779	31,679	22,686	17,578	39.6	30.3
Pike.....	779	31,679	22,686	17,578	39.6	30.3	Powell.....	418	12,088	6,433	4,088	-2.7	40.8
Pulaski.....	179	35,986	31,263	25,731	15.0	21.6	Robertson.....	109	4,121	4,900	4,684	-15.9	4.6
Robertson.....	109	4,121	4,900	4,684	-15.9	4.6	Rockcastle.....	319	14,473	12,246	9,841	16.6	26.2
Rockcastle.....	319	14,473	12,246	9,841	16.6	26.2	Rowan.....	327	9,438	8,677	6,129	14.0	35.0
Rowan.....	327	9,438	8,677	6,129	14.0	35.0	Russell.....	329	10,861	9,695	8,130	12.0	19.2
Russell.....	329	10,861	9,695	8,130	12.0	19.2	Scott.....	260	16,959	18,740	16,540	-6.2	9.2
Scott.....	260	16,959	18,740	16,540	-6.2	9.2	Shelby.....	427	18,941	18,306	16,521	-1.6	11.0
Shelby.....	427	18,941	18,306	16,521	-1.6	11.0	Simpson.....	216	11,469	11,624	10,978	-1.4	6.9
Simpson.....	216	11,469	11,624	10,978	-1.4	6.9	Spencer.....	186	7,567	7,496	6,769	2.2	9.6
Spencer.....	186	7,567	7,496	6,769	2.2	9.6	Taylor.....	279	11,961	11,075	9,353	8.0	18.4
Taylor.....	279	11,961	11,075	9,353	8.0	18.4	Todd.....	367	16,488	17,371	16,814	-5.1	3.3
Todd.....	367	16,488	17,371	16,814	-5.1	3.3	Trimble.....	154	6,512	7,272	7,140	-10.5	1.8
Trimble.....	154	6,512	7,272	7,140	-10.5	1.8	Trigg.....	325	28,866	28,229	26,529	-8.8	17.4
Trigg.....	325	28,866	28,229	26,529	-8.8	17.4	Warren.....	530	30,579	29,950	28,508	2.0	-6.6
Warren.....	530	30,579	29,950	28,508	2.0	-6.6	Washington.....	299	13,940	14,182	13,622	-1.7	4.1
Washington.....	299	13,940	14,182	13,622	-1.7	4.1	Wayne.....	599	17,518	16,892	12,859	17.6	15.5
Wayne.....	599	17,518	16,892	12,859	17.6	15.5	Webster.....	344	20,974	20,007	17,196	4.4	16.9
Webster.....	344	20,974	20,007	17,196	4.4	16.9	Welford.....	585	31,982	25,015	17,500	27.9	42.2
Welford.....	585	31,982	25,015	17,500	27.9	42.2	White.....	230	9,864	8,764	7,180	12.6	22.1
White.....	230	9,864	8,764	7,180	12.6	22.1	Woodford.....	195	12,371	13,134	12,380	-4.3	6.1
Woodford.....	195	12,371	13,134	12,380	-4.3	6.1	<b>LOUISIANA*</b>						
<b>LOUISIANA*</b>													
Acahin.....	647	31,847	23,683	13,231	23.5	77.5	Acahin.....	647	31,847	23,683	13,231	23.5	77.5
Ascension.....	291	23,887	24,142	19,545	-1.1	23.5	Ascension.....	291	23,887	24,142	19,545	-1.1	23.5
Assumption.....	484	24,128	21,650	19,629	11.6	10.1	Assumption.....	484	24,128	21,650	19,629	11.6	10.1
Azouff.....	847	14,263	14,000	15,112	-1.8	8.0	Azouff.....	847	14,263	14,000	15,112	-1.8	8.0
Bienville.....	848	21,776	17,588	14,108	23.8	24.7	Bienville.....	848	21,776	17,588	14,108	23.8	24.7
Bossier.....	803	21,738	24,153	20,330	-10.0	18.8	Bossier.....	803	21,738	24,153	20,330	-10.0	18.8
Caddo.....	880	30,376	34,499	31,553	30.8	41.0	Caddo.....	880	30,376	34,499	31,553	30.8	41.0
Cadeaux.....	3,659	62,767	30,428	20,176	106.3	30.8	Cadeaux.....	3,659	62,767	30,428	20,176	106.3	30.8
Caldwell.....	319	8,591	8,119	5,914	27.1	26.2	Caldwell.....	319	8,591	8,119	5,914	27.1	26.2
Cameron.....	1,501	4,288	3,952	2,828	8.5	39.7	Cameron.....	1,501	4,288	3,952	2,828	8.5	39.7
Catahoula.....	718	10,415	16,351	12,002	-36.3	36.2	Catahoula.....	718	10,415	16,351	12,002	-36.3	36.2
Clabreton.....	778	25,070	23,029	23,812	8.8	-1.4	Clabreton.....	778	25,070	23,029	23,812	8.8	-1.4
Clayton.....	730	15,627	15,627	14,273	5.7	7.3	Clayton.....	730	15,627	15,627	14,273	5.7	7.3
De Soto.....	279	6,859	25,068	19,800	11.0	26.2	De Soto.....	279	6,859	25,068	19,800	11.0	26.2
East Baton Rouge.....	455	34,580	31,153	25,922	11.0	20.2	East Baton Rouge.....	455	34,580	31,153	25,922	11.0	20.2

\* For changes in boundaries, etc., of counties, see page 63.

† Less than one-tenth of 1 per cent.

\* Subdivisions are designated as parishes.

\* State total includes population (1) specially enumerated in 1890, not reported to any parish.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>LOUISIANA—</b>													
<b>Con.</b>													
East Carroll.....	430	11,637	11,373	12,362	2.3	-8.0	Frederick.....	663	32,673	53,029	49,312	1.3	4.9
East Feliciana.....	464	20,055	20,443	17,903	-1.9	14.2	Gardere.....	583	10,885	17,701	14,213	13.0	24.5
Franklin.....	630	11,989	8,800	6,900	34.9	28.8	Harford.....	442	27,965	28,269	28,993	-1.1	-2.5
Grant.....	683	18,938	12,902	8,270	25.7	56.0	Howard.....	251	16,106	16,715	27,289	-3.6	7.7
Iberia.....	889	31,352	29,013	29,997	7.7	38.2	Jefferson.....	520	45,637	18,784	17,471	-9.7	7.3
Iberville.....	584	30,954	27,006	21,848	14.6	23.6	Montgomery.....	251	32,089	30,453	27,265	5.4	12.0
Jackson.....	478	13,818	9,119	7,433	51.5	22.4	Prince Georges.....	482	36,117	29,898	26,080	20.9	14.6
Jefferson.....	525	18,247	15,321	13,221	19.1	15.9	Queen Annees.....	365	16,839	18,364	18,461	-8.3	-0.5
La Salle.....	649	9,402					St. Marys.....	371	17,030	17,182	15,819	-0.9	9.9
Lafayette.....	279	28,733	22,825	15,966	25.9	43.7	Somerset.....	371	26,455	25,923	24,155	2.1	7.3
Lafourche.....	991	33,111	28,882	22,995	14.6	30.7	Talbot.....	368	19,029	20,342	19,736	-3.5	3.1
Lincoln.....	472	18,485	18,808	14,713	16.3	7.8	Washington.....	459	49,617	45,133	39,782	9.9	13.5
Livingston.....	662	10,627	8,100	5,769	31.2	40.4	Wisconsin.....	371	26,815	22,852	19,940	17.3	14.7
Madison.....	650	10,678	12,322	14,222	-1.7	28.2	Worcester.....	495	21,941	20,865	19,747	4.7	5.7
Morehouse.....	831	18,758	16,634	16,786	12.9	-0.9							
Natchitoches.....	1,289	30,436	33,216	25,836	9.8	28.6	<b>MASSACHUSETTS</b>						
Orleans.....	200	339,075	287,104	242,039	18.1	18.6	Barnstable.....	409	27,542	27,826	29,172	-1.0	-4.6
Ouachita.....	642	25,830	20,947	17,985	23.3	16.5	Berkshire.....	959	105,259	93,667	81,108	30.0	18.0
Plaquemines.....	1,040	18,918	13,039	12,341	-3.9	41.0	Bristol.....	567	318,377	232,029	186,465	26.4	35.2
Pointe Coupee.....	576	25,289	25,777	19,013	-1.9	31.4	Dukes.....	107	4,904	4,561	4,369	-1.2	4.4
Rapides.....	1,370	44,545	39,578	27,642	12.5	43.2	Essex.....	437	436,477	357,080	299,995	22.3	19.0
Red River.....	409	11,948	11,048	11,318	-1.3	2.0	Franklin.....	697	43,609	41,209	38,610	5.8	6.7
Richland.....	565	15,767	11,116	10,290	41.9	8.7	Hampden.....	636	231,399	175,603	135,713	31.8	24.6
Sabine.....	1,020	19,874	15,421	9,900	28.9	64.2	Hampshire.....	885	63,327	58,690	51,859	7.7	13.4
St. Charles.....	916	5,277	5,031	4,326	4.9	18.3	Middlesex.....	582	609,915	565,026	431,107	18.4	31.2
St. Helena.....	424	9,172	8,479	8,062	8.2	5.2	Nantucket.....	31	9	9	9		
St. James.....	420	23,089	20,197	15,715	18.9	28.5	Norfolk.....	410	187,300	141,539	118,590	23.7	27.4
St. Landry.....	223	14,338	12,330	9,330	17.5	45.5	Plymouth.....	475	144,837	113	92,750	26	23.0
St. Landry.....	1,645	66,661	52,906	40,250	26.0	31.4	Suffolk.....	51	731,388	611,417	484,780	19.6	26.1
St. Martin.....	625	23,070	18,940	14,884	21.8	27.3	Worcester.....	1,556	399,657	346,958	289,787	15.2	23.6
St. Mary.....	632	39,368	34,145	22,416	13.3	52.3							
St. Tammany.....	900	18,917	13,635	10,100	41.9	31.3	<b>MICHIGAN</b>						
Tangipahoa.....	790	29,160	27,160	21,625	43.6	39.3	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Texas.....	636	17,060	16,070	16,647	-1.5	14.6	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Terrebonne.....	1,752	28,320	24,464	20,167	15.8	21.3	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Union.....	1,918	20,451	18,620	17,304	10.4	7.0	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Vermilion.....	1,213	26,390	20,705	14,254	27.5	45.5	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Vernon.....	1,367	17,384	10,327	5,903	68.3	74.9	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Washington.....	655	18,866	9,628	6,700	96.2	43.7	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Webster.....	969	19,186	15,125	12,466	26.8	21.3	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
West Baton Rouge.....	212	12,636	10,285	8,363	29.9	23.0	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
West Carroll.....	366	6,249	3,685	2,748	69.5	-1.7	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
West Feliciana.....	354	13,449	15,994	15,062	-15.9	6.2	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Winn.....	969	18,357	9,648	7,682	90.3	36.2	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
<b>MAINE</b>													
Androscoggin.....	450	50,822	54,242	48,938	10.3	10.8	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Aroostook.....	6,453	74,664	60,744	49,889	22.9	22.6	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Cumberland.....	853	112,013	100,689	90,949	11.2	10.7	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Franklin.....	1,789	19,119	18,444	17,053	3.7	8.2	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Hancock.....	1,522	35,575	37,241	37,312	-4.5	-0.2	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Kennebec.....	879	62,893	59,117	67,012	6.3	3.7	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Knox.....	578	28,981	30,096	31,473	-4.7	-3.4	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Lincoln.....	457	18,216	19,608	21,996	-7.4	-10.6	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Oxford.....	1,180	36,256	32,238	30,586	12.5	5.4	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Penobscot.....	2,958	85,285	78,246	72,865	11.9	4.6	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Plantagenet.....	3,779	19,887	18,949	16,134	17.3	3.1	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Sagadahoc.....	250	18,574	30,330	33,622	-7.2	3.7	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Somerset.....	3,633	36,301	33,849	32,627	7.2	3.7	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Waldo.....	724	23,383	24,185	27,759	-3.3	-12.9	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Washington.....	2,298	42,905	45,232	44,482	-3.1	1.7	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
York.....	989	68,526	64,856	62,829	5.6	3.3	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
<b>MARYLAND</b>													
Allegany.....	443	82,411	83,694	41,571	16.0	29.2	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Anne Arundel.....	432	39,553	39,620	34,094	-0.2	16.2	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Baltimore.....	650	122,449	90,755	72,909	34.8	24.5	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Baltimore city.....	30	358,483	508,057	451,439	17.9	9.7	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Calvert.....	218	10,325	10,223	9,860	1.0	3.7	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Caroline.....	319	19,216	16,248	13,903	18.3	16.9	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Carroll.....	447	33,934	33,860	32,376	0.2	4.6	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Cecil.....	377	23,759	24,662	25,851	-3.7	-4.6	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Chesapeake.....	30	16,386	16,642	16,411	-1.2	2.2	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Dorchester.....	578	28,669	27,962	24,843	2.5	12.6	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
<p>1 For changes in boundaries, etc., of counties, see page 53.                  2 State total includes population (1) specially enumerated in 1890, not credited to any county; also, population (965) of Manito and Isle Royal Counties, annexed to Charlevoix, Lechaun, and Keweenaw Counties in 1886 and 1887.</p>													

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>MICHIGAN—</b>													
<b>Con.</b>													
Lenawee.....	743	47,907	48,406	48,448	-1.0	-0.1	Koochiching <sup>1</sup>	3,141	6,431				
Levy.....	558	17,736	19,664	20,838	-9.8	-5.7	Lac qui Parle.....	790	19,435	14,289	10,382	8.0	37.6
Lapeer.....	920	4,064	2,983	2,455	34.2	21.1	Lake.....	2,669	8,019	15,654	19,667	72.1	285.3
Macomb.....	1,044	7,732	31,244	31,813	-1.6	-1.6	Le Sueur.....	466	18,009	20,234	19,671	6.2	6.2
Manistee.....	562	26,688	27,586	24,230	-4.2	15.0	Lincoln.....	555	9,874	8,966	5,067	10.1	57.5
Marquette.....	1,870	46,739	41,239	39,521	13.3	4.3	Lyon.....	708	15,722	14,591	9,501	7.8	53.6
Mason.....	494	21,833	20,885	19,833	5.8	5.8	MacLeod.....	496	18,691	19,595	17,026	-4.6	16.1
Merced.....	571	19,465	30,693	19,697	-5.9	5.1	Manhatten <sup>1</sup> .....	573	3,249				
Memorial <sup>2</sup> .....	1,056	25,468	27,046	33,639	-5.2	-19.6	Marshall.....	1,758	16,338	15,698	9,130	4.1	71.9
Midland.....	529	14,005	14,439	10,657	-3.0	35.4	Martin.....	719	17,518	16,936	9,403	3.4	80.1
Missaukee.....	582	10,690	9,308	9,048	13.9	84.0	Meeker.....	621	17,022	17,753	15,456	-4.1	14.9
Monroe.....	573	32,917	32,754	32,537	0.5	0.5	Mile Lacs.....	583	10,705	8,066	2,845	32.7	183.6
Montcalm.....	724	32,069	32,754	32,637	-2.1	0.4	Morrison.....	1,143	24,053	22,891	15,325	5.1	71.8
Montmorency.....	561	3,755	3,234	1,487	16.1	117.5	Murray.....	711	22,640	22,333	18,019	1.4	24.0
Muskegon.....	504	40,577	37,096	40,013	9.6	-7.4	Nicolle.....	443	14,125	14,774	13,382	-4.4	10.4
Newaygo.....	851	19,220	17,673	20,476	8.8	-13.7	Noelke.....	722	12,210	14,932	7,985	1.9	87.6
Oakland.....	520	40,000	44,792	41,245	8.6	7.7	Norman <sup>1</sup> .....	860	13,446	15,045	10,618	-10.6	41.7
Oceana.....	543	18,379	16,644	15,698	10.4	6.0	Olmsted.....	666	22,497	23,119	19,806	-2.7	16.7
Ogemaw.....	580	8,907	7,765	5,383	14.7	39.1	Otter Tail.....	2,039	46,036	45,035	34,232	1.5	32.6
Ontonagon.....	1,333	8,650	6,197	3,756	39.6	63.0	Pennington <sup>1</sup> .....	607	9,776				
Oscoda.....	577	17,889	17,859	14,630	0.2	22.1	Pine.....	1,413	15,878	11,546	4,032	37.5	184.9
Otsego.....	528	6,552	6,175	4,272	6.1	44.5	Pipestone.....	469	9,553	9,254	5,132	3.1	89.5
Ottawa.....	565	45,801	39,607	33,358	14.2	12.2	Polk <sup>1</sup> .....	1,979	36,091	35,423	30,192	1.6	17.3
Presque Isle.....	678	11,249	8,821	4,687	27.5	88.2	Poppe.....	693	12,746	12,747	10,022	1.3	20.5
Rochester.....	538	2,274	1,787	2,083	27.3	-12.1	Ramsay.....	161	223,673	170,554	139,796	31.1	22.0
Roscommon.....	828	89,290	81,222	82,273	9.9	-1.1	Red Lake.....	434	192	12,193			
St. Clair.....	710	52,941	53,228	52,105	-5.2	6.0	Redwood.....	881	18,425	17,261	9,386	6.7	83.9
St. Joseph.....	503	25,499	23,889	25,356	6.7	-5.8	Renville.....	978	23,123	23,653	17,099	-2.7	38.6
Sanilac.....	976	33,930	35,055	32,389	-3.2	7.6	Rice.....	405	23,491	26,050	26,968	-0.6	8.4
Schenckland <sup>1</sup> .....	557	8,681	7,889	5,818	10.0	35.5	Rock.....	492	10,222	9,668	6,817	5.7	41.8
Shiawassee.....	557	33,246	33,866	30,582	-1.8	9.4	Rosau <sup>1</sup> .....	1,670	11,338	6,994			
Tuscola.....	827	34,913	35,890	32,548	-2.7	10.4	St. Louis.....	6,503	163,274	82,932	44,862	96.9	82.9
Van Buren.....	617	33,185	33,274	30,541	-0.3	8.9	Scott.....	366	14,885	15,147	13,831	-1.7	9.5
Washtenaw.....	704	74,714	67,761	42,210	-6.4	13.2	Sherburne.....	448	8,136	7,281	5,908	11.7	23.2
Wayne.....	629	535,591	348,793	285,112	33.7	21.9	Sibley.....	1,365	15,540	16,862	15,169	-7.8	10.9
Wexford.....	577	20,769	16,845	11,278	23.3	49.4	Stearns.....	1,362	47,733	44,464	34,844	7.4	27.6
							Steele.....	431	16,146	16,524	13,232	-2.3	24.9
<b>MINNESOTA.....</b>													
	80,858	2,075,708	1,751,394	1,310,283	18.5	33.7	Stevens.....	564	8,293	8,721	5,251	-4.9	66.1
Aitkin.....	1,830	10,371	6,743	2,462	53.8	173.9	Swift.....	741	12,949	13,503	10,161	-4.1	32.9
Anoka.....	459	12,493	11,313	9,844	10.4	14.5	Todd.....	957	23,407	22,214	12,900	5.4	71.8
Becker.....	1,349	18,840	14,375	9,493	31.1	52.9	Traverse.....	568	8,049	7,573	5,160	6.3	67.7
Beltrami.....	3,822	19,837	11,030	3912	75.3	42.0	Wabasha.....	541	18,554	18,924	16,972	-2.0	11.6
Benton.....	405	11,615	9,912	6,284	17.2	87.7	Wadena.....	538	8,652	7,921	4,053	-9.2	95.4
Big Stone.....	491	9,367	8,731	5,722	7.3	52.6	Waseca.....	397	13,406	14,700	13,313	-8.8	10.9
Blue Earth.....	762	29,337	32,263	29,210	-9.1	10.5	Washington.....	431	29,013	27,808	25,962	-5.5	7.0
Brown.....	612	20,134	19,787	15,817	1.8	25.1	Watson.....	434	11,382	11,496	7,746	-1.0	48.4
Carlton.....	867	17,559	10,017	5,272	75.3	68.0	Wilkin.....	745	9,063	8,060	4,346	12.2	85.9
Carver.....	376	17,455	17,544	16,522	-0.5	6.1	Winona.....	637	33,398	33,685	33,797	-6.4	5.6
Cass.....	2,104	11,620	7,777	1,217	49.4	432.7	Wright.....	691	28,832	28,832	24,164	-3.7	20.7
Chippewa.....	591	13,458	12,499	8,555	7.7	46.1	Yellow Medicine.....	749	19,406	14,152	9,854	5.5	48.2
Chisago.....	629	13,537	13,248	10,359	2.2	27.9							
Clay.....	1,043	19,040	17,942	11,517	9.5	55.8							
Clearwater.....	1,019	6,870											
Cook.....	1,498	1,336	819	68	64.9								
Cottonwood.....	640	12,051	12,069	7,412	4.8	62.8	Adams.....	426	25,265	30,111	26,081	-16.1	14.7
Crow Wing.....	945	33,863	14,250	8,652	18.3	61.6	Alcorn.....	386	18,159	14,987	13,115	21.2	21.2
Dakota.....	599	25,171	21,733	20,240	15.8	7.4	Amite.....	715	28,851	26,248	22,213	9.9	18.2
Dodge.....	440	12,094	13,940	10,864	-9.3	22.8	Attala.....	306	10,245	10,810	10,685	-2.5	-0.7
Douglas.....	648	17,699	17,964	14,606	-1.6	23.0	Bolivar.....	879	48,905	35,427	29,980	8.4	18.2
Fairfax.....	718	19,949	22,055	16,708	-6.5	32.0	Calhoun.....	579	17,726	16,512	14,638	7.0	12.4
Filmore.....	868	25,680	26,528	25,966	-2.1	8.7	Carroll.....	624	23,159	22,116	18,773	-4.6	17.8
Freeborn.....	735	22,282	21,838	17,992	2.0	21.6	Chickasaw.....	501	22,846	19,892	19,891	14.9	( <sup>3</sup> )
Goodhue.....	767	31,537	31,187	28,806	1.6	8.1	Choctaw.....	414	14,357	13,036	10,847	10.1	20.2
Grant.....	553	9,144	8,935	6,875	2.0	30.0	Clathome.....	489	17,403	20,787	14,616	-16.3	43.2
Hamet.....	645	33,463	28,340	18,824	46.3	29.4	De Soto.....	275	21,639	17,741	15,007	21.9	71.8
Houston.....	570	14,297	15,400	14,633	-7.2	5.1	Clay.....	408	20,203	19,563	18,067	3.3	5.1
Hubbard.....	958	9,831	6,578	1,412	49.5	365.9	Conhoma.....	530	34,217	26,293	18,342	30.1	43.3
Isanti.....	442	12,435	11,075	7,407	8.1	58.9	Copiah.....	769	35,914	34,395	30,233	4.4	13.8
Jackson.....	2,730	17,298	4,773	743	276.3	425.0	Covington.....	410	16,909	13,076	8,299	29.3	57.6
Jones.....	707	14,491	14,793	8,024	6.9	42.4	De Soto.....	275	21,639	24,751	24,183	-4.6	2.3
Kanabec.....	534	6,461	4,614	1,579	40.0	192.0	Forrest <sup>1</sup> .....	402	29,722	27,272	24,116	11.1	31.2
Kandiyohi.....	801	18,969	18,416	13,997	3.0	31.6	Franklin.....	547	15,193	13,678	10,424	11.1	31.2
Kearney.....	417	7,859	7,859	5,226	6.6	46.4	Garfield.....	643	18,667	18,667	15,657		

<sup>1</sup> For changes in boundaries, etc., of counties, see page 53.  
<sup>2</sup> State total includes population (3,486 in 1900) of White Earth Indian Reservation not returned by counties in 1900; returned in 1910 in Becker, Clearwater, and Mahanomen Counties.  
<sup>3</sup> State total includes population (8,667) of Indian reservations specially enumerated in 1900, not distributed by counties.  
<sup>4</sup> See headnote to table, page 32.  
<sup>5</sup> Less than one-tenth of 1 per cent.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[\*Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con. COUNTY.	Land area in square miles 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>MISSISSIPPI—</b>													
<b>—Con.</b>													
Greene	740	5,620	6,796	3,906	-11.0	74.0	Cape Girardeau	580	27,621	24,435	22,060	13.6	10.2
Grenada	412	10,757	14,112	14,974	-4.4	-8.8	Carroll	703	23,608	26,455	25,742	-12.7	2.8
Hancock	469	11,207	11,880	13,318	-5.7	42.9	Carters	484	6,458	6,458	0.0	-17.3	6.9
Harrison	1,013	34,658	21,002	12,481	61.0	68.3	Cass	721	22,973	23,326	23,301	-2.8	1.0
Hinds	858	63,726	52,577	39,279	21.2	33.9	Cedar	498	16,980	16,923	15,620	-8.0	8.4
Holmes	834	39,088	36,828	30,370	6.1	18.9	Chariton	768	23,503	26,826	26,254	-12.4	2.4
Issaquena	405	10,560	10,400	12,218	1.5	-15.6	Christian	585	15,823	16,939	14,017	-6.5	20.8
Jackson	710	15,451	16,313	11,201	21.4	46.8	Clay	465	12,111	15,383	15,126	-16.7	1.3
Jasper	667	18,498	15,394	14,785	20.2	4.1	Clay	402	20,302	18,903	19,856	7.4	-4.8
Jefferson	507	18,221	21,292	18,947	-14.4	12.4	Clinton	423	15,297	17,363	17,338	-11.9	1.3
Lauderdale	730	46,919	29,661	22,612	32.7	32.7	Cole	359	21,997	20,578	17,281	6.7	19.1
Lawrence	418	13,080	15,103	13,318	-13.4	22.6	Cooper	528	20,311	22,532	22,707	-9.9	-0.8
Leake	376	18,298	17,360	14,803	5.4	17.3	Crawford	508	17,376	17,122	17,961	4.8	8.3
LeFlore	448	28,834	21,956	20,640	6.1	7.6	Dade	501	15,613	15,125	17,526	-13.9	3.4
Lincoln	572	36,290	23,834	16,869	52.3	41.3	Dallas	343	13,181	13,903	12,627	-5.2	9.9
Lowndes	499	30,703	29,696	27,047	5.5	7.6	Dayless	424	17,005	21,325	20,456	-17.4	4.2
Madison	725	33,908	32,403	27,321	3.1	18.9	DeKalb	565	12,847	12,298	14,539	-17.1	-0.8
Marion	624	15,896	13,601	9,532	15.5	41.6	Denton	746	15,215	12,986	12,149	2.0	6.9
Marshall	689	26,796	27,674	26,043	-3.2	6.3	Douglas	804	16,664	16,802	14,111	-0.8	19.1
Monroe	750	35,178	31,216	36,043	-12.2	11.6	Dunklin	330	30,328	21,700	15,085	39.7	43.9
Montgomery	328	17,706	16,836	14,459	7.1	14.4	Franklin	819	29,820	30,581	28,056	-2.5	9.0
Neshoba	563	17,069	12,728	11,146	41.3	34.3	Gassonade	474	12,847	12,298	11,706	-18.2	8.1
Newton	652	28,983	19,038	18,648	17.1	15.5	Gentry	690	16,820	20,554	19,038	-18.2	8.0
Noxubee	682	28,503	30,846	27,338	-7.0	12.8	Greene	667	63,831	52,713	48,616	21.1	8.4
Oktibbeha	497	19,676	20,183	17,694	-2.5	14.1	Grundy	433	16,744	17,822	17,876	-6.1	-0.2
Opalusa	686	33,274	29,627	26,977	7.7	7.6	Harrison	721	20,446	24,398	21,033	-16.1	16.0
Panola	767	10,593	6,097	2,867	38.2	22.5	Henry	744	27,232	27,744	27,232	-2.2	1.4
Perry	644	7,683	14,682	6,494	58.2	126.1	Hickory	407	8,746	9,985	9,453	-12.5	5.6
Pike	707	37,272	27,545	21,203	33.3	23.9	Holt	446	14,539	17,083	15,469	-14.9	10.4
Pontotoc	499	19,688	18,274	14,940	7.7	22.3	Holt	408	18,653	18,677	17,371	-14.6	7.2
Prentiss	494	16,381	15,788	13,679	7.2	15.4	Howell	615	21,095	21,824	18,618	-3.5	17.3
Quitman	335	11,933	5,435	3,286	36.2	10.5	Iron	553	8,623	8,716	9,118	-1.8	5.4
Rainey	704	14,833	13,619	12,600	6.0	20.8	Jackson	600	283,522	195,193	160,510	45.3	21.6
Rankin	791	23,944	20,955	17,922	14.3	16.9	Jasper	635	89,673	84,018	50,500	6.7	66.4
Scott	507	16,723	14,316	11,740	16.8	21.9	Jefferson	681	27,878	27,822	22,484	8.4	4.4
Sharkey	444	15,694	12,178	8,382	28.9	45.3	Johnson	529	35,267	27,843	28,132	-5.6	-1.0
Simmons	575	17,201	12,800	10,138	34.4	20.3	Knox	733	16,293	15,479	28,132	-8.0	-2.2
Smith	626	16,603	10,633	27.2	22.8	Laclede	851	20,367	16,523	14,701	5.1	14.4	
Snodgrass	690	26,787	16,084	9,384	79.0	71.4	Lafayette	612	30,154	31,679	30,184	-4.8	5.0
Tallahatchie	629	29,785	19,600	14,361	48.4	36.5	Lawrence	629	26,883	31,662	26,228	-16.0	20.7
Tate	400	19,714	20,618	19,253	-4.4	7.1	LeFlore	504	15,514	16,724	15,938	-7.2	5.0
Tippah	446	14,631	12,983	12,961	12.7	0.2	Lincoln	606	17,033	18,352	18,352	-7.2	(*)
Tombigbee	628	13,067	10,124	9,302	23.1	8.8	Limn	626	28,223	25,503	24,121	-1.0	5.7
Tunica	418	18,646	16,479	12,158	13.2	33.5	Livingson	551	12,453	22,302	20,668	-12.8	7.9
Union	412	18,907	16,622	15,606	15.0	5.9	McDonald	327	13,539	13,574	11,283	-0.3	20.3
Warren	572	48,488	40,912	33,164	-8.4	8.4	Macon	809	30,868	33,018	30,575	-6.5	8.0
Washington	827	37,953	49,216	40,414	-0.6	21.8	Madison	899	11,273	9,975	9,268	13.0	7.6
Wayne	812	33,789	31,529	27,817	7.3	37.7	Marion	499	10,098	9,616	8,600	4.9	11.8
Webster	466	14,853	13,619	12,600	6.1	12.9	Merced	436	30,572	26,331	26,223	16.1	0.4
Wilkinson	667	18,075	21,453	17,592	-15.7	21.9	Miller	458	12,335	14,700	14,581	-36.1	0.9
Winston	597	17,139	14,124	12,089	21.3	16.8	Mississippi	393	14,575	11,837	10,134	23.0	16.8
Yalobusha	633	21,619	19,742	16,629	9.0	17.5	Missouri	413	13,457	15,931	15,630	-9.8	1.9
Yazoo	1,038	46,672	43,948	36,780	6.2	20.8	Monroe	616	19,716	17,833	20,790	-7.2	-5.2
							Montgomery	644	15,694	16,571	16,850	-5.8	-1.7
							Morgan	622	12,863	12,175	12,311	5.7	-1.1
							New Madrid	534	19,488	18,282	17,818	72.8	21.1
							Newton	632	27,166	27,001	22,108	0.5	22.1
							Nodaway	871	28,833	32,938	30,614	-12.6	6.5
							Oregon	778	14,681	13,906	10,467	5.6	32.9
							Osgoe	793	14,223	14,096	13,080	1.3	7.8
							Osage	546	11,920	12,495	9,795	-4.5	24.0
							Pemiscot	560	15,559	12,115	5,975	61.4	102.8
							Perry	662	14,898	15,134	13,237	-1.6	14.3
							Pettis	405	33,913	32,438	31,151	4.5	4.1
							Phelps	670	15,796	14,194	16,436	11.3	12.3
							Pike	653	22,556	25,744	26,321	-12.4	-2.2
							Platte	445	14,423	16,193	16,588	-10.9	-0.3
							Polk	641	21,541	23,255	20,339	-7.3	14.3
							Pulaski	612	11,438	10,394	9,387	10.0	10.7
							Putnam	517	14,308	16,688	15,365	-14.3	8.6
							Ralls	481	12,913	12,287	12,294	5.1	-0.1
							Randolph	461	26,182	24,442	24,893	7.1	-1.8
							Ray	521	24,809	24,215	24,215	-2.5	1.1
							Reynolds	828	8,592	8,161	6,983	-17.5	20.0

\* For changes in boundaries, etc., of counties, see page 53.

† State total includes population (1) specially enumerated in 1890, not credited to any county.

‡ Less than one-tenth of 1 per cent.

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		
COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900			COUNTY.	1910	1900	1890	1900-1910	1890-1900
<b>MISSOURI</b>														
<b>Cent.</b>														
Ripley	627	13,099	13,196	8,512	-0.7	54.9	Dakota	253	6,564	6,296	5,286	4.4	16.7	
St. Charles	535	24,695	24,474	22,977	0.9	6.5	Dawes	1,022	8,264	6,215	9,722	32.8	-38.1	
St. Clair	706	10,412	17,907	16,747	-8.3	6.9	Dawson	985	15,961	12,214	10,129	30.7	20.6	
St. Francis	308	7,086	24,931	17,347	48.8	38.8	DeWitt	439	1,786	2,530	2,833	-22.1	-9.1	
St. Louis	487	82,417	90,060	96,307	64.7	37.8	Dixon	642	17,477	10,535	8,084	8.9	30.3	
<b>St. Louis city</b>														
St. Louis city	61	687,029	575,238	451,770	19.4	27.3	Dodge	531	22,145	22,298	19,200	-0.7	15.8	
St. Genevieve	481	10,607	10,359	9,883	2.4	4.8	Douglas	331	168,546	140,590	158,008	19.9	-11.0	
Saline	754	29,448	33,703	33,702	-12.6	-0.2	Dunklin	468	8,827	4,088	4,012	68.4	-39.3	
Shayler	309	9,062	10,840	11,249	-15.4	-3.6	Fillmore	576	14,674	15,087	16,022	-2.7	-5.8	
Scotland	439	11,869	13,232	12,674	-10.3	4.4	Franklin	578	10,303	9,455	7,693	9.0	22.9	
<b>Scott</b>														
Scott	419	22,372	13,092	11,228	70.9	16.6	Frontier	975	8,572	8,781	8,497	-2.4	3.3	
Shannon	992	11,443	11,247	8,898	-1.7	26.4	Furnas	721	12,693	12,373	9,849	-2.3	25.7	
Shelby	599	14,864	16,167	15,642	-5.1	3.4	Gage	862	30,323	30,051	36,344	-0.9	-17.3	
Stoddard	815	27,887	24,660	17,327	12.7	42.4	Garden	1,652	3,538	3,828	3,417	1.6	28.2	
Stone	510	11,559	9,862	10,960	16.9	39.5	Garfield	575	3,417	1,127	1,659	60.6	28.2	
<b>Sullivan</b>														
Sullivan	649	18,598	20,282	19,000	-8.3	6.7	Gosper	464	4,933	5,201	4,816	-5.9	10.1	
Taney	665	9,134	10,127	7,973	-9.8	27.0	Grant	1,007	729	1,007	763	43.8	8.7	
Texas	1,159	21,458	22,192	19,496	-3.3	14.4	Greely	571	8,047	6,691	4,809	41.4	16.9	
Verona	858	28,827	31,039	31,965	-8.8	0.4	Hall	528	29,361	17,296	16,513	18.3	4.2	
Warren	410	9,123	9,919	9,910	-8.0	-0.1	Hamilton	538	11,430	11,867	14,086	1.0	-5.4	
<b>Washington</b>														
Washington	741	13,378	14,263	13,123	-6.2	8.4	Harlan	574	9,578	9,370	8,158	2.2	14.9	
Wayne	775	16,181	15,369	11,357	-0.8	28.4	Hayes	722	3,011	2,708	3,963	11.2	-31.5	
Wendler	585	17,377	16,690	15,177	-4.4	9.6	Hitchcock	724	5,415	4,409	5,799	22.8	-24.0	
Worth	265	8,007	9,832	8,738	-18.6	12.3	Holt	2,308	15,945	12,234	13,672	37.2	-10.6	
Wright	677	18,315	17,159	14,484	4.5	21.0	Hooker	722	981	432	426	12.7	1.4	
<b>Howard</b>														
Howard	561	10,783	10,343	9,430	4.3	9.4	Jefferson	578	16,832	15,190	14,850	10.9	2.3	
Jefferson	578	10,857	10,196	10,333	-6.0	8.4	Johnson	574	10,137	9,167	10,333	-9.7	8.0	
Johnson	574	10,137	9,167	9,166	-0.1	0.0	Keatinge	910	8,106	7,800	7,779	8.9	7.9	
Keatinge	910	8,106	7,800	7,779	8.9	7.9	Keith	1,068	3,692	1,951	2,556	89.2	-23.7	
Keith	1,068	3,692	1,951	2,556	89.2	-23.7	Keyapaha	575	3,452	3,076	3,920	12.2	-21.5	
Keyapaha	575	3,452	3,076	3,920	12.2	-21.5	Kimball	958	1,942	758	999	156.1	-21.9	
Kimball	958	1,942	758	999	156.1	-21.9	Knox	1,114	18,338	18,384	8,580	67.1	87.1	
Knox	1,114	18,338	18,384	8,580	67.1	87.1	Lancaster	833	73,788	64,835	76,385	13.8	-15.1	
Lancaster	833	73,788	64,835	76,385	13.8	-15.1	Lincoln	2,536	15,684	11,416	10,441	37.4	-30.3	
Lincoln	2,536	15,684	11,416	10,441	37.4	-30.3	Logan	573	1,521	960	1,378	58.4	-80.3	
Logan	573	1,521	960	1,378	58.4	-80.3	Madison	576	2,188	2,005	1,552	29.0	34.0	
Madison	576	2,188	2,005	1,552	29.0	34.0	McPherson	1,674	2,470	517	401	377.8	28.9	
McPherson	1,674	2,470	517	401	377.8	28.9	Merriam	575	19,101	16,976	13,669	12.5	24.2	
Merriam	575	19,101	16,976	13,669	12.5	24.2	Morrill	463	981	923	8,738	12.2	-10.6	
Morrill	463	981	923	8,738	12.2	-10.6	Murphy	1,417	4,584	4,222	5,773	8.6	42.4	
Murphy	1,417	4,584	4,222	5,773	8.6	42.4	Nance	466	8,928	8,222	5,773	8.6	42.4	
Nance	466	8,928	8,222	5,773	8.6	42.4	Nemaha	398	13,095	14,952	12,930	-12.4	15.6	
Nemaha	398	13,095	14,952	12,930	-12.4	15.6	Nevada	579	13,019	13,414	9,414	37.9	61.3	
Nevada	579	13,019	13,414	9,414	37.9	61.3	Osage	696	19,323	22,288	25,403	-13.3	-12.3	
Osage	696	19,323	22,288	25,403	-13.3	-12.3	Pawnee	431	10,582	11,770	10,340	-10.1	13.8	
Pawnee	431	10,582	11,770	10,340	-10.1	13.8	Perkins	886	2,570	1,702	4,364	51.0	-61.0	
Perkins	886	2,570	1,702	4,364	51.0	-61.0	Phelps	538	10,451	10,772	9,869	-3.0	9.1	
Phelps	538	10,451	10,772	9,869	-3.0	9.1	Pierce	877	10,122	8,445	4,864	19.9	73.6	
Pierce	877	10,122	8,445	4,864	19.9	73.6	Platte	673	19,006	17,747	15,437	7.1	15.0	
Platte	673	19,006	17,747	15,437	7.1	15.0	Polk	430	10,321	10,542	10,817	-0.2	-2.5	
Polk	430	10,321	10,542	10,817	-0.2	-2.5	Rawlins	720	11,656	9,604	8,337	15.1	8.7	
Rawlins	720	11,656	9,604	8,337	15.1	8.7	Richardson	493	17,448	17,471	11,016	54.6	11.0	
Richardson	493	17,448	17,471	11,016	54.6	11.0	Rock	1,094	3,627	2,809	3,093	29.1	-8.9	
Rock	1,094	3,627	2,809	3,093	29.1	-8.9	Saline	573	17,866	15,252	20,627	-2.1	-9.2	
Saline	573	17,866	15,252	20,627	-2.1	-9.2	Sarpy	240	9,274	9,080	6,875	2.1	32.1	
Sarpy	240	9,274	9,080	6,875	2.1	32.1	Saunder	750	21,179	22,095	21,577	-4.1	2.1	
Saunder	750	21,179	22,095	21,577	-4.1	2.1	Scott	535	2,552	1,888	2,274	35.2	-2.8	
Scott	535	2,552	1,888	2,274	35.2	-2.8	Scott Bluff	723	8,335	8,255	8,255	0.0	0.0	
Scott Bluff	723	8,335	8,255	8,255	0.0	0.0	Seward	574	15,895	15,690	16,140	-1.3	-30.6	
Seward	574	15,895	15,690	16,140	-1.3	-30.6	Sheridan	2,469	8,687	21,821	21,821	0.0	0.0	
Sheridan	2,469	8,687	21,821	21,821	0.0	0.0	Sherman	573	8,278	6,550	6,890	26.4	2.4	
Sherman	573	8,278	6,550	6,890	26.4	2.4	Sioux	2,055	5,569	2,055	2,452	172.5	-16.2	
Sioux	2,055	5,569	2,055	2,452	172.5	-16.2	Stanton	431	7,542	6,959	4,616	8.4	50.7	
Stanton	431	7,542	6,959	4,616	8.4	50.7	Thayer	578	14,775	14,325	12,738	3.1	12.5	
Thayer	578	14,775	14,325	12,738	3.1	12.5	Thomas	574	1,191	628	517	83.6	21.5	
Thomas	574	1,191	628	517	83.6	21.5	Valley	570	9,480	7,339	7,092	29.2	3.5	
Valley	570	9,480	7,339	7,092	29.2	3.5	Washington	380	12,738	15,096	11,869	-2.9	10.0	
Washington	380	12,738	15,096	11,869	-2.9	10.0	Wayne	430	10,397	9,862	6,169	5.4	59.9	
Wayne	430	10,397	9,862	6,169	5.4	59.9	Webster	578	12,098	12,019	11,319	0.7	6.3	
Webster	578	12,098	12,019	11,319	0.7	6.3	Wheeler	575	2,292	1,362	1,683	68.3	-6.8	
Wheeler	575	2,292	1,362	1,683	68.3	-6.8	York	575	18,721	18,205	17,279	2.8	5.4	
York	575	18,721	18,205	17,279	2.8	5.4								
<b>NEBRASKA</b>								109,321	81,875	42,336	47,856	93.4	-10.6	
<b>NEVADA</b>														
Clark	5,050	3,241	830	703	23.7	18.1	Clark	5,050	3,241	830	703	23.7	18.1	
Clark	5,050	3,241	830	703	23.7	18.1	Churchill	8,045	3,323	2,865	1,534	1,534	23.5	-1.0
Churchill	8,045	3,323	2,865	1,534	1,534	23.5	-1.0	Ely	17,059	8,133	5,688	4,794	43.0	9.5
Ely	17,059	8,133	5,688	4,794	43.0	9.5	Esmeralda	7,432	9,329	1,972	2,148	375.1	-26.4	
Esmeralda	7,432	9,329	1,972	2,148	375.1	-26.4								

\* Includes land area (in square miles) of that part of Yellowstone National Park in Montana. No population reported.

† State total includes population (2,660) of Crow Indian Reservation, not returned by counties in 1900; returned in 1910 in Roosevelt and Yellowstone Counties.

‡ State total includes population (10,765) of Indian Reservations specially enumerated in 1900, not distributed by counties.

§ For changes in boundaries, etc., of counties, see page 33.

\* See footnote to table, page 32.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

TABLE 13—CON.	COUNTY.	Land area in square miles: 1910	POPULATION.					COUNTY.	Land area in square miles: 1910	POPULATION.							
			1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900			
<b>NEVADA—Con.</b>								<b>NEW YORK</b>			47,634	9,113,614	7,268,894	6,003,174	25.4	21.1	
Eureka	1,457	1,830	1,954	3,275	—6.3	—40.3	Albany	527	173,666	165,571	164,555	4.9	0.6				
Humboldt	15,857	6,825	4,463	3,434	52.9	30.0	Albany	907	41,412	41,501	43,240	—0.2	—4.0				
Lincoln	5,729	1,780	1,534	2,260	15.4	—32.5	Broomfield	673	25,589	42,149	62,973	14.6	0.4				
Lyon	1,509	3,568	3,284	2,466	6.2	27.6	Cattaraugus	1,343	65,919	65,643	60,866	0.4	14.6				
							Cayuga	703	67,106	66,234	65,302	1.3	1.4				
Nye	18,294	7,513	1,140	1,290	559.0	—11.6	Chautauque	1,069	105,126	88,314	75,202	19.0	17.4				
Ormsby	156	3,415	2,803	4,853	18.0	—40.8	Chemung	407	54,662	54,063	48,263	1.1	12.0				
Storey	251	3,943	3,675	8,806	—17.1	—58.3	Chemung	894	35,575	36,568	37,776	—2.7	—3.2				
Washoe	6,251	17,434	9,141	6,437	90.7	+31.1	Clinton	1,049	48,520	47,430	46,457	1.7	2.1				
White Pine	8,795	7,441	1,961	1,721	279.4	13.9	Columbia	644	43,658	43,211	46,172	1.0	—6.4				
<b>N. HAMPSHIRE</b>			9,031	430,572	411,888	376,530	4.6	9.3	Cortland	503	29,249	27,576	28,657	6.1	—3.8		
Belknap	397	21,309	19,526	20,321	3.1	—3.9	Delaware	1,449	45,575	46,413	45,496	—1.8	2.0				
Carroll	955	16,316	16,895	18,124	—3.4	—6.8	Dutchess	806	87,601	81,670	77,879	7.3	4.9				
Cheshire	728	30,039	31,321	29,378	2.1	8.9	Essex	1,024	528,983	433,686	322,981	22.0	+33.9				
Cook	1,798	30,753	29,468	23,111	4.4	27.0	Franklin	1,678	45,717	42,853	38,110	6.7	19.2				
Grafton	1,729	41,632	40,844	37,217	2.0	9.7	Fulton	516	44,534	42,842	37,650	3.9	13.8				
Hillsborough	835	126,072	112,640	93,247	11.9	20.8	Genesee	496	37,615	34,561	33,265	8.8	3.9				
Merrimack	922	53,335	52,430	49,435	1.7	6.1	Greene	645	30,214	31,478	31,598	—4.0	—4.4				
Rockingham	691	32,188	31,118	29,659	2.1	6.0	Hamilton	1,700	4,373	4,947	4,763	—11.6	0.9				
Straford	379	39,331	39,337	38,412	1.0	2.3	Herkimer	1,459	56,556	51,040	45,698	10.4	11.0				
Sullivan	527	18,987	18,009	17,304	7.4	4.1	Jefferson	1,274	80,382	76,748	68,809	4.7	11.5				
<b>NEW JERSEY</b>			7,514	2,337,167	1,863,669	1,444,933	34.7	30.4	Kings	70	1,634,311	1,166,582	838,547	40.1	39.1		
Atlantic	569	71,894	46,402	28,536	54.9	60.9	Levy	1,270	24,849	27,427	29,806	—9.4	—8.0				
Bergen	237	138,062	78,411	47,226	75.9	66.1	Livingston	631	38,629	37,659	37,800	—4.6	—0.9				
Burlington	615	66,863	68,241	65,829	14.3	—0.5	Madison	650	39,289	40,545	42,892	—3.1	—1.5				
Camden	222	142,029	107,643	87,667	31.9	22.8	Morris	603	63,283	212,854	189,586	30.0	14.9				
Cape May	265	19,745	15,071	11,268	49.6	17.2	Montgomery	398	57,567	47,488	45,699	21.2	3.9				
							Nassau	274	83,633	85,448	81,301	—4.6	—2.0				
							New York	6,2	7,262,322	2,050,600	1,515,301	34.7	35.3				
Cumberland	590	55,153	51,193	45,438	4.7	12.7	Niagara	522	92,036	74,961	62,491	22.8	10.4				
Essex	322	312,885	359,033	365,078	42.8	8.0	Oneida	1,250	154,157	132,840	122,922	16.1	8.0				
Gloucester	309	37,368	31,905	26,649	17.1	11.2	Onondaga	751	200,798	168,735	146,247	18.7	15.0				
Hudson	43	537,231	386,048	275,126	39.2	40.3	Ontario	643	69,649	68,453	64,809	4.6	6.0				
Hunterdon	437	33,569	34,507	33,555	—2.7	—2.4	Orange	834	116,901	103,529	97,859	11.7	6.1				
Mercer	226	125,657	95,365	79,978	31.8	19.2	Orleans	366	32,600	30,164	30,803	6.1	—2.1				
Morris	712	114,426	93,762	61,763	42.3	29.2	Oswego	996	71,024	70,881	71,883	1.1	—1.4				
Mounouth	479	94,734	82,057	69,128	15.4	18.7	Otsego	1,009	47,216	48,939	50,861	—3.5	—2.8				
Morris	473	74,704	65,156	54,101	14.7	20.4	Putnam	233	14,655	13,787	14,449	6.4	—7.2				
Ocean	677	21,318	19,747	15,974	10.0	8.4	Queens	105	284,941	152,999	128,059	85.6	19.5				
Passaic	196	215,962	155,202	105,046	39.1	47.7	Rensselaer	663	122,776	121,697	124,511	0.5	—2.3				
Salem	343	36,969	35,530	29,151	38.8	1.5	Richmond	48	85,999	67,021	61,663	28.3	29.7				
Somerset	305	38,820	32,948	28,111	17.8	16.4	Rockland	183	49,873	35,298	35,162	22.4	8.9				
Sussex	529	29,781	24,154	22,259	11.0	8.4	St. Lawrence	2,704	89,003	89,083	83,968	—0.1	4.7				
Union	103	140,197	99,333	72,467	41.1	37.1	Saratoga	823	61,917	61,089	57,663	1.4	5.9				
Warren	362	43,187	37,781	36,533	14.3	3.4	Schenectady	200	88,235	46,852	29,797	88.3	57.2				
							Schoharie	642	23,855	26,854	29,164	—11.2	—7.9				
							Schuyler	396	14,004	15,811	16,711	—11.4	—5.4				
							Seneca	336	89,272	88,272	84,272	—4.6	—6.7				
<b>NEW MEXICO</b>			122,503	327,301	198,310	169,282	87.6	21.9	Stauben	1,491	83,362	82,822	81,473	0.7	1.7		
Bernalillo	1,214	23,606	28,630	20,913	—15.5	133.4	Suffolk	424	96,138	77,582	81,491	23.9	24.1				
Chaves	1,408	16,850	4,773	7,727	283.0	0.0	Sullivan	1,022	33,808	32,306	31,031	4.6	4.1				
Cofa	3,798	16,403	10,150	7,727	42.2	27.5	Tioga	320	25,624	27,951	29,933	—8.3	—6.6				
Curry	1,906	11,443	12,893	9,191	26.6	16.8	Tompkins	476	33,647	33,800	32,923	—0.5	2.8				
Dona Ana	3,821	12,993	10,187	9,191	26.6	16.8	Ulster	1,140	91,768	88,423	87,962	3.8	1.6				
Eddy	6,923	12,400	3,229	9,657	10.0	33.4	Warren	839	32,423	29,943	27,866	6.6	7.5				
Grant	7,738	14,513	12,853	9,657	15.0	—30.1	Washington	1,187	47,778	45,624	45,090	4.7	—0.1				
Gradualpa	4,927	9,927	4,403	3,000	12.0	—13.0	Wayne	599	50,179	48,560	49,729	3.1	—2.1				
Lincoln	4,779	7,822	4,953	7,085	101.5	—	Westchester	418	283,655	184,267	146,772	53.6	25.5				
Luna	2,976	3,913	10,204	10,618	—42.2	—	Wyoming	591	33,589	31,413	30,167	14.4	9.5				
McKinley	5,596	12,963	6,000	6,000	—47.5	—	Yates	343	18,642	20,318	21,001	—8.2	—3.3				
Otero	6,089	7,069	4,791	4,791	—47.5	—	<b>N. CAROLINA</b>			48,740	2,206,287	1,983,810	1,617,949	16.5	17.1		
Quay	2,905	14,912	11,800	76.1	—	—	Alamance	492	28,712	25,665	18,271	11.9	40.5				
Rio Arriba	5,271	16,624	13,777	11,534	20.7	12.3	Alexander	289	11,592	10,960	9,430	5.8	16.2				
Roosevelt	2,851	12,064	4,855	1,880	76.1	—	Alleghany	234	7,745	7,759	6,233	—0.2	18.9				
San Juan	5,476	8,561	8,888	6,300	—27.1	—	Ames	566	21,870	20,167	18,413	—9.2	—				
San Miguel	4,798	22,930	22,663	24,294	4.0	—8.9	Ashe	427	19,074	19,381	15,628	—2.6	25.3				
Sandoval	3,871	8,579	14,658	13,562	0.8	8.1	Beaufort	840	30,877	26,404	21,072	16.9	25.3				
Santa Fe	1,973	14,770	14,658	13,562	0.8	8.1	Berle	703	23,039	20,538	19,176	12.2	7.1				
Serra	3,188	3,836	3,138	3,630	12.0	—13.0	Bladen	1,004	18,096	17,677	16,763	1.9	5.5				
Soconito	1,070	14,761	12,195	9,598	21.0	27.1	Brunswick	1,004	14,439	14,000	13,900	—0.7	—				
Taos	2,252	12,008	10,889	9,868	10.3	10.3	Buncombe	639	49,798	44,288	35,266	12.4	25.6				
Torrance	3,369	10,119	4,522	151.9	—	—											
Union	1,370	11,044	4,522	151.9	—	—											
Valencia	5,659	13,320	13,895	13,876	—4.1	0.1			</								

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 10. A minus sign (—) denotes decrease.]

Table 13—Con.	COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
			1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>N. CAROLINA—</b>														
<b>Con.</b>														
Burke	534	21,408	17,699	14,339	21.0	15.5	Scotland	349	15,263	12,533	.....	22.4	.....	
Cabarrus	390	26,240	22,456	18,142	15.9	23.8	Stanly	416	19,909	15,220	12,136	30.8	25.4	
Caldwell	512	20,579	16,614	12,958	31.1	27.6	Stokes	480	20,151	19,866	17,199	1.4	15.5	
Candler	230	5,640	5,474	5,077	3.0	—3.4	Surry	520	29,705	25,515	19,281	16.4	32.3	
Carteret	573	13,776	11,851	9,255	16.0	9.1	Taylorsville	553	10,463	8,767	6,577	23.8	27.7	
Caswell	402	14,558	15,028	16,028	—1.1	—6.2	Transylvania	379	7,191	6,620	5,881	8.6	12.6	
Catawba	408	27,918	22,133	18,689	26.1	18.4	Tyrrell	390	5,219	4,960	4,225	4.8	17.9	
Chatham	196	22,635	23,912	25,413	—5.3	—5.9	Union	865	33,277	27,156	21,259	22.5	27.7	
Charlotte	454	14,186	11,569	9,729	19.0	11.9	Van Hook	279	38,598	16,084	17,581	16.4	—5.1	
Chowan	165	11,903	10,228	9,167	10.2	11.9	Wake	845	63,229	54,626	49,207	15.7	11.0	
City	220	3,909	4,532	4,197	—13.7	7.0	Warren	425	20,256	19,151	19,360	5.8	—1.1	
Cleveland	488	29,494	25,078	20,394	17.6	23.0	Washington	327	11,602	10,608	10,200	4.3	4.0	
Columbus	933	28,030	21,274	17,856	31.7	19.1	Watson	342	13,556	13,417	10,611	1.0	26.4	
Crawford	660	25,594	21,169	18,583	19.9	17.7	Wayne	815	38,598	31,983	29,103	13.8	20.5	
Cumberland	1,013	35,284	29,249	27,321	20.6	7.1	Wilkes	735	30,282	26,572	22,675	12.7	18.5	
Curry	292	7,693	6,529	6,747	17.8	—3.2	Yancey	384	38,384	36,276	33,306	7.7	8.8	
Dare	477	4,841	4,757	3,768	1.8	26.2	Yadkin	324	14,428	14,083	13,790	9.6	2.1	
Davison	569	29,494	24,403	20,762	25.2	7.8	Yancey	298	12,672	11,464	9,490	5.3	20.8	
Davis	285	12,394	12,115	11,621	10.6	4.3	<b>N. DAKOTA</b>							
Duplin	783	25,442	22,405	18,790	23.5	19.9	Adams	70.183	577,056	519,146	190,683	80.8	67.1	
Durham	291	35,276	26,233	18,041	34.5	45.4	Barnes	997	5,407	5,407	.....	.....		
Edgecombe	509	32,010	26,591	24,113	20.4	10.3	Bowman	1,110	18,096	18,160	7,045	37.3	.....	
Forsyth	376	47,311	33,261	28,534	34.2	24.0	Burke	1,364	12,631	8,320	2,460	52.4	186.7	
Franklin	468	24,092	21,116	21,090	—0.7	19.1	Butternut	3,404	10,185	9,753	10,947	47.5	.....	
Gaston	371	37,663	27,903	17,764	32.8	57.1	Cavalier	1,681	17,495	7,382	2,933	126.6	100.4	
Gates	359	10,455	10,413	10,222	0.4	1.6	Belmont	1,104	4,098	.....	.....			
Graham	298	4,749	4,343	3,313	9.3	31.1	Benson	1,140	1,140	.....	.....			
Haywood	265	26,102	23,803	24,487	7.6	—3.0	Billings	1,651	13,687	6,081	4,247	115.2	43.2	
Greene	252	13,083	12,038	10,039	8.7	19.9	Cass	1,703	33,935	28,625	19,613	18.6	45.9	
Guilford	691	60,497	39,074	28,052	54.8	38.3	Cedar	1,454	4,484	.....	.....			
Hallfax	676	37,646	30,773	28,908	22.3	6.5	Chapman	1,120	9,339	6,061	5,573	62.3	8.8	
Harnett	595	22,114	15,588	13,700	38.7	16.7	Dickey	1,242	6,015	.....	.....			
Haywood	345	21,039	15,346	29.6	21.5	Divide	2,084	5,302	.....	.....				
Henderson	565	16,262	14,104	12,589	15.3	12.0	Dunn	631	4,809	3,330	159	44.1	141.8	
Hertford	341	15,436	14,294	13,851	8.0	3.2	Eddy	1,563	9,796	4,949	1,971	123.2	124.6	
Hyde	617	8,840	9,278	8,903	—4.7	4.2	Emmons	644	5,313	3,770	1,210	40.9	211.6	
Iredell	588	34,315	29,064	25,462	18.1	14.1	Foster	1,433	27,888	28,625	19,357	14.0	33.2	
Jackson	494	12,969	11,833	9,512	9.7	24.6	Grand Forks	717	6,274	4,744	2,817	32.3	68.4	
Johnston	494	41,401	32,250	27,239	28.4	18.4	Griggs	1,132	6,557	.....	.....			
Jones	417	8,720	8,226	7,403	6.0	11.1	Hettinger	1,386	5,962	1,754	1,211	239.9	44.8	
Lee	291	11,376	.....	.....	.....	.....	Lamoure	1,147	10,724	6,048	3,187	77.3	89.8	
Lincoln	299	17,132	15,498	12,586	10.5	23.1	Logan	997	6,168	1,625	597	279.6	172.2	
McDowell	443	13,538	12,567	10,939	7.7	14.9	McHenry	1,888	17,627	5,233	1,584	235.6	231.6	
Macon	513	12,191	12,104	10,102	0.7	19.8	McIntosh	1,003	7,251	4,818	3,248	50.5	48.3	
Madison	436	20,132	20,644	17,805	—2.5	15.5	Mckenzie	2,547	5,720	.....	.....			
Marion	438	17,797	15,383	15,221	16.7	1.1	McLean	2,305	14,490	4,791	800	202.6	394.1	
Mecklenburg	597	67,031	55,298	42,673	21.3	29.9	Meeker	1,110	4,747	1,778	426	107.0	336.1	
Mitchell	371	17,245	15,271	12,807	13.3	18.8	Merton	4,742	25,289	10,367	5,239	146.1	754.0	
Montgomery	498	14,967	14,907	13,491	8.4	14.4	Minnehaha	1,914	8,491	4,717	3,732	88.6	70.4	
Moore	639	17,010	23,622	29,479	—28.0	15.5	Morton	981	10,440	7,012	4,233	38.6	70.4	
Nash	863	33,727	28,478	24.4	23.0	Oliver	720	3,577	990	464	261.3	113.4		
New Hanover	216	32,037	25,785	24,026	21.2	7.3	Pembla	1,117	14,749	17,869	14,334	—17.5	24.7	
Northampton	504	22,223	21,150	21,242	5.5	—0.5	Pierce	1,035	6,740	4,765	965	104	428.5	
Onslow	743	14,129	11,940	11,940	18.9	15.9	Ramsey	1,156	15,169	9,198	4,418	63.2	108.2	
Orange	390	15,664	14,960	14,948	2.5	—1.7	Ransom	800	10,345	6,919	5,383	49.5	28.3	
Pamlico	350	9,965	8,045	14.6	23.9	12.6	Renville	899	7,840	.....	.....			
Pasquotank	223	16,693	15,659	16,748	22.2	27.1	Richland	1,437	19,659	17,387	10,751	13.1	61.7	
Pender	819	33,811	31,281	27,617	8.7	13.0	Roberts	918	6,558	7,965	2,427	19.5	130.8	
Perquimans	252	11,054	10,091	9,253	9.5	8.6	Sargent	855	9,202	6,039	5,076	52.4	19.0	
Person	391	17,256	16,685	15,151	4.0	10.1	Sheridan	996	8,103	.....	.....			
Pitt	627	36,340	30,889	25,519	17.6	21.0	Stark	1,356	12,504	7,621	2,304	64.1	230.8	
Polk	251	7,609	7,004	5,902	9.1	18.7	Steele	717	7,616	5,888	3,779	29.3	55.9	
Rutherford	803	29,491	28,222	25,195	4.5	12.1	Stromberg	2,262	18,189	9,143	5,266	98.9	73.6	
Richmond	521	19,673	15,855	23,948	24.1	—33.8	Towner	1,037	8,963	6,491	1,450	38.1	347.7	
Robeson	1,051	51,945	40,371	31,483	28.7	28.2	Trall	865	12,545	15,107	10,217	—4.3	28.3	
Rockingham	579	36,442	33,163	25,363	9.9	30.8	Walsh	1,282	19,491	20,288	16,587	—3.9	27.3	
Rowan	489	37,321	31,066	24,123	20.8	28.8	Ward	2,054	25,281	7,904	1,681	217.6	323.6	
Rutherford	544	28,385	25,101	19,770	13.1	33.7	Wells	1,253	11,814	8,510	1,812	42.2	88.6	
Sampson	922	29,982	26,280	25,096	13.7	5.1	Williams	2,138	14,234	1,130	.....	830.3	.....	

1 For changes in boundaries, etc., of counties, see page 33.

2 State total includes population (8,264) of Indian reservations specially enumerated in 1910, not distributed by counties; population (47,269) of Buford and Flannery Counties, taken to form part of Williams County between 1890 and 1900; and population (563) of Charet, Garret, Stevens, and Wallace Counties, and old Hatter, Hatter, Mountaineer, Reidsville, Sheridan, and Williams Counties, annexed to Reidsville, Mountaineer, McHenry, Pierce, Ward, Stark, and Mercer Counties between 1890 and 1900.

3 See headnote to table, page 32.

4 Includes population (2,268) of part of Standing Rock Indian Reservation, not returned by counties in 1900.

5 Includes population (511) of Fort Yates and Standing Rock Indian Agency.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.

COUNTY.	Land area in square miles: 1910	POPULATION.				PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.				PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900	1910			1900	1890	1900-1910	1890-1900		
<b>OHIO—</b>	<b>40,740</b>	<b>4,797,121</b>	<b>4,157,545</b>	<b>3,672,329</b>	<b>14.7</b>	<b>13.2</b>	<b>OHIO—Con.</b>								
Adams.....	546	24,755	26,328	26,093	-6.0	0.9	Licking.....	669	35,590	47,070	43,279	18.1	8.8		
Allen.....	406	56,580	47,976	40,614	-17.9	18.0	Loman.....	451	30,054	30,429	27,386	-1.1	5.1		
Ashtabula.....	421	22,975	21,184	21,223	-8.7	-1.7	Madison.....	407	70,627	64,817	40,293	38.6	36.1		
Athens.....	723	59,547	51,448	43,655	15.7	17.9	Meigs.....	424	192,728	153,599	102,796	28.5	50.1		
Auglaize.....	397	31,246	31,192	28,100	0.2	11.0	Mercer.....	497	19,902	20,330	20,057	-3.3	20.7		
Belmont.....	350	76,866	60,875	57,413	26.3	6.0	Mohoning.....	427	116,151	70,134	55,979	65.6	25.3		
Brown.....	481	24,832	28,247	29,829	-12.1	-5.8	Montgomery.....	469	33,971	25,958	24,727	18.5	10.0		
Butler.....	452	70,271	56,870	48,597	23.6	17.0	Morgan.....	412	25,904	28,629	29,813	-10.6	-4.0		
Carroll.....	387	15,764	16,811	17,566	-6.2	-4.3	Morrow.....	459	27,536	28,021	27,220	-1.7	2.9		
Champaign.....	421	26,351	26,642	26,990	-1.1	-1.7	Miami.....	468	45,047	45,105	39,754	4.5	8.4		
Clark.....	407	46,455	58,039	53,277	12.7	12.7	Monroe.....	448	21,244	27,031	25,175	-10.3	7.4		
Clermont.....	465	28,861	31,610	33,353	-5.3	-5.5	Monticemy.....	455	163,713	130,116	100,852	25.8	29.0		
Clinton.....	441	23,680	21,202	21,240	-2.2	-0.2	Morgan.....	402	16,097	17,905	19,143	-10.1	-6.5		
Columbiana.....	534	76,619	68,399	59,029	11.7	16.2	Morrow.....	463	16,815	17,979	18,120	-6.0	-1.1		
Coshocton.....	558	30,121	29,327	26,703	2.7	9.9	Muskingum.....	664	57,488	58,185	51,210	8.1	3.9		
Crawford.....	499	34,036	33,915	31,927	0.4	5.4	Noble.....	479	18,601	19,496	20,753	-4.4	-2.2		
Cuyahoga.....	463	637,425	499,120	309,570	45.2	41.7	Ottawa.....	270	22,369	22,213	21,974	0.7	1.1		
Darke.....	586	42,983	42,532	42,901	0.9	-1.0	Paidy.....	413	22,730	27,528	25,932	-17.4	6.2		
Defiance.....	490	24,098	26,387	25,719	-7.2	2.4	Parrish.....	399	35,396	31,941	31,151	11.2	2.2		
Delaware.....	445	27,182	26,409	27,199	3.0	-2.9	Pekawau.....	420	26,158	27,016	26,959	-3.2	0.2		
Erle.....	256	38,727	37,850	35,462	1.8	6.2	Pike.....	628	15,723	18,172	17,482	-13.7	3.9		
Fairfield.....	495	31,201	34,229	33,939	1.4	0.9	Portage.....	521	30,307	29,246	27,868	3.6	4.9		
Fayette.....	413	21,744	21,725	22,399	0.1	-2.6	Preble.....	416	23,834	23,713	23,421	0.5	1.2		
Franklin.....	517	221,567	164,460	128,957	34.7	52.5	Putnam.....	422	29,322	32,555	30,188	-7.8	7.7		
Fulton.....	405	23,914	22,801	22,023	4.9	3.5	Richland.....	593	47,667	44,263	38,672	7.6	16.3		
Geauga.....	416	27,918	27,445	27,005	0.8	1.4	Shelby.....	478	44,048	43,775	42,041	-2.1	3.4		
Genesee.....	416	14,670	14,744	13,199	-0.5	9.3	Sandusky.....	513	35,171	34,311	30,617	2.5	12.1		
Greene.....	415	29,733	31,613	29,820	-3.9	6.0	Scioto.....	623	45,463	40,981	35,377	18.3	15.3		
Guernsey.....	518	42,716	34,425	28,645	24.1	20.2	Seneca.....	550	42,421	41,163	40,869	3.1	0.7		
Hamilton.....	407	460,732	409,479	374,973	12.5	9.3	Shelby.....	513	31,663	24,625	24,707	0.2	-0.3		
Hancock.....	533	37,820	37,820	37,820	-1.3	0.0	Stark.....	546	128,827	94,747	84,170	29.8	12.6		
Hardin.....	473	30,367	31,187	28,939	-2.5	7.8	Summit.....	408	108,233	71,715	54,089	50.9	32.6		
Harrison.....	491	19,076	20,486	20,830	-6.9	-1.7	Trambull.....	663	52,766	46,491	42,217	23.7	19.9		
Harrison.....	491	19,076	20,486	20,830	-6.9	-1.7	Trumbull.....	663	52,766	46,491	42,217	23.7	19.9		
Highland.....	549	28,711	30,362	29,098	-7.3	6.7	Union.....	422	21,871	22,342	22,860	-2.1	-2.3		
Hocking.....	411	23,120	24,398	23,625	-1.1	7.7	Van Wert.....	496	29,119	30,384	29,671	-4.2	-4.5		
Holmes.....	418	17,969	19,511	21,139	-8.2	-7.7	Vinton.....	412	13,096	15,330	16,045	-14.6	-4.4		
Huron.....	494	34,206	32,330	31,949	5.8	1.2	Warren.....	418	24,497	25,588	25,468	-4.7	3.6		
Jackson.....	494	30,791	31,782	28,667	-10.1	20.6	Washington.....	630	45,422	48,245	42,380	-5.9	13.8		
Jefferson.....	407	65,423	44,357	39,415	47.5	12.5	Wayne.....	557	38,068	37,870	30,005	0.5	-2.9		
Knox.....	513	30,181	27,708	27,600	8.7	0.6	Williams.....	411	25,198	24,953	24,897	1.0	0.2		
Lake.....	241	22,927	21,680	18,233	5.8	18.9	Wood.....	612	46,380	51,555	44,392	-10.1	16.1		
Lawrence.....	443	39,488	39,534	39,556	-0.1	-0.1	Wyandot.....	496	20,760	21,125	21,722	-1.7	-2.7		

COUNTY.	Land area in square miles: 1910	POPULATION.				PER CENT OF INCREASE.	
		1910	1907	1900	1890	1907-1910	1900-1910
<b>OKLAHOMA</b>	<b>69,414</b>	<b>1,857,155</b>	<b>1,614,117</b>	<b>1,790,391</b>	<b>258,657</b>	<b>17.2</b>	<b>109.7</b>
Adair.....	584	10,355	9,115		15.6		
Adair.....	807	18,870	18,870		15.6		
Atoka.....	997	13,808	12,113		14.0		
Beaver.....	1,813	13,031	13,354	3,051	2,674	20.4	346.8
Beckham.....	907	18,699	17,758		10.0		
Blaine.....	931	17,900	17,227	10,658	4.3	68.5	
Bryan.....	928	29,854	27,865		7.1		
Canadian.....	1,377	35,685	30,241		18.0		
Carters.....	891	11,699	11,110	14,981	7,158	4.9	47.1
Carters.....	891	23,356	26,402		14.0		
Cherokee.....	791	16,778	14,274		17.5		
Choctaw.....	750	21,862	17,340		25.1		
Cimarron.....	1,849	1,853	5,467		29.2		
Cleveland.....	554	18,843	18,460	16,388	6,005	2.1	15.0
Coal.....	525	15,817	15,585		3.5		
Comanche.....	1,728	41,469	31,738		30.7		
Comanche.....	902	26,223	18,965		42.8		
Custer.....	891	23,231	20,110	18,478	18,644	16.8	80.4
Delaware.....	794	11,469	9,876		16.1		
Dewey.....	989	14,132	13,329	8,819	6.0	60.2	
Ellis.....	1,218	15,375	13,978		10.0		
Garfield.....	1,081	33,050	28,300		16.8		
Garvin.....	821	26,545	23,757		16.5		
Grady.....	1,024	30,309	23,420		29.4		

1 State total includes population (13) specially enumerated in 1890, not distributed by counties.  
 2 Special census of Oklahoma and Indian Territory, taken as of July 1, 1907, by order of the President.  
 3 State total includes population (13,873) of Kaw, Kiowa, Comanche and Apache, Osage, and Wichita Indian Reservations; population (2,173) of Day County, part taken to form part of Ellis County in 1907 and part annexed to

COUNTY.	Land area in square miles: 1910	POPULATION.				PER CENT OF INCREASE.	
		1910	1907	1900	1890	1907-1910	1900-1910
<b>OKLAHOMA</b>							
Grant.....	994	18,790	17,638	17,273		6.4	8.6
Grant.....	994	18,440	23,624	17,622	5,338	-30.4	-8.2
Harmont.....	548	11,328				1.5	
Harpers.....	1,035	8,189	8,069			1.5	
Haskell.....	618	18,876	16,869			11.9	
Hughes.....	855	24,040	19,945			20.5	
Jackson.....	778	23,737	17,087			39.9	
Jefferson.....	767	17,430	13,459			28.5	
Jones.....	658	18,674	18,672			-0.1	
Kay.....	934	26,999	24,757	23,530		9.1	19.8
Kingsfisher.....	890	18,325	18,040	18,301	8,332	4.5	1.8
Kiowa.....	1,173	27,535	26,247			21.2	
Kiowa.....	735	11,823	9,340			21.2	
Le Flore.....	1,014	29,127	24,678			18.0	
Lincoln.....	959	34,770	37,293			-7.1	
Logan.....	719	21,470	20,711	26,563	12,770	3.4	19.5
Love.....	562	15,259	11,134			-8.1	
McClain.....	406	10,636	12,888			21.5	
McCurtain.....	1,397	78,081	33,198			23.7	
Meintosh.....	664	20,961	17,975			16.6	
Major.....	937	15,248	14,367			6.6	
Marshall.....	419	11,619	13,144			-11.6	
Mayes.....	676	30,804	30,804			-2.7	28.8
Murray.....	434	12,744	11,945			6.7	
Muskogee.....	814	52,744	37,467			40.8	

Roger Mills County since 1900; and population (392,060) of Indian Territory, not distributed by counties in 1900.  
 4 State total includes population (16,641) of that part of Oklahoma, and population (180,182) of Indian Territory, specially enumerated in 1890, not distributed by counties.  
 5 For changes in boundaries, etc., of counties, see page 53.





## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900	
<b>TENNESSEE—</b>														
<b>Con.</b>														
Franklin	575	20,491	20,302	18,929	0.5	7.7	Armstrong	903	2,682	1,205	944	122.6	27.6	
Gilson	633	41,630	39,408	35,859	5.6	9.9	Atascosa	1,358	10,004	7,143	6,459	40.1	10.6	
Giles	628	32,629	33,035	34,957	-1.2	-5.5	Austin	728	17,699	20,676	17,859	-14.4	15.8	
Granger	397	13,888	15,512	14,196	-10.5	15.0	Baylor	1,030	4,121	4,322	—	—		
Greene	613	31,083	30,596	26,361	1.6	15.0	Baylor	1,532	5,332	3,755	-7.7	40.6		
Grundy	375	8,322	7,802	6,345	6.7	23.0	Bastrop	867	25,344	26,845	20,736	-5.6	29.5	
Hamblen	108	13,650	12,728	11,418	7.2	11.5	Baylor	880	8,411	3,032	2,595	17.6	17.6	
Hamilton	409	89,207	61,693	53,482	44.7	15.4	Bee	856	12,000	17,720	3,720	55.6	107.5	
Hancock	228	10,778	11,147	10,342	-3.3	7.8	Bee	1,033	1,186	45,935	33,377	8.0	36.4	
Hardeman	697	23,011	22,976	21,629	0.2	9.3	Bexar	1,263	119,676	69,422	49,206	72.6	40.0	
Hardin	582	17,521	19,246	17,698	-0.0	8.7	Bland	750	4,311	4,703	4,649	-8.3	1.2	
Hawkins	482	23,587	24,207	22,246	-2.8	9.1	Borden	850	1,386	776	222	7.8	245.5	
Haywood	508	28,510	28,149	23,538	2.5	6.9	Boque	975	19,013	17,290	14,224	9.3	23.3	
Henderson	536	17,030	18,417	16,336	-6.0	10.9	Bosque	1,028	2,162	1,253	28,676	29,267	30.6	31.6
Henry	626	25,434	24,208	21,070	5.1	14.9	Brazoria	1,340	13,299	14,861	11,506	-10.5	29.2	
Hickman	570	16,527	16,367	14,499	1.0	12.9	Brazos	597	18,919	18,859	16,600	0.3	13.3	
Houston	157	6,224	6,476	5,390	-3.9	20.1	Brewster	535	5,229	2,356	710	121.6	231.8	
Humphreys	170	14,598	15,028	11,730	-3.8	14.3	Briscoe	908	2,162	1,253	27,057	—	—	
Jackson	301	15,036	15,039	13,323	(7)	12.9	Brown	956	22,935	16,019	11,421	43.2	40.3	
James	165	5,210	5,407	4,903	-3.6	10.3	Burleson	684	18,687	18,367	13,001	1.7	41.3	
Jefferson	312	17,755	18,590	16,478	-4.5	12.8	Burnet	974	10,755	10,528	10,747	2.2	-2.0	
Johnson	294	13,191	16,589	8,858	24.6	19.5	Callwell	511	24,237	21,765	15,709	11.4	38.0	
Knox	394	91,187	74,302	59,537	26.8	24.8	Callahan	833	3,633	3,633	815	51.8	193.9	
Lake	122	5,704	7,368	5,904	18.1	38.9	Callahan	848	12,973	8,768	5,457	48.0	60.7	
Lauderdale	456	21,105	21,971	18,756	-3.9	17.1	Callahan	2,434	27,158	16,995	14,424	68.7	11.6	
Lawrence	611	17,569	15,402	12,286	14.1	25.4	Camp	207	9,551	9,146	6,624	4.4	38.1	
Lewis	296	6,033	4,455	2,553	35.4	74.4	Carson	803	2,127	409	356	333.3	31.7	
Lincoln	257	26,688	26,304	23,374	-0.8	20.9	Carson	833	27,037	22,941	6,254	29.1	8.3	
London	219	13,612	10,838	9,273	25.6	16.9	Castro	896	1,850	400	9	362.0	—	
Madison	432	21,046	19,163	17,899	9.8	7.1	Chambers	618	4,234	3,946	2,241	39.0	35.9	
MadNary	588	16,356	17,700	15,510	-7.9	14.5	Cherokee	1,049	29,038	25,154	22,975	15.4	9.5	
Mason	286	14,559	12,881	10,878	13.0	18.4	Childress	723	9,538	2,138	1,175	34.6	23.0	
McDonald	532	39,257	36,333	30,497	8.7	14.1	Childress	1,128	17,043	9,231	7,623	54.6	9.0	
Marion	504	18,820	17,281	15,441	8.9	12.1	Cochran	899	65	25	—	—		
Marshall	378	16,872	18,763	18,906	-1.0	-0.8	Coke	931	6,412	3,420	2,039	85.9	66.6	
Maury	382	40,456	42,703	38,112	-5.3	12.0	Coleman	1,290	22,618	10,077	11,212	154.5	64.9	
Meigs	373	7,491	6,930	6,330	8.1	12.6	Collin	890	49,623	57,818	36,736	-2.1	32.3	
Monroe	673	20,716	18,585	15,319	21.2	31.2	Collingsworth	898	5,224	3,233	367	327.7	245.4	
Montgomery	516	33,672	36,017	29,097	-6.5	21.3	Colorado	672	18,807	22,203	19,512	-14.9	13.8	
Moore	316	5,706	5,955	5,955	-15.9	-4.3	Comal	528	8,454	7,098	6,398	20.3	9.5	
Morgan	329	11,458	9,587	7,639	19.5	25.5	Comanche	948	27,189	23,009	15,608	18.2	47.4	
Ohio	532	29,916	28,226	27,223	5.9	3.7	Cook	918	6,463	4,043	3,963	34.0	—	
Overton	446	16,854	13,353	12,039	18.7	10.9	Cooke	902	26,043	27,494	24,696	-3.2	11.3	
Perry	487	8,815	8,800	7,785	0.2	13.0	Correll	1,085	21,705	21,308	16,873	1.9	26.3	
Pickett	162	5,087	5,366	4,761	-3.2	13.3	Cottle	1,012	4,366	1,022	240	338.7	317.5	
Polk	432	14,116	11,357	8,261	24.3	35.8	Crane	878	331	51	155	—	750.1	
Putnam	404	20,023	16,800	13,683	18.4	23.9	Crockett	3,212	1,260	1,591	1,914	-9.9	793.1	
Rhea	365	16,410	14,318	12,647	7.6	13.2	Crosby	870	1,765	788	346	124.0	127.7	
Roane	388	22,860	22,738	17,418	0.5	30.5	Dallas	1,532	4,991	146	112	2,640.4	30.4	
Robertson	455	25,466	25,029	20,978	1.7	24.7	Dallas	839	135,748	82,736	67,042	61.1	23.4	
Rutherford	614	33,199	33,543	35,097	-1.0	-4.4	Dawson	703	2,229	37	29	—	—	
Scott	550	12,947	11,077	9,274	16.9	13.1	De Witt	879	23,501	21,311	14,307	10.3	49.0	
Seminole	264	4,302	3,326	3,027	9.9	9.9	De Smith	1,549	3,942	843	179	367.6	370.9	
Sevier	226	22,596	22,922	18,710	-1.4	18.1	Delta	1,261	15,549	16,249	7,508	11.8	62.3	
Shelby	801	191,439	153,557	112,740	24.7	36.2	Denton	932	31,228	28,128	11,289	10.4	33.0	
Smith	296	18,548	19,026	18,404	-2.5	3.4	Dickens	851	3,092	1,151	295	168.6	290.2	
Stewart	440	14,850	15,224	12,193	-2.4	29.4	Dimmit	1,360	3,460	1,100	1,049	212.8	5.4	
Sullivan	436	28,129	24,935	20,579	12.2	19.9	Donley	906	5,864	2,706	1,056	91.7	161.0	
Sumner	529	25,624	26,972	26,921	-1.7	10.2	Dove	1,825	8,268	8,268	7,508	—	—	
Tipton	442	29,459	26,273	24,271	0.6	26.6	Eastland	925	23,421	17,971	10,733	30.3	73.2	
Troisdeux	106	5,874	6,004	4,606	-0.2	2.6	Ector	892	1,178	351	224	294.7	70.1	
Union	201	7,201	5,831	4,419	23.1	26.7	Edwards	2,432	3,768	3,108	1,970	21.1	57.8	
Union	255	11,414	12,994	11,629	-11.5	12.5	El Paso	9,231	52,999	50,659	111,528	111.8	58.8	
Van Buren	293	2,784	3,126	2,863	-10.9	9.1	Ellis	975	53,629	50,659	31,774	7.1	57.5	
Ware	233	10,410	10,413	9,304	-0.1	11.9	Erath	1,083	32,095	29,956	21,594	7.1	38.8	
Washington	325	28,968	25,004	20,354	28.2	11.1	Falls	745	35,649	33,342	20,706	6.9	61.0	
Wayne	749	12,062	12,936	11,471	-6.8	12.8	Fannin	838	44,801	51,795	38,749	-13.5	33.8	
Weakley	589	31,929	32,546	28,855	-1.9	12.4	Fayette	968	29,736	26,542	31,481	-18.5	16.1	
White	363	15,420	14,137	12,348	8.9	14.7	Fisher	885	12,596	3,708	2,990	237.7	23.8	
Williamson	315	26,429	26,429	26,321	-0.4	0.4	Floyd	1,014	4,638	2,020	529	129.6	281.9	
Wilson	613	20,394	27,078	27,148	-6.2	-0.3	Fort Bend	1,612	5,726	1,598	1,058	265.2	—	
							Fort Bend	792	16,168	16,168	15,138	-6.9	—	
							Franklin	262	9,331	8,674	6,481	7.6	33.8	
							Fresno	860	20,557	18,510	15,987	8.7	38.0	
							Frio	1,124	8,890	4,390	3,112	11.7	38.0	
<b>TEXAS</b>														
Anderson	938	29,650	28,015	20,923	8.8	33.9	Galveston	295	14,255	55	68	—	—	
Andrews	1,565	975	87	24	—	—	Galveston	395	44,479	44,116	31,476	0.8	40.2	
Angelina	840	17,705	13,491	6,306	31.3	113.8	Garza	1,109	1,995	185	14	978.4	—	
Aransas	280	8,421	7,146	6,261	27.7	35.9	Gillespie	1,199	9,447	8,229	7,047	9.8	38.5	
Archer	874	6,525	2,508	2,101	160.2	10.4	Glasscock	866	1,143	289	208	297.7	17.6	

¹ For changes in boundaries, etc., of counties, see page 53.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>TEXAS—Con.</b>													
Goliad	790	9,900	8,310	5,910	19.2	60.6	Motley	1,039	2,396	1,257	128	90.6	804.3
Gonzales	1,020	28,055	28,882	18,016	-2.9	60.3	Navarro	1,059	27,406	24,663	18,281	11.1	48.3
Gray	839	3,405	4,803	203	609.4	136.5	Newton	1,069	47,070	43,374	20,373	8.5	64.6
Harris	942	65,996	63,661	53,211	3.7	19.6	Newton	889	10,850	7,282	1,659	50.5	56.5
Gregg	312	14,140	12,943	9,202	14.6	31.3	Novato	880	11,999	5,151	6,848	359.6	66.0
Grimes	812	21,205	26,106	21,312	-18.8	22.5	Ochiltree	2,275	21,955	10,430	8,083	110.3	29.0
Guadalupe	703	703	21,385	15,217	16.5	40.5	Ochiltree	891	1,602	267	198	604.0	34.8
Hale	1,036	7,566	1,680	721	350.4	133.0	Oldham	1,543	812	349	270	132.7	29.3
Hall	901	8,279	1,570	703	295.7	137.6	Orange	393	9,528	5,906	4,770	61.4	25.8
Hamilton	833	15,315	13,520	9,313	13.3	45.2	Palo Pinto	958	19,506	12,291	8,320	58.7	47.7
Hansford	882	915	167	133	459.9	25.6	Panola	842	20,241	21,404	14,328	-4.6	49.4
Hartman	761	11,213	3,634	3,904	208.6	-6.9	Parker	875	26,331	25,823	21,682	2.0	19.1
Harold	862	12,947	3,049	3,566	156.4	27.6	Parmer	902	1,555	34	7	43.8	29.3
Harris	1,654	115,024	63,784	31,919	288.0	81.4	Patton	826	3,312	2,960	1,326	12.2	78.0
Harrison	872	37,243	31,878	26,721	16.8	19.3	Folk	1,217	17,459	14,447	10,332	20.8	39.8
Hartley	1,507	1,298	377	252	244.3	49.6	Potter	934	12,424	1,820	849	882.6	114.4
Haskell	923	16,249	2,637	1,653	516.2	58.4	Fresadio	3,812	5,218	3,673	1,698	42.1	116.3
Hays	623	15,353	14,142	11,352	9.7	24.6	Rain	267	6,787	6,127	3,909	10.8	56.7
Hempfling	872	3,129	815	319	288.0	57.0	Randall	872	3,312	983	1,843	243.9	415.0
Henderson	946	20,131	19,970	12,285	0.8	62.6	Reagan	1,071	392				
Hidalgo	2,276	13,728	6,837	6,534	100.8	4.6	Red River	1,039	28,564	29,893	21,432	-4.4	39.3
Hill	966	46,769	41,355	27,383	13.1	49.9	Reeves	2,781	4,362	1,847	1,247	137.8	48.1
Hockley	867	127	41	4	30.1		Religio	749	2,814	1,641	1,239	71.5	32.4
Hood	405	10,098	9,146	7,146	8.6	30.1	Roberts	806	806	620	326	32	90.2
Hopkins	813	31,038	27,950	20,572	11.0	35.9	Robertson	872	27,454	31,800	25,000	-12.8	18.8
Houston	1,231	29,564	25,452	19,360	16.2	31.5	Rockwall	149	8,072	8,531	5,972	-5.4	42.8
Howard	891	8,881	2,528	1,210	234.3	108.9	Runnell	1,083	20,858	5,379	13,591	287.8	68.5
Hughes	878	43,116	47,285	31,883	48.3		Rusk	889	26,946	26,699	18,559	33.2	40.6
Hutchinson	879	892	303	58	194.4	8.8	Sabine	889	889	6,394	342.7		
Irion	908	1,283	808	51.3	-2.5		San Augustine	622	11,254	8,434	6,688	33.6	26.1
Jack	862	6,317	10,224	9,740	15.6	5.0	San Jacinto	602	9,654	10,277	7,360	-7.2	39.6
Jackson	993	11,481	6,094	3,281	6.2	85.7	San Antonio	676	7,907	2,372	3,132	208.1	80.8
Jackson	828	6,490	7,138	5,392	9.1	116	San Carlos	1,116	12,545	6,759	6,861	86.6	6.4
Jed Davis	2,263	1,678	1,159	1,394	45.9	-17.5	Schleicher	1,387	1,893	115	165	267.2	232.3
Jefferson	920	38,182	14,239	5,587	168.2	143.1	Scurry	887	10,924	4,158	1,415	162.7	193.9
Johnson	740	34,460	33,819	22,313	1.9	51.6	Shackelford	947	4,201	2,461	2,012	70.7	72.3
Jones	922	24,399	7,053	3,637	244.5	85.8	Shelby	833	26,423	20,452	14,365	29.2	42.4
Jordan	834	6,612	8,881	3,197	73.1	128.7	Shelby	934	1,676	1,047	1,239.1		
Kaufman	834	35,323	33,376	21,988	5.8	54.5	Smith	939	41,746	37,300	28,234	11.7	31.9
Kendall	898	4,517	4,103	3,826	10.1	7.2	Somervell	1,244	3,931	3,498	3,419	12.4	2.3
Kent	822	2,635	899	324	195.3	3.9	Starr	2,675	13,151	11,469	10,749	14.7	6.7
Kerr	1,197	3,303	5,880	4,462	10.5	11.6	Stephens	925	7,080	6,466	4,926	23.4	31.3
Kerr	1,301	3,201	2,303	2,243	39.3	11.6	Sterling	948	1,493	1,127	1,028.1		
Kiwa	867	819	490	173	63.5	183.2	Stonewall	1,522	5,320	2,183	1,034	143.7	113.2
Kinney	1,312	3,401	2,447	3,781	39.0	-35.3	Sutton	851	1,969	1,727	698	-9.1	162.2
Knott	862	9,625	2,322	1,134	314.5	104.8	Swisher	898	4,012	1,227	1,010	227.0	1,127.0
La Salle	1,361	3,478	2,303	1,139	106.1	7.7	Tarrant	903	108,572	52,376	41,142	167.3	21.3
Lamar	945	46,544	48,627	37,302	-4.3	30.4	Taylor	896	26,293	10,499	6,867	150.4	56.9
Lamb	1,022	549	31	1			Terrell	2,635	1,430				
Lampasas	740	9,532	8,625	7,684	10.5	13.7	Terry	870	1,474	48	21		
Lavaca	950	26,418	28,121	21,887	-6.1	28.5	Throckmorton	879	10,250	11,899	10,877	160.7	94.0
Lee	1,132	13,132	14,285	11,933	-12.9	298	Titus	1,428	16,422	12,752	9,519	33.6	30.1
Leon	910	10,583	18,072	13,841	-8.2	30.6	Tom Green	1,454	10,822	8,982	16,328	162.8	32.1
Liberty	1,109	10,660	8,102	4,239	31.9	91.5	Travis	1,094	55,620	47,386	36,322	17.4	30.5
Limestone	974	54,621	52,753	21,678	6.3	50.3	Trinity	716	12,798	10,796	7,648	16.3	43.5
Lipscomb	888	2,654	790	632	233.4	25.0	Tyler	988	10,250	11,899	10,877	-13.9	9.4
Live Oak	1,116	14,442	2,398	2,028	20.8	18.4	Victoria	100	19,963	16,622	12,693	22.7	28.1
Llano	917	6,329	7,901	6,772	-10.7	7.8	Upton	1,195	501	88	82		
Loving	753	219	33	3			Uvalde	1,589	11,233	4,647	3,804	141.7	22.2
Lubbock	868	3,684	293	1	1,136.9	57.4	Val Verde	3,083	8,113	5,263	2,874	63.7	88.1
Lynn	391	10,472	10,754	10,862	-2.6	-1.0	Van Zandt	831	25,651	25,481	16,225	0.7	87.0
McCulloch	1,074	13,765	3,960	3,917	28.1	11.1	Walker	791	16,061	15,961	12,874	1.6	28.8
McCombs	1,049	73,120	69,772	39,204	22.5	52.5	Walker	791	16,061	15,961	12,874	1.6	28.8
McDowell	1,302	1,091	1,024	1,038	6.5	-1.3	Walker	1,029	12,138	14,246	10,888	-14.8	30.8
Madison	1,001	4,405	10,832	8,012	-1.1	20.2	Ward	827	2,389	1,641	64.6		
Marion	901	10,472	10,754	10,862	-2.6	-1.0	Washington	628	25,561	32,931	29,161	-22.4	12.9
Marion	901	10,472	10,754	10,862	-2.6	-1.0	Washington	628	25,561	32,931	29,161	-22.4	12.9
Mason	969	5,883	5,573	5,180	2.0	7.6	Wharton	1,112	21,123	16,942	7,884	24.7	123.9
Matagorda	1,136	13,394	6,092	3,985	123.0	33.0	Wheeler	895	5,258	6,696	7,778	726.7	66.5
Maverick	1,251	5,131	4,066	3,698	26.7	10.0	Wichita	694	16,994	8,668	177.2	20.2	
Medina	1,353	13,415	7,783	5,730	7.4	35.8	Wilbarger	862	12,000	5,759	7,092	108.4	-18.8
Menard	944	2,767	2,041	1,215	34.6	63.5	Williamson	1,129	42,228	38,072	25,909	10.9	46.9
Midland	887	3,404	1,911	1,033	99.0	68.5	Wilson	813	17,066	13,901	10,655	22.2	21.0
Milam	859	30,219	24,773	17,751	7.5	60.1	Winkler	844	212	142	127		
Mills	666	9,604	7,851	5,493	25.5	42.9	Wise	826	49,890	27,116	24,134	-2.5	12.1
Mitchell	885	8,966	2,855	2,059	21.7	38.7	Wood	567	23,417	21,008	13,922	11.3	51.4
Montague	929	25,123	24,800	18,863	1.3	31.5	Yookum	879	662	25	4		
Montgomery	1,017	15,679	17,067	11,765	-8.1	45.1	Young	875	13,657	6,549	5,949	108.8	29.5
Moore	921	11,515	299	15	1,288	19.0	Zavala	1,348	1,889	792	1,097	138.5	-28.1
Morris	259	10,439	8,220	6,880	27.0	24.9							

1 For changes in boundaries, etc., of counties, see page 53.

## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.			PER CENT OF INCREASE.		POPULATION.		PER CENT OF INCREASE.				
COUNTY.	Land area in square miles 1910	1910	1900	1890	1900-1910	1890-1910	COUNTY.	Land area in square miles 1910	1910	1900	1890	1900-1910	1890-1910
<b>UTAH</b> .....	<b>82,184</b>	<b>373,351</b>	<b>276,749</b>	<b>210,779</b>	<b>34.9</b>	<b>31.3</b>	<b>VIRGINIA—Con.</b>						
Beaver.....	2,600	4,717	5,613	3,840	30.6	8.2	Danville city <sup>2</sup> .....	3	19,020	16,520	10,305	15.1	60.3
Bowdler.....	2,443	12,939	10,009	8,442	31.3	31.0	Decatur.....	325	31,747	5,149	18	15.3	81.8
CACHE.....	1,164	23,962	18,139	15,509	27.1	17.0	Dinwiddie.....	518	15,412	15,374	15,515	0.4	13.8
Carbon.....	1,487	8,624	5,004	4,261	72.3	93.1	Edinburg City.....	54	21,225	19,400	16,168	9.1	20.4
Davis.....	275	10,181	7,966	6,781	27.5	18.4	Essex.....	256	9,165	8,701	10,947	-6.1	-2.4
Emery.....	4,453	6,750	4,657	5,076	44.9	-8.3	Fairfax.....	417	20,536	18,380	16,655	18.5	11.6
Garfield.....	5,224	2,660	3,400	2,437	74.3	35.3	Fauquier.....	456	22,535	22,374	22,500	-0.3	3.5
Grand.....	3,692	1,965	1,149	541	38.8	112.4	Floyd.....	376	14,092	15,388	14,405	-8.4	6.8
Iron.....	3,256	3,923	3,546	2,683	10.9	32.2	Fluvanna.....	285	5,263	6,050	6,508	-8.0	-4.8
Juniper.....	3,410	10,702	10,093	6,892	61.1	80.6	Franklin.....	697	26,480	29,653	24,985	2.0	4.9
Kane.....	4,215	1,632	1,811	1,685	-8.5	7.5	Frederick.....	434	12,787	13,239	12,684	-3.4	4.4
Millard.....	6,694	6,118	5,678	4,083	7.7	40.8	Fredericksburg city.....	1	5,874	5,008	4,528	15.9	11.9
Morgan.....	626	2,467	2,045	1,780	23.6	14.9	Giles.....	369	11,623	10,719	9,960	7.7	18.7
Platte.....	763	1,734	1,954	2,342	-11.3	-11.2	Goochland.....	228	12,477	12,832	13,533	-2.8	10.1
Rich.....	1,027	1,883	1,946	1,327	-3.2	27.4	Groesbeek.....	287	9,627	9,588	9,958	-3.0	-4.4
Salt Lake.....	796	131,420	77,725	58,457	69.1	33.0	Grayson.....	425	19,855	16,833	14,394	17.8	17.1
San Juan.....	7,751	2,277	1,023	365	132.4	136.4	Greene.....	165	6,937	6,214	5,622	11.6	10.5
Sanpete.....	1,564	16,704	16,131	13,146	2.4	24.1	Greenville.....	307	11,850	9,758	8,230	21.8	18.6
Sevier.....	1,978	9,775	8,434	6,199	15.7	36.3	Halifax.....	314	43,044	37,197	34,424	3.7	18.1
Summit.....	1,862	8,200	9,439	7,733	-13.1	22.1	Hanover.....	512	17,200	17,618	17,402	-2.4	1.2
Tooele.....	6,849	12,924	7,261	6,709	7.6	98.9	Henrico.....	266	23,427	30,062	22,006	-22.0	36.6
Uinta.....	2,245	7,050	6,458	2,762	9.2	98.0	Henry.....	442	18,469	19,265	18,208	-4.2	5.8
Utah.....	2,034	37,942	32,456	23,768	16.9	36.6	Highland.....	422	5,317	5,647	5,332	-5.8	5.5
Wasatch.....	4,354	1,829	4,736	3,595	8.3	37.0	Jamez City.....	164	6,338	5,762	5,463	10.6	1.6
Washington.....	2,465	3,128	4,012	4,069	-1.1	15.0	King and Queen.....	220	9,676	9,265	9,669	3.4	-4.2
Wayne.....	2,474	1,907	1,899	1,343	-8.3	41.1	King George.....	180	6,378	6,918	6,441	-7.8	4.2
Weber.....	541	15,179	25,239	22,223	39.4	11.1	King William.....	293	8,547	8,380	9,035	2.0	-12.8
							Lancaster.....	190	9,232	10,049	10,133	-2.9	8.1
							Lee.....	446	23,840	19,856	18,216	20.1	9.0
<b>VERMONT</b> .....	<b>9,124</b>	<b>355,956</b>	<b>343,641</b>	<b>332,422</b>	<b>3.6</b>	<b>3.4</b>	Loudoun.....	519	21,167	21,948	23,274	-3.6	-2.7
Addison.....	756	20,010	21,912	22,277	-8.7	-1.6	Louisiana.....	516	16,578	16,517	16,997	6.4	-5.8
Bennington.....	661	21,378	21,705	20,448	-1.5	6.1	Lunenburg.....	430	12,750	11,706	11,372	9.2	9.2
Caledonia.....	618	26,631	24,381	23,436	6.8	4.0	Lyndonville city.....	12	5,839	5,798	5,798	0.0	0.0
Chittenden.....	447	42,447	39,490	43,389	-1.2	11.9	Malden.....	324	10,085	10,216	10,226	-1.6	-0.2
Essex.....	638	7,384	8,056	9,511	-8.3	-15.3	Mathews.....	94	8,622	8,239	7,584	8.3	8.6
Franklin.....	632	29,566	30,498	29,755	-1.1	1.5	Mecklenburg.....	669	28,956	26,551	25,359	7.1	4.7
Grand Isle.....	83	3,761	4,462	3,843	-1.5	16.1	Middlesex.....	146	8,852	8,220	7,458	7.7	2.2
Lamoille.....	436	8,289	8,280	7,242	4.2	13.2	Montgomery.....	282	17,268	18,822	17,742	8.9	-10.7
Orange.....	626	18,703	19,131	19,875	-3.2	-1.3	Northampton.....	423	26,886	23,078	19,692	16.5	17.2
Orleans.....	638	23,337	22,624	22,161	0.0	-0.3	Nelson.....	473	16,821	16,075	15,336	4.6	4.8
Rutland.....	911	48,139	44,209	45,397	8.9	-2.6	New Kent.....	191	4,682	4,865	5,511	-3.8	-11.7
Washington.....	719	41,702	36,697	29,696	13.9	23.6	Newport News city.....	1,023	29,335	19,635	17,508	2.9	6.8
Windham.....	735	29,502	26,600	26,547	1.0	0.4	Norfolk.....	404	52,744	50,780	28,899	3.9	75.7
Windsor.....	948	33,681	32,223	31,796	4.5	1.6	Norfolk city.....	7	67,482	46,624	34,871	44.7	33.7
							Northampton.....	290	16,672	13,770	10,313	21.1	33.5
							Northumberland.....	235	10,777	9,846	7,885	9.5	24.9
							Northampton.....	310	13,462	12,366	11,882	8.9	6.8
							Orange.....	329	14,446	12,571	12,814	7.3	1.9
							Page.....	352	13,187	13,794	13,092	2.6	-5.4
<b>VIRGINIA</b> .....	<b>40,262</b>	<b>2,061,612</b>	<b>1,854,184</b>	<b>1,655,880</b>	<b>11.2</b>	<b>12.0</b>	Patrick.....	485	17,125	15,403	14,147	11.6	8.9
Accomac.....	502	36,650	32,870	27,277	12.5	19.4	Petersburg city.....	3	23,137	21,810	22,680	10.6	-3.8
Albemarle.....	750	29,871	28,473	26,788	4.9	6.3	Pittsylvania.....	1,012	50,779	46,881	49,536	8.5	8.5
Alexandria.....	31	10,231	6,430	4,258	59.1	53.0	Portsmouth.....	273	6,099	6,824	6,791	-10.6	0.3
Alexandria city.....	29	13,429	14,528	14,339	1.3	0.3	Prince Edward.....	356	14,296	15,045	14,694	-5.2	2.4
Alleghany.....	457	14,173	16,330	9,283	-13.2	75.9	Prince George.....	294	7,848	7,732	7,872	1.2	-1.5
Amelia.....	371	8,720	9,037	9,663	-1.5	-0.3	Prince William.....	348	12,026	11,112	11,112	0.0	0.0
Amherst.....	470	18,932	17,864	17,531	6.0	0.8	Princess Anne.....	333	27,174	15,082	9,510	3.0	17.7
Appomattox.....	342	8,004	9,062	9,389	-7.8	7.8	Pulaski.....	333	17,246	14,699	12,790	18.1	14.2
Augusta.....	1,142	32,243	32,370	30,090	0.2	8.2	Radford city <sup>2</sup> .....	5	5,392	3,344	.....	25.7	.....
Bath.....	543	6,538	5,595	4,587	16.9	22.0	Rappahannock.....	274	8,494	8,843	8,678	-9.0	1.9
Bedford.....	791	29,549	30,356	31,213	-2.7	-2.7	Richmond.....	294	7,415	7,688	7,146	4.6	-0.8
Blind.....	360	5,154	5,497	5,129	-6.2	7.2	Richmond city.....	11	127,628	85,802	81,888	50.1	4.5
Botetourt.....	548	17,727	17,103	14,854	15.2	15.8	Rio Grande.....	300	19,027	18,837	14,942	23.9	13.6
Bristol city.....	2	6,257	4,579	2,962	30.4	57.8	Roanoke.....	5	34,874	21,495	16,159	62.2	33.0
Brunswick.....	507	19,244	18,217	17,245	5.0	5.6	Roanoke city.....	613	21,171	21,799	23,062	-2.9	-5.5
Buchanan.....	514	12,334	9,692	5,867	27.3	65.2	Rockingham.....	876	34,903	33,527	31,299	4.1	7.1
Buckingham.....	563	15,294	15,296	14,383	-0.4	6.1	Russell.....	496	22,174	15,051	12,126	20.2	11.8
Buena Vista city.....	496	3,245	2,388	1,577	2.9	1.8	Stafford.....	642	26,392	22,848	20,778	15.1	13.8
Campbell.....	582	23,043	22,256	21,778	-0.8	8.1	Smyth.....	414	9,635	7,997	7,362	-3.3	10.0
Caroline.....	529	16,596	16,709	16,681	-0.7	0.2	Southampton.....	614	26,392	22,848	20,778	15.1	13.8
Carroll.....	458	21,116	19,303	15,497	9.4	24.6	Spartanburg.....	492	11,526	11,192	10,822	4.1	4.5
Charles City.....	188	5,263	5,049	5,966	-4.2	-0.3	Spotsylvania.....	424	12,622	12,097	11,882	3.0	1.0
Charlotte.....	496	15,785	15,451	15,777	2.0	1.8	Stafford.....	642	26,392	22,848	20,778	15.1	13.8
Charlottesville city.....	1	6,755	6,499	5,991	4.9	15.3	Stafford.....	642	26,392	22,848	20,778	15.1	13.8
Chesterfield.....	471	21,299	18,894	16,965	13.3	10.8	Stafford.....	642	26,392	22,848	20,778	15.1	13.8
Clarke.....	171	7,468	7,927	8,071	-5.8	-1.8	Stafford.....	642	26,392	22,848	20,778	15.1	13.8
Clifton Forge city.....	1	5,748	5,499	5,966	-4.2	-0.3	Stafford.....	642	26,392	22,848	20,778	15.1	13.8
Craig.....	332	11,411	4,293	3,835	-6.7	11.9	Stafford.....	642	26,392	22,848	20,778	15.1	13.8
Culpeper.....	384	13,472	14,123	13,233	-4.6	6.7	Stafford.....	642	26,392	22,848			



## AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
			1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
<b>WISCONSIN—</b>														
<b>Con.</b>														
Monroe	937	28,881	28,103	33,211	2.8	21.1	Walworth	560	29,614	29,259	27,869	1.2	5.0	
Oconto	1,118	25,657	20,874	15,009	22.9	37.5	Washburn	835	8,196	5,551	2,926	48.5	88.7	
Omeida	904	11,437	8,875	5,070	28.8	77.3	Washington	431	23,784	22,589	22,754	0.8	2.7	
Ouzaux	646	49,102	46,247	38,690	4.2	16.9	Waushara	549	37,100	35,229	33,270	5.3	5.9	
Ozaukee	233	17,123	16,363	14,943	4.6	9.5	Waupaca	759	32,782	31,615	28,791	3.7	18.0	
							Waushara	646	18,886	15,972	13,507	18.2	18.2	
Pepin	236	7,577	7,905	6,922	-4.1	14.0	Winnebago	459	42,116	38,225	30,997	6.7	16.2	
Pierce	563	23,079	23,943	20,385	-7.8	17.5	Wood	809	30,583	28,865	18,127	18.2	42.7	
Polk	935	31,367	17,811	12,968	20.0	37.3	<b>WYOMING.</b>							
Portage	812	30,945	29,483	24,708	5.0	18.9	Albany	4,401	11,274	13,684	8,865	-11.5	47.6	
Price	1,279	13,795	9,106	5,288	51.5	73.2	Blethen	6,108	8,886	4,328	105.3	....		
							Carbon	11,282	8,029	6,589	6,837	17.7	29.8	
							Converse	6,740	6,294	3,357	2,738	88.6	21.9	
							Crook	5,441	6,492	3,137	2,338	106.9	34.2	
							Fremont	12,659	11,922	5,337	2,463	120.7	137.9	
							Johnson	4,175	3,453	2,361	2,357	46.3	0.2	
							Laramie	10,640	9,922	29,137	16,777	29.5	20.8	
							Natrona	5,333	4,766	1,785	1,094	167.0	63.2	
							Park	5,430	4,909	....	....	....	....	
							Sheridan	2,575	16,324	5,122	1,072	218.7	199.7	
							Sweetwater	10,540	11,575	8,453	4,941	28.9	71.1	
							Teton	11,044	16,982	12,223	7,414	38.9	64.9	
							Weston	4,593	4,960	3,203	2,422	54.9	32.2	
							Yellowstone Nat'l Park	2,994	319	309	407	60.7	-21.0	

1 See headline to table, page 32.

2 For changes in boundaries, etc., of counties, see page 53.

3 State total includes population (1,850) of Indian reservations specially enumerated in 1890, not distributed by counties.

4 Geographically located within the limits of Wyoming, Idaho, and Montana;

total population returned in Wyoming.

## AREA AND POPULATION OF SUBDIVISIONS OF ALASKA IN 1910, HAWAII IN 1910, 1900, AND 1890, AND PORTO RICO IN 1910 AND 1890.

[A minus sign (—) denotes decrease.]

Table 14	RECORDER'S DISTRICT.	1910	RECORDER'S DISTRICT.	1910	RECORDER'S DISTRICT.	1910
<b>ALASKA</b> <sup>1</sup> (area in sq. miles, 590,884)		<b>64,356</b>	<b>ALASKA—Continued.</b>		<b>ALASKA—Continued.</b>	
<b>FIRST JUDICIAL DISTRICT.</b>		15,216	<b>THIRD JUDICIAL DISTRICT.</b>		20,078	<b>FOURTH JUDICIAL DISTRICT.</b>
Juneau district.		5,854	Aleutian Islands district.		1,083	Chandler district.
Ketchikan district.		3,320	Bristol Bay district.		4,502	Circle district.
Sitka district.		2,210	Cook Inlet district.		677	Eagle district.
Skagway district.		1,959	Copper Center district.		553	Fairbanks district.
Wrangell district.		1,652	Corova district.		1,779	Fort Gibbon district.
<b>SECOND JUDICIAL DISTRICT.</b>		12,351	Iliamna district.		1,203	Fortymile district.
Cape Nome district.		3,924	Kenai district.		1,692	Hot Springs district.
Council City district.		686	Kodiak district.		2,448	Kantishna district.
Fairhaven district.		543	Kuskokwim district (part of)		19	Koyuk district.
Kongarak district.		368	[For total, see judicial district 2.]		103	Kuskokwim district (part of)
Kuskokwim district (part of)		2,201	Nabesna district.		210	Nulato district.
Total for Kuskokwim district in judicial districts 2, 5, and 6.		2,711	Prince William Sound district.		1,803	Ophir district.
Noslak-Kobuk district.		2,262	Unga Peninsula district.		1,435	Other district.
Port Clarence district.		1,007	Valdez district.		1,308	Rampart district.
St. Lawrence Island district.		283				St. Michael district (part of)
St. Michael district (part of)		1,127				Tanana district.
Total for St. Michael district in judicial districts 2 and 6.		2,655				

1 The population of Alaska in 1900 was 63,592 and in 1890, 32,652; from 1900 to 1910 the increase was 764, or 1.2 per cent; from 1890 to 1900 it was 31,540, or 98.4 per cent.

Table 11—Continued.

COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900
<b>HAWAII</b>						
	6,449	191,909	154,001	189,990	24.0	71.1
Hawaii	4,015	55,382	46,843	26,754	18.2	75.1
Honolulu	600	82,028	58,504	31,194	40.2	87.5
Kauiawa	11	785	1,177	....	-33.3	....
Kauai	611	23,932	28,754	11,839	18.5	74.8
Mauli	1,182	29,762	26,743	129,183	11.3	32.5

1 County organization went into effect in 1905; comparison for 1890 made from population of island groups.

2 Figures derived from the census taken as of Dec. 28, 1890, under the direction of the Hawaiian Government.

3 Includes population, not returned separately, of territory taken over from Kauiawa County in 1895.

POPULATION OF COUNTIES.

AREA AND POPULATION OF SUBDIVISIONS OF ALASKA IN 1910, HAWAII IN 1910, 1900, AND 1890, AND PORTO RICO IN 1910 AND 1899—Continued.

[A minus sign (-) denotes decrease.]

MUNICIPAL DISTRICT.	POPULATION.		Percent of increase: 1890-1910	MUNICIPAL DISTRICT.	POPULATION.		Percent of increase: 1890-1910	MUNICIPAL DISTRICT.	POPULATION.		Percent of increase: 1890-1910
	1910	1899			1910	1899			1910	1899	
<b>PORTO RICO</b> (area, sq. miles, 3,435) . . . . .	1,116,612	953,543	17.3	<b>PORTO RICO—</b>				<b>PORTO RICO—</b>			
Adjuntas . . . . .	16,954	10,454	-13.0	Culebra . . . . .	1,315	704	86.8	Pattitas . . . . .	14,448	11,163	29.4
Aguada . . . . .	11,577	10,581	9.5	Dorado . . . . .	4,885	3,904	25.4	Penuelas . . . . .	11,991	12,129	-1.1
Aguadilla . . . . .	21,419	17,839	20.1	Fajardo . . . . .	21,135	16,752	26.2	Rio Piedras . . . . .	1,263	2,477	14.4
Agua Buenas . . . . .	8,292	7,977	3.9	Guayama . . . . .	17,379	12,749	36.3	Quebradillas . . . . .	8,152	7,352	9.7
Aibonito . . . . .	10,415	8,596	25.8	Guayama . . . . .	10,354	9,540	8.5	Rio Grande . . . . .	7,775	6,641	9.5
Amso . . . . .	14,637	13,311	8.2	Gurabo . . . . .	11,139	8,700	28.0	Rio Piedras . . . . .	13,948	12,965	12.8
Arcebo . . . . .	42,429	36,910	15.0	Hatillo . . . . .	10,630	10,449	1.7	Rio Piedras . . . . .	18,880	13,760	37.2
Arroyo . . . . .	6,949	4,897	42.6	Hirvan . . . . .	25,678	25,913	16.4	San Juan Grande . . . . .	11,563	10,850	9.1
Barceloneta . . . . .	11,644	9,327	24.4	Isabela . . . . .	16,852	14,888	13.2	Salinas . . . . .	11,403	5,731	99.0
Barraquitas . . . . .	10,563	8,108	28.6	Juana Diaz . . . . .	29,137	27,986	4.5	San German . . . . .	22,143	20,246	9.4
Barros . . . . .	15,028	14,845	1.2	Juncos . . . . .	11,692	8,789	38.7	San Juan . . . . .	45,716	32,048	32.0
Bayamón . . . . .	29,186	19,949	34.4	Leones . . . . .	11,071	8,429	30.0	San Lorenzo . . . . .	14,378	15,453	-6.3
Cabo Rojo . . . . .	19,562	16,154	21.1	Loiza . . . . .	10,046	11,279	-10.9	San Sebastian . . . . .	18,494	16,112	13.2
Caguas . . . . .	27,160	19,857	36.8	Loiza . . . . .	13,317	12,522	6.3	San Sebastian . . . . .	9,959	4,538	43.2
Camuy . . . . .	11,342	10,887	4.2	Manati . . . . .	17,240	13,989	23.2	Tos Alta . . . . .	6,127	7,908	15.4
Carolina . . . . .	15,327	11,965	28.1	Maricao . . . . .	7,158	8,312	-13.2	Tos Alta . . . . .	6,345	4,600	53.2
Cayey . . . . .	11,711	7,412	37.6	Morovis . . . . .	7,116	8,312	-13.2	Trujillo Alto . . . . .	6,248	5,983	11.6
Ciales . . . . .	18,398	18,115	1.6	Morovis . . . . .	42,429	38,915	9.0	Turkey Point . . . . .	14,847	14,167	4.8
Cidra . . . . .	10,593	7,552	40.3	Morovis . . . . .	13,640	12,450	9.0	Vega Alta . . . . .	8,134	6,107	33.2
Coamo . . . . .	17,129	15,144	13.1	Morovis . . . . .	12,446	11,309	10.1	Vega Baja . . . . .	12,311	10,305	24.5
Comerio . . . . .	11,170	8,249	35.4	Narajona . . . . .	14,353	10,873	32.2	Vieques . . . . .	10,425	5,938	75.0
Corozal . . . . .	12,978	11,508	12.8	Narajona . . . . .	14,353	8,108	9.6	Yabucoa . . . . .	17,338	13,935	24.7

<sup>1</sup> For changes in boundaries, etc., of municipalities, see note below. <sup>2</sup> Excludes population 7764 of the island of Culebra, organized as Municipality of Culebra since 1890.

NOTES REGARDING CHANGES IN COUNTY BOUNDARIES.

ALABAMA—1890-1910: Organized, Houston; gain in area, Cullman; loss in area, Beavert; Dale, Geneva, Henry; loss in area, Calhoun, Cleburne; 1890-1900: Gain in area, Clay, Franklin, Walker; loss in area, Jefferson, Lawrence, Talladega; both gain and loss, Colbert.

ARIZONA—1890-1900: Organized, Coconino, Navajo, Santa Cruz; loss in area, Arizona; Pima, Yavapai.

ARKANSAS—1900-1910: Gain in area, Lafayette, Logan, Mississippi, Sebastian; loss in area, Columbia, Scott. 1890-1900: Gain in area, Clay, Crawford, Sevier; loss in area, Franklin, Greene, Howard.

CALIFORNIA—1890-1910: Organized, Imperial; gain in area, Kings; loss in area, Fresno, San Diego. 1890-1900: Organized, Glenn, Kings, Madera, Riverside; loss in area, Colusa, Fresno, San Bernardino, San Diego, Tulare.

COLORADO—1890-1910: Organized, Adams, Beaver, Jackson; loss in area, Park, Washington, Yuma; loss in area, Arapahoe, Denver, Jefferson, Larimer; both gain and loss, Adams. 1890-1900: Organized, Mineral, Teller; loss in area, Chaffee, El Paso, Huerfano, Rio Grande, Saguache; both gain and loss, Fremont.

FLORIDA—1890-1910: Organized, Palm Beach, St. Louis; loss in area, Brevard, Dale. 1890-1900: Gain in area, Polk; loss in area, Pasco.

GEORGIA—1890-1910: Organized, Ben Hill, Crisp, Grady, Jeff Davis, Jenkins, Stephens, Tift, Toombs, Turner; gain in area, Clarke, Fulton; loss in area, Appling, Berrien, Bulloch, Burke, Clayton, Coffee, Decatur, Early, Emanuel, Franklin, Gresham, Irwin, Montgomery, Oglethorpe, Screven, Tattnall, Thomas, Wilcox, Worth.

IDAHO—1890-1910: Organized, Bonner, Twin Falls; gain in area, Fremont, Nez Perce; loss in area, Bingham, Cassia, Kootenai, Sheehone. 1890-1900: Organized, Hancock, Blaine, Canyon, Fremont, Lincoln; loss in area, Ada, Bingham, Lemhi.

KANSAS—1890-1900: Gain in area, Finney.

KENTUCKY—1890-1900: Gain in area, Powell; loss in area, Estill.

LOUISIANA—1890-1910: Organized, La Salle; loss in area, Catahoula.

MASSACHUSETTS—1890-1910: Gain in area, Hampden, Norfolk; loss in area, Hampshire; both gain and loss, Middlesex, Suffolk.

MICHIGAN—1890-1900: Organized, Dickinson; gain in area, Emmet, Keweenaw, Leelanau; loss in area, Marquette, Menominee; both gain and loss, Charlevoix, Iron.

MINNESOTA—1890-1910: Organized, Clearwater, Koocingchen, Mahanomen, Pennington; loss in area, Beltrami, Itasca, Norman, Red Lake. 1890-1900: Organized, Red Lake, Roseau; gain in area, Crow Wing, Hubbard; loss in area, Cass, Kittson, Polk.

MISSISSIPPI—1890-1910: Organized, Forrest, George, Jefferson Davis, Lamar; loss in area, Covington, Greene, Hancock, Jackson, Lawrence, Marion, Perry; both gain and loss, Pearl River. 1890-1900: Organized, Pearl River; loss in area, Hancock, Marion.

MONTANA—1890-1910: Organized, Lincoln, Powell, Rosebud, Sanders; loss in area, Custer, Flathead, Missoula, Silver Bow; both gain and loss, Deer Lodge. 1890-1900: Organized, Broadwater, Carbon, Flathead, Granite, Ravalli, Sweet Grass, Teton, Valley; gain in area, Cascade, Flathead, Lewis and Clark; loss in area, Chouteau, Dawson, Deer Lodge, Jefferson, Meagher, Missoula, Park, Yellowstone.

NEBRASKA—1890-1910: Organized, Garden, Morrill; gain in area, Dakota; loss in area, Cheyenne, Deuel. 1890-1900: Organized, Boyd; gain in area, McPherson.

NEVADA—1890-1910: Organized, Clark; loss in area, Lincoln.

NEW JERSEY—1890-1900: Gain in area, Ocean; loss in area, Burlington.

NEW MEXICO—1890-1910: Organized, Curry, Gadsden, Luna, McKinley, Quay, Reilly, Sandoval, Pecos; loss in area, Mora, Santa Fe, Dona Ana, Grant, Guadalupe (old), Lincoln, Quay, Roosevelt, San Juan, San Miguel, Santa Fe, Socorro, Union, Valencia; both gain and loss, Rio Arriba. 1890-1900: Organized, Chaves (old), Guadalupe (old), Otero; gain in area, Bernalillo; loss in area, Colfax, Dona Ana, Lincoln, Mora, San Miguel, Santa Fe, Socorro.

NEW YORK—1890-1900: Organized, Nassau; gain in area, New York; loss in area, Queens, Westchester.

NORTH CAROLINA—1890-1910: Organized, Lee, Scotland; loss in area, Chatham, Moore, Richmond.

NORTH DAKOTA—1900-1910: Organized, Adams, Bowman, Burke, Divide, Dunn, Hettinger, McKenzie, Mountrail, Renville, Sheridan; loss in area, Billings, McLean, Mercer, Stark, Ward, Williams. 1890-1900: Organized, Williams; gain in area, Billings, Bottineau, McLean, McLean, Mercer, Mercer, Stark, Ward; loss in area, Dunn, Hettinger, Renville, Sheridan, Williams.

OKLAHOMA—Most of the counties were organized in 1907. Among the few existing in 1890 there was no change till after 1900. There has been no later change in Cleveland, Kingfisher, Nowata and Oklahoma, but since 1890 Canadian has gained in area, Beaver and Payne have lost, while Greer has had both gains and losses. The counties organized between 1890 and 1900 were formed from Indian reservations. Of these counties the following remain unchanged: Dewey, Garfield, Grant, Lincoln, and Pottawatomie; there has been a gain in area in Blaine, Carter, Kay, Noble, Pawnee, and Washita, and both gain and losses in Roger Mills, Woods, and Woodward. For a collection of the special enumerations of 1897 with that of 1910 it may be noted that Harmon was organized in 1895; there was a loss of area in Beckham and both gain and loss in Greer.

OREGON—1890-1910: Organized, Hood River; gain in area, Baker; loss in area, Union, Wasco. 1890-1900: Organized, Lincoln, Wheeler; gain in area, Sherman, Wallowa; loss in area, Benton, Crook, Gilliam, Grant, Tillamook, Union, Wasco.

SOUTH CAROLINA—1890-1910: Organized, Calhoun, Dillon, Lee; gain in area, Florence, Newberry; loss in area, Berkeley, Darlington, Kershaw, Lexington, Marion, Sumter, Williamsburg; both gain and loss, Orangeburg. 1890-1900: Organized, Bamberg, Cherokee, Dorchester, Greenwood, Saluda; gain in area, Charleston, Florence; loss in area, Abbeville, Barnwell, Berkeley, Colleton, Darlington, Edgefield, Georgetown, Union, York.

SOUTH DAKOTA—1890-1910: Organized, Cotton, Harding, Perkins, Tripp; loss in area, Butte, Union; formed, Bennett, Mellette, Todd. 1890-1900: Gain in area, Butte, Gregory, Iota, Meade, Pennington, Stanley.

TENNESSEE—1890-1910: Gain in area, Perry; loss in area, Lauderdale, Wayne. 1890-1900: Gain in area, Lewis; loss in area, Hickman, Wayne.

TEXAS—1890-1910: Organized, Andrews, Dawson, Gaines, Garza, Gray, Hutchinson, Lamb, Lipscomb, Parker, Tarrant, Tarrant, Terrell, Terry, Upton, Wheeler, Yoakum; loss in area, Pecos, Tom Green. 1890-1900: Organized, Ford, Sterling; gain in area, Brewster, Webb; loss in area, Hardeman, Knox, Tom Green.

UTAH—1900-1910: Gain in area, Sevier; loss in area, Piute. 1890-1900: Organized, Carbon, Grand, Wayne; gain in area, Garfield, Utah; loss in area, Emery, Kane, Piute, Sanpete.

VERMONT—1890-1900: Gain in area, Caledonia; loss in area, Washington.

VIRGINIA—1890-1910: Organized and made independent of county, Clifton Forge city; gain in area, Danville city, Lynchburg city, Norfolk city, Portsmouth city, Richmond city, Staunton city; loss in area, Alleghany, Augusta, Campbell, Henrico, Manchester city, Norfolk, Elizabeth City. 1890-1900: Organized and made independent of county, Buena Vista city, Newport News city, Radford city; gain in area, Danville city, Portsmouth city, Roanoke city; loss in area, Montgomery, Norfolk, Skyline, Roanoke, Rockbridge, Warwick.

WASHINGTON—1890-1910: Organized, Benton, Grant; loss in area, Douglas, Klaskan, Yakima. 1890-1900: Organized, Chelan, Ferry; loss in area, Kittitas, Okanogan, Stevens.

WEST VIRGINIA—1890-1900: Organized, Mingo; loss in area, Logan.

WISCONSIN—1890-1910: Organized, Rusk; gain in area, Oneida; loss in area, Chippewa, Forest; both gain and loss, Vilas. 1890-1900: Organized, Iron, Vilas; loss in area, Ashland, Forest; both gain and loss, Oneida.

WYOMING—1890-1910: Organized, Park, Teton; gain in area, Big Horn. 1890-1900: Organized, Big Horn, Natrona, Weston; loss in area, Carbon, Crook, Fremont, Johnson.

PORTO RICO—1890-1910: Municipality organized, Culebra; gain in area, Humacao, Mayaguez; loss in area, Vieques.

## URBAN AND RURAL POPULATION.

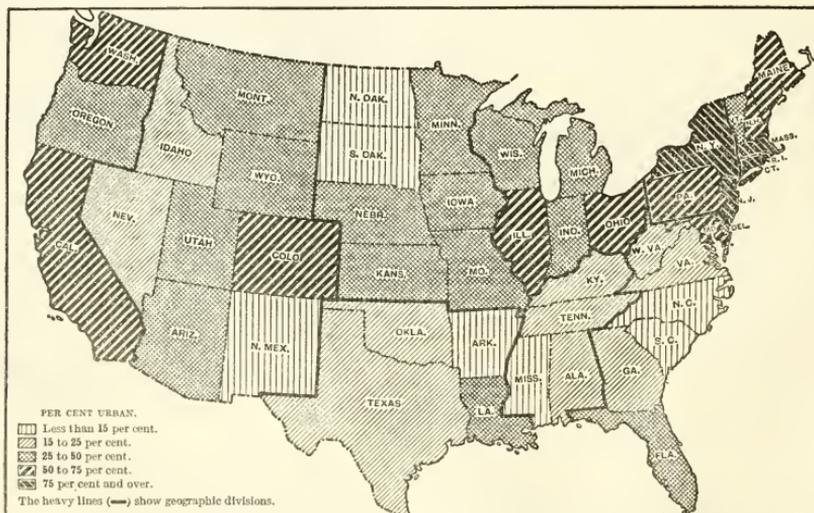
The Census Bureau classifies as urban population that residing in cities and other incorporated places of 2,500 inhabitants or more, including New England towns of that population. In most sections of the country all or practically all densely populated areas of this size are set off from rural territory and incorporated as municipalities (variously known as cities, towns, villages, boroughs, etc.). In New England, however, this is often not the case. Many of the towns consist in part of distinctly rural territory and in part of densely populated areas which are not incorporated separately and for which it is impossible to make separate population returns. For this reason it has been necessary in the New England states to include with the urban population residing in incorporated cities the population also of all towns having 2,500 inhabitants or more. The urban areas in New England, as classified by the census, therefore, include some population which, in other sections of the United States, would be segregated as rural.

Urban population being thus defined, the remainder of the country is classed as rural, consisting

(except in New England) of all unincorporated territory and of incorporated places of less than 2,500 inhabitants.

The comparisons of the urban and rural population in 1910 with that at earlier enumerations may be made either with respect to the varying proportions of the two classes at successive enumerations or with respect to the increase between enumerations. In order to contrast the *proportion* of the total population living in urban or rural territory at the census of 1910 with the proportion urban or rural at the preceding census, it is necessary to classify the territory according to the conditions *as they existed* at each census. In this comparison a place having less than 2,500 inhabitants in 1900 and over 2,500 in 1910 is classed with the rural territory for 1900 and with the urban for 1910. On the other hand, in order to present fairly the contrast between urban and rural communities, as regards their *rate of growth*, it is necessary to consider the changes in population which have occurred from one decennial census to another in exactly the *same* territory.

PER CENT URBAN IN TOTAL POPULATION, BY STATES: 1910.



**Proportion urban and rural.**—The proportion of the total population living in urban and in rural territory at the censuses of 1910, 1900, 1890, and 1880, respectively, for the United States as a whole, is shown in Table 15, on the opposite page.

This table shows a steady and rapid increase in the proportion of urban population. While the increase in the percentage of urban population from 1900 to 1910 was appreciably greater than from 1890 to 1900, it was not so great as from 1880 to 1890.

	POPULATION OF THE UNITED STATES.			
	1910	1900	1890	1880
Total, number .....	91,972,266	75,994,575	62,947,714	50,155,783
Urban .....	42,623,383	30,797,185	22,720,223	14,772,438
Rural .....	49,348,883	45,197,390	40,227,491	35,383,345
Total, per cent. ....	100.0	100.0	100.0	100.0
Urban .....	46.3	40.5	36.1	29.5
Rural .....	53.7	59.5	63.9	70.5

The map on page 54 shows the percentage of urban population in 1910 for each of the states.

Table 18 (p. 56) shows, by divisions and states, urban and rural population, and the per cent urban and rural, at the censuses of 1910, 1900, and 1890, respectively. As shown by this table, the proportions of the total population living in urban and rural territory vary greatly in different sections of the country.

In the New England division more than four-fifths of the population in 1910 lived in urban territory, as defined by the Census Bureau. Were it possible to determine the urban population in this division on the same basis as for the rest of the country, the proportion would probably be somewhat less than three-fourths. Urban population constituted more than seven-tenths of the total in the Middle Atlantic division and more than one-half in the East North Central and Pacific divisions. The lowest proportion of urban population is found in the South—25.4 per cent in the South Atlantic division, 18.7 in the East South Central, and 22.3 in the West South Central.

In the North (comprising the first four geographic divisions) the urban population numbered 32,669,705, and the rural 23,087,410, the per cent urban being 58.6. In the South (comprising the next three divisions) the urban population was 6,623,838, and the rural 22,765,492, the proportion urban being 22.5 per cent. In the West (comprising the last two divisions), with 3,229,840 urban and 3,495,981 rural, the percentage urban was 48.8.

In each of the nine geographic divisions the proportion of the population living in urban communities was larger in 1910 than in 1900, and larger in 1900 than in 1890. The proportion increased with exceptional rapidity from 1900 to 1910 in the Pacific division, where cities have shown a remarkable growth.

The per cent distribution of the total, urban, and rural population, respectively, of the United States in 1910 among the geographic divisions is as follows:

DIVISION.	PER CENT OF TOTAL.		
	Total.	Urban.	Rural.
United States .....	100.0	100.0	100.0
New England .....	7.1	12.8	2.2
Middle Atlantic .....	21.0	32.2	11.3
East North Central .....	18.8	22.6	17.5
West North Central .....	12.7	9.1	15.7
South Atlantic .....	13.3	7.3	18.4
East South Central .....	9.1	3.7	13.9
West South Central .....	9.6	4.6	13.3
Mountain .....	2.9	2.2	3.4
Pacific .....	4.6	5.6	3.7

**Increase in urban and rural population.**—In order to compare the *rate of growth* in urban and rural communities, it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the *same* territory from one decennial census to another. For this purpose communities are classed as urban or rural according to their population in 1910, and the population of the places as thus classified is then determined for 1900 for purposes of comparison.

The increase from 1900 to 1910 in urban and rural population on this basis is shown, for the United States, in the following table:

CLASS.	POPULATION IN		INCREASE: 1900-1910	
	1910	1900	Number.	Per cent.
Total population .....	91,972,266	75,994,575	15,977,691	21.0
Urban territory in 1910 .....	42,623,383	31,609,645	11,013,738	24.8
Rural territory in 1910 .....	49,348,883	44,384,930	4,963,953	11.2

The rate of increase for the population of urban areas was over three times that for the population living in rural territory.

Of the total increase in the population of the United States during the past decade (15,977,691), seven-tenths was in urban territory and only three-tenths in rural territory.

Table 19 (p. 57) shows, by divisions and states, the aggregate population in 1910 and 1900 of the territory which is classed as urban and rural in 1910, and the increase or decrease during the decade. (See also maps on page 58.)

The largest percentages of increase in urban population between 1900 and 1910 were reported for the Pacific, West South Central, and Mountain divisions, in the order named, these percentages being 101.8, 68.5, and 64.7, respectively. These same divisions also showed higher rates of increase in rural population than any of the others, though the increase in rural population was much less rapid than that in urban population, being for these divisions 46.4, 27.1, and 53.4 per cent, respectively. The New England division, on the other hand, showed the smallest percentage of increase in urban population, namely, 21.5 per cent. For this division there was a slight decrease in rural population during the last decade.

The five other geographic divisions differed little from one another in the percentages of increase in urban population, the rates ranging from 28.2 per cent for the West North Central division to 33.1 per cent for the Middle Atlantic division. They showed greater contrasts in the growth of rural population. In the South Atlantic division the increase in rural population was 12.3 per cent; in the Middle Atlantic, West North Central, and East South Central divisions it was between 5 and 10 per cent, and in the East North Central division there was a slight decrease in rural population.

## URBAN AND RURAL POPULATION, BY DIVISIONS AND STATES: 1910, 1900, AND 1890.

Table 18 DIVISION AND STATE.	1910		1900		1890		1910		1900		1890	
	Urban population.	Rural population.	Urban population.	Rural population.	Urban population.	Rural population.	Per cent. urban.	Per cent. rural.	Per cent. urban.	Per cent. rural.	Per cent. urban.	Per cent. rural.
<b>United States</b> .....	42,623,383	48,348,883	30,787,185	45,197,390	22,720,223	40,227,491	46.3	53.7	40.5	59.5	36.1	63.9
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	5,455,345	1,097,336	4,470,179	1,121,838	3,561,763	1,138,966	83.3	16.7	79.9	20.1	75.8	24.2
New England.....	13,723,473	5,992,619	10,675,883	5,378,795	7,333,772	5,372,448	71.0	29.0	65.2	34.8	57.7	42.3
Middle Atlantic.....	9,617,271	8,633,530	7,219,975	8,705,606	5,097,181	8,391,124	52.7	47.3	45.2	54.8	37.8	62.2
East North Central.....	3,873,716	7,764,205	2,946,544	7,490,879	2,308,819	6,623,293	33.3	66.7	28.5	71.5	25.8	74.2
South Atlantic.....	3,092,153	9,102,742	2,232,652	8,240,848	1,728,019	7,129,963	25.4	74.6	21.4	78.6	19.5	80.5
East South Central.....	1,574,229	6,838,672	1,131,056	6,416,701	817,308	5,611,846	18.7	81.3	15.0	85.0	12.7	87.3
West South Central.....	1,937,456	6,827,078	1,057,197	5,475,093	715,999	4,024,964	22.3	77.7	16.2	83.8	15.1	84.9
Mountain.....	947,511	1,686,006	541,363	1,133,294	355,627	858,308	30.6	69.4	32.3	67.7	29.3	70.7
Pacific.....	2,382,329	1,809,975	1,122,356	1,294,336	801,735	1,086,599	56.8	43.2	46.4	53.6	42.5	57.5
<b>NEW ENGLAND:</b>												
Maine.....	381,443	360,928	337,390	337,076	298,604	362,482	51.4	48.6	48.6	51.4	45.2	54.8
New Hampshire.....	255,099	115,473	228,269	185,319	192,479	184,051	59.2	40.8	55.0	45.0	51.1	48.9
Vermont.....	168,943	187,013	139,180	204,461	117,093	215,359	47.5	52.5	40.5	59.5	35.2	64.8
Massachusetts.....	3,125,367	241,049	2,507,098	238,248	2,003,854	233,093	92.8	7.2	91.5	8.5	89.5	10.5
Rhode Island.....	524,654	17,956	407,647	20,909	326,602	18,904	96.7	3.3	95.1	4.9	94.5	5.5
Connecticut.....	999,839	114,917	792,495	115,825	623,161	122,097	83.7	16.3	87.2	12.8	83.5	16.5
<b>MIDDLE ATLANTIC:</b>												
New York.....	7,185,494	1,928,120	5,298,111	1,970,783	3,899,737	2,103,437	78.8	21.2	72.9	27.1	65.0	35.0
New Jersey.....	1,907,210	629,957	1,329,102	554,507	867,638	568,295	73.2	26.8	70.6	29.4	60.7	39.3
Pennsylvania.....	4,030,669	3,404,412	3,468,610	2,833,505	2,557,307	2,700,716	60.4	39.6	54.7	45.3	48.6	51.4
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	2,665,143	2,101,978	1,998,382	2,169,163	1,504,390	2,167,939	55.9	44.1	48.1	51.9	41.0	59.0
Indiana.....	1,148,835	1,567,041	862,689	1,633,773	590,639	1,602,365	42.4	57.6	34.3	65.7	26.9	73.1
Illinois.....	2,616,929	2,161,662	2,160,368	2,205,182	1,710,172	2,116,180	61.7	38.3	54.3	45.7	44.7	55.3
Michigan.....	1,327,044	1,483,129	932,263	1,468,659	730,294	1,363,996	47.2	52.8	39.3	60.7	34.9	65.1
Wisconsin.....	1,004,320	1,329,540	790,213	1,278,829	502,286	1,131,044	43.0	57.0	38.2	61.8	33.2	66.8
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	850,294	1,225,414	598,100	1,133,294	443,049	867,234	41.0	59.0	34.1	65.9	33.8	66.2
Iowa.....	680,654	1,544,717	572,386	1,659,467	405,764	1,506,533	30.6	69.4	25.6	74.4	21.2	78.8
Missouri.....	1,398,817	1,894,518	1,128,104	1,978,561	856,966	1,822,219	42.5	57.5	36.3	63.7	32.0	68.0
North Dakota.....	63,236	513,820	23,413	295,733	10,643	180,340	11.0	89.0	7.3	92.7	5.6	94.4
South Dakota.....	76,473	507,215	49,936	360,634	28,555	320,045	13.1	86.9	10.2	89.8	8.2	91.8
Nebraska.....	310,852	881,362	252,702	813,598	294,641	771,015	26.1	73.9	23.7	76.3	27.4	72.6
Kansas.....	493,790	1,197,159	330,903	1,139,592	272,201	1,155,907	29.2	70.8	25.5	74.5	19.1	80.9
<b>SOUTH ATLANTIC:</b>												
Delaware.....	97,085	105,237	85,717	99,018	71,067	97,426	48.0	52.0	46.4	53.6	42.2	57.8
Maryland.....	658,192	637,154	591,206	596,838	495,702	546,688	50.8	49.2	49.8	50.2	47.6	52.4
District of Columbia.....	331,069	278,718	278,718	230,392	230,392	230,392	100.0	0.0	100.0	0.0	100.0	0.0
Virginia.....	476,529	1,585,083	304,067	1,514,117	282,721	1,378,259	23.1	76.9	18.3	81.7	17.1	82.9
West Virginia.....	228,242	992,877	125,465	833,335	81,365	681,429	18.7	81.3	13.1	86.9	10.7	89.3
North Carolina.....	318,474	1,887,813	186,790	1,707,029	116,759	1,502,190	14.4	85.6	9.9	90.1	7.2	92.8
South Carolina.....	224,832	1,290,568	171,256	1,169,060	116,183	1,064,966	14.8	85.2	12.8	87.2	10.1	89.9
Georgia.....	588,630	2,070,471	346,382	1,869,949	257,472	1,579,881	20.6	79.4	15.6	84.4	14.0	86.0
Florida.....	219,060	533,539	167,631	421,511	77,338	314,064	29.1	70.9	20.3	79.7	19.8	80.2
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	555,442	1,734,463	467,668	1,679,506	356,713	1,361,922	24.3	75.7	21.8	78.2	19.2	80.8
Tennessee.....	441,945	1,745,744	326,639	1,693,977	238,394	1,329,124	20.2	79.8	16.2	83.8	13.5	86.5
Alabama.....	370,431	1,767,662	216,714	1,611,983	152,235	1,361,166	17.3	82.7	11.9	88.1	10.1	89.9
Mississippi.....	207,311	1,589,803	120,635	1,431,235	69,966	1,219,631	11.5	88.5	7.7	92.3	5.4	94.6
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	262,681	1,371,768	111,753	1,199,831	73,119	1,055,652	12.9	87.1	8.5	91.5	6.5	93.5
Louisiana.....	436,514	1,139,872	366,288	1,015,337	283,845	854,743	30.0	70.0	26.5	73.5	25.4	74.6
Oklahoma.....	320,155	1,337,000	58,417	1,371,974	9,484	249,173	19.3	80.7	7.4	92.6	3.7	96.3
Texas.....	998,104	2,938,438	520,759	2,627,951	349,511	1,886,016	24.1	75.9	17.1	82.9	15.6	84.4
<b>MOUNTAIN:</b>												
Montana.....	133,420	242,633	84,554	158,775	38,787	104,137	35.5	64.5	34.7	65.3	27.1	72.9
Idaho.....	69,898	255,694	10,003	151,769	.....	88,548	21.5	78.5	6.2	93.8	.....	100.0
Wyoming.....	43,221	102,744	26,657	65,874	21,484	41,071	29.6	70.4	28.8	71.2	34.3	65.7
Colorado.....	404,840	394,184	260,651	279,049	185,905	227,344	50.7	49.3	48.3	51.7	45.0	55.0
New Mexico.....	46,571	280,730	27,381	167,929	9,970	150,312	14.2	85.8	14.0	86.0	6.2	93.8
Arizona.....	63,260	141,094	19,495	105,436	8,302	79,941	31.0	69.0	15.9	84.1	9.4	90.6
Utah.....	172,934	200,417	105,427	171,322	75,155	135,624	46.3	53.7	38.1	61.9	35.7	64.3
Nevada.....	13,367	68,508	7,195	35,140	16,024	31,331	16.3	83.7	17.0	83.0	33.8	66.2
<b>PACIFIC:</b>												
Washington.....	605,530	536,460	211,477	398,626	127,178	290,054	53.0	47.0	40.8	59.2	35.6	64.4
Oregon.....	307,060	365,705	133,180	280,356	85,093	232,611	45.6	54.4	32.2	67.8	26.8	73.2
California.....	1,469,730	907,810	717,609	707,354	589,664	623,934	61.8	38.2	62.4	37.6	48.6	51.4

\* Includes population of Indian Territory for 1890 and 1900.

URBAN AND RURAL POPULATION.

INCREASE IN POPULATION OF URBAN AND RURAL TERRITORY, BY DIVISIONS AND STATES: 1900-1910.

Table 19

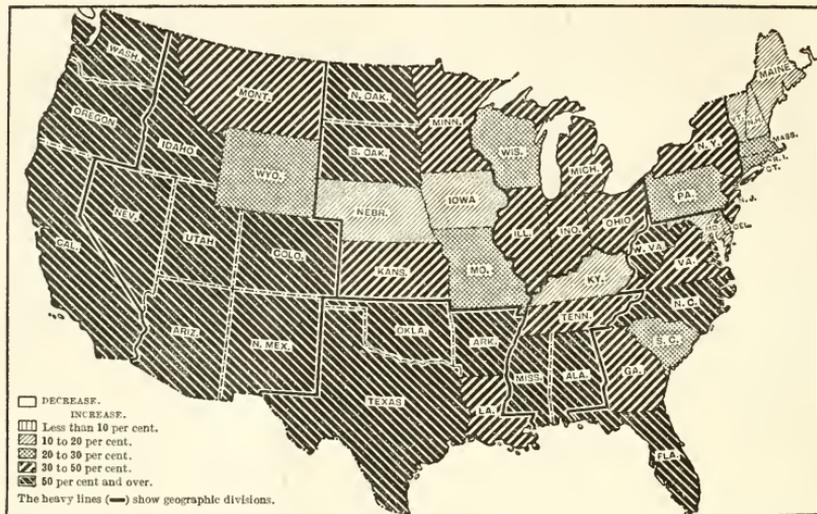
DIVISION AND STATE.	TERRITORY URBAN IN 1910.				TERRITORY RURAL IN 1910.			
	Population in—		Increase: 1900-1910		Population in—		Increase: 1900-1910	
	1910	1900	Number.	Per cent.	1910	1900	Number.	Per cent.
<b>United States</b> .....	<b>49,623,353</b>	<b>31,809,645</b>	<b>11,013,728</b>	<b>34.8</b>	<b>49,248,833</b>	<b>44,384,920</b>	<b>4,963,913</b>	<b>11.2</b>
<b>GEOGRAPHIC DIVISIONS:</b>								
New England.....	5,455,345	4,489,531	965,814	21.5	1,097,530	1,102,466	-5,100	-0.5
Middle Atlantic.....	13,723,373	10,307,717	3,415,656	33.1	5,592,519	5,146,961	445,558	8.7
East North Central.....	9,617,271	7,348,011	2,269,260	30.9	6,632,350	6,676,379	-43,929	(c)
West North Central.....	8,627,716	3,022,664	5,605,052	64.8	7,764,265	7,574,759	189,506	6.0
South Atlantic.....	3,092,153	2,237,717	754,436	32.3	9,102,742	8,105,763	996,979	12.3
East South Central.....	1,574,229	1,186,290	387,939	32.7	6,835,672	6,361,252	474,420	7.3
West South Central.....	1,957,456	1,161,738	795,720	68.5	6,827,075	5,370,660	1,456,409	27.1
Mountain.....	947,511	575,332	372,179	64.7	1,698,006	1,099,325	598,681	53.4
Pacific.....	2,382,329	1,180,647	1,201,682	101.8	1,809,975	1,236,045	573,930	46.4
<b>NEW ENGLAND:</b>								
Maine.....	381,443	339,564	41,879	12.3	360,928	354,902	6,026	1.7
New Hampshire.....	255,099	226,007	29,092	12.9	175,473	185,181	-10,108	-5.4
Vermont.....	108,943	148,406	20,337	13.8	187,013	198,235	-8,222	-4.2
Massachusetts.....	3,125,367	2,569,494	555,873	21.6	241,049	233,832	7,217	2.2
Rhode Island.....	524,654	411,679	112,975	27.4	17,966	16,877	1,089	6.4
Connecticut.....	999,839	794,381	205,458	25.9	114,917	114,039	878	0.8
<b>MIDDLE ATLANTIC:</b>								
New York.....	7,185,949	5,352,283	1,833,211	34.3	1,928,120	1,916,611	11,509	0.6
New Jersey.....	1,907,710	1,363,653	543,357	39.9	629,937	520,016	109,941	21.1
Pennsylvania.....	4,630,669	3,591,781	1,038,888	28.9	3,034,442	2,710,331	324,108	12.0
<b>EAST NORTH CENTRAL:</b>								
Ohio.....	2,665,143	2,027,462	637,681	31.5	2,101,678	2,130,083	-28,105	-1.3
Indiana.....	1,143,835	876,294	267,541	30.5	1,537,041	1,640,165	-83,127	-5.1
Illinois.....	2,476,929	2,666,333	810,596	30.4	2,161,692	2,135,217	6,445	0.3
Michigan.....	1,327,044	956,838	360,216	37.2	1,483,129	1,454,156	28,973	2.0
Wisconsin.....	1,604,320	811,096	193,224	23.8	1,329,540	1,257,946	71,594	5.7
<b>WEST NORTH CENTRAL:</b>								
Minnesota.....	850,294	615,595	236,699	38.6	1,225,414	1,137,799	87,615	7.7
Iowa.....	680,054	567,267	112,787	19.9	1,544,717	1,664,586	-119,869	-7.2
Missouri.....	1,398,817	1,143,431	255,386	22.3	1,894,518	1,963,234	-68,716	-3.5
North Dakota.....	66,236	33,302	29,874	89.5	513,820	285,784	228,036	79.8
South Dakota.....	76,673	47,945	28,728	59.5	507,215	353,025	153,590	43.4
Nebraska.....	310,832	261,833	48,999	18.7	881,282	804,447	76,835	9.6
Kansas.....	493,790	355,211	138,579	39.0	1,197,159	1,115,284	81,875	7.3
<b>SOUTH ATLANTIC:</b>								
Delaware.....	97,065	85,717	11,368	13.3	108,237	99,018	6,219	6.3
Maryland.....	658,192	563,133	65,059	11.0	637,154	594,911	42,243	7.1
District of Columbia.....	331,069	278,718	52,351	18.8				
Virginia.....	476,529	354,861	121,668	34.3	1,585,083	1,499,323	85,760	5.7
West Virginia.....	228,242	137,464	90,778	66.0	902,877	821,336	171,541	20.9
North Carolina.....	318,474	208,215	110,259	53.0	1,887,813	1,685,595	202,218	12.0
South Carolina.....	224,832	177,270	47,562	26.8	1,260,568	1,163,046	127,522	11.0
Georgia.....	538,650	376,052	162,598	43.2	2,070,471	1,840,279	230,192	12.5
Florida.....	219,060	126,287	92,793	73.5	533,539	402,255	131,284	32.6
<b>EAST SOUTH CENTRAL:</b>								
Kentucky.....	555,442	483,233	72,209	14.9	1,734,463	1,663,941	70,522	4.2
Tennessee.....	441,045	335,722	105,323	31.4	1,743,744	1,684,779	58,965	3.5
Alabama.....	370,431	237,670	132,761	55.9	1,767,662	1,591,027	176,635	11.4
Mississippi.....	207,311	129,665	77,646	59.9	1,589,803	1,421,605	168,198	11.8
<b>WEST SOUTH CENTRAL:</b>								
Arkansas.....	202,681	131,719	70,962	53.9	1,371,768	1,179,960	191,808	16.3
Louisiana.....	496,516	380,997	115,519	30.3	1,159,872	1,000,628	159,244	15.9
Oklahoma <sup>1</sup> .....	320,155	89,148	231,007	239.1	1,337,000	701,243	635,757	90.7
Texas.....	938,104	559,872	378,232	67.6	2,958,438	2,488,838	469,600	18.9
<b>MOUNTAIN:</b>								
Montana.....	133,420	89,476	43,944	49.1	242,633	153,853	88,780	57.7
Idaho.....	69,898	22,107	47,791	216.2	255,696	139,665	116,031	83.1
Wyoming.....	43,221	33,536	9,685	28.9	102,744	59,005	43,739	74.1
Colorado.....	404,840	269,662	135,178	50.1	394,184	270,038	124,146	46.0
New Mexico.....	46,571	26,484	20,087	75.8	280,730	168,826	111,904	66.3
Arizona.....	63,260	21,409	41,851	195.5	141,094	101,522	39,572	39.0
Utah.....	172,934	108,168	64,766	59.9	200,417	168,561	31,836	18.9
Nevada.....	15,367	4,500	8,867	197.0	68,508	37,835	30,673	81.1
<b>PACIFIC:</b>								
Washington.....	605,530	227,614	377,916	166.0	536,460	290,489	245,971	84.7
Oregon.....	307,060	142,840	164,220	115.0	365,705	270,696	95,009	35.1
California.....	1,469,739	810,193	659,546	81.4	907,810	674,860	232,950	34.5

<sup>1</sup> A minus sign (-) denotes decrease.

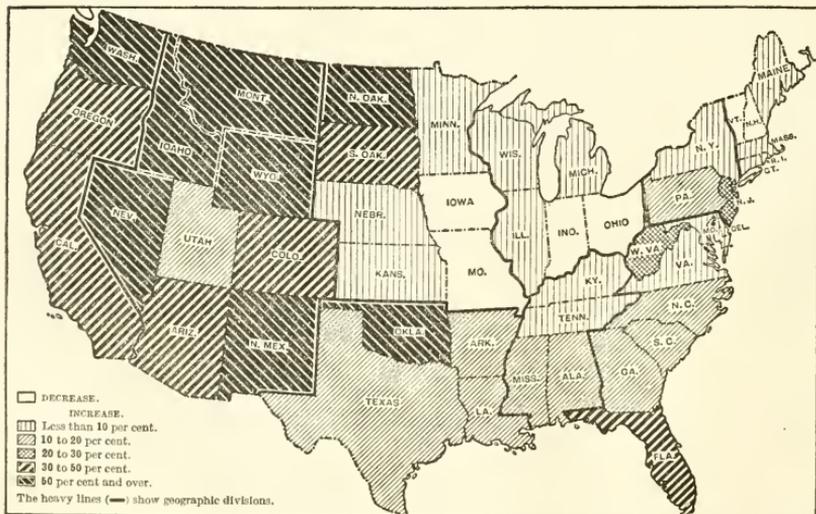
<sup>2</sup> A decrease of less than one-tenth of 1 per cent.

<sup>3</sup> Includes population of Indian Territory for 1900.

PER CENT OF INCREASE IN URBAN POPULATION, BY STATES: 1900-1910.



PER CENT OF INCREASE IN RURAL POPULATION, BY STATES: 1900-1910.



There was in every state between 1900 and 1910 an increase in urban population, but in six states—namely, New Hampshire, Vermont, Ohio, Indiana, Iowa, and Missouri—there was a decrease in rural population. In all but two states—Montana and Wyoming—the urban population increased faster than the rural population, and generally at a much more rapid rate.

## COMMUNITIES CLASSIFIED ACCORDING TO SIZE.

**Proportion in the several classes of communities.**—In addition to classifying the population according to the broad grouping into urban and rural, a further analysis may be made on the basis of a more detailed size classification. The following table shows, for the

The decrease or slow increase in the rural population throughout large areas is in no sense due to lack of agricultural prosperity. On the contrary, in almost all such areas there has been a remarkable increase in the value of farm property.

The maps on the opposite page show the rates of increase or decrease in urban and in rural population since 1900 for each state.

United States, the number of places constituting each of the specified classes of cities at the censuses of 1910, 1900, and 1890, the combined population of each group, and the percentage which each group represents of the total population of the country.

Table 20 CLASS OF PLACES.	1910		1900		1890		PER CENT OF TOTAL POPULATION.		
	Number of places.	Population.	Number of places.	Population.	Number of places.	Population.	1910	1900	1890
Total population of the United States .....		91,972,206		75,994,575		62,947,714	100.0	100.0	100.0
<b>Urban territory</b> .....	<b>12,402</b>	<b>42,623,383</b>	<b>11,891</b>	<b>30,797,185</b>	<b>11,507</b>	<b>22,720,223</b>	<b>46.3</b>	<b>40.5</b>	<b>36.1</b>
Places of 1,000,000 inhabitants or more .....	3	8,501,174	3	6,429,474	3	3,652,115	9.2	8.5	5.8
Places of 500,000 to 1,000,000 inhabitants .....	3	3,010,667	3	1,645,087	1	805,243	3.3	2.2	1.3
Places of 250,000 to 500,000 inhabitants .....	11	3,949,839	9	2,861,296	7	2,447,008	4.3	3.8	3.9
Places of 100,000 to 250,000 inhabitants .....	31	4,840,458	23	3,272,490	17	2,781,894	5.3	4.3	4.4
Places of 50,000 to 100,000 inhabitants .....	89	4,178,915	81	2,706,477	30	2,027,569	4.6	3.6	3.2
Places of 25,000 to 50,000 inhabitants .....	120	4,092,713	82	2,785,677	67	2,288,705	4.4	3.7	3.7
Places of 10,000 to 25,000 inhabitants .....	372	5,609,208	285	4,409,909	232	3,487,139	6.1	5.8	5.5
Places of 5,000 to 10,000 inhabitants .....	629	4,384,705	476	3,275,518	326	2,495,394	4.7	4.3	4.0
Places of 2,500 to 5,000 inhabitants .....	1,172	4,105,656	969	3,354,276	791	2,713,196	4.5	4.4	4.3
<b>Rural territory</b> .....	<b>49,348,853</b>	<b>49,348,853</b>	<b>62,197,390</b>	<b>45,197,390</b>	<b>60,221,491</b>	<b>40,221,491</b>	<b>53.7</b>	<b>59.5</b>	<b>63.9</b>
Incorporated places of less than 2,500 inhabitants .....	11,784	8,118,825	8,892	6,247,645	6,466	4,719,855	8.8	8.2	7.5
Other rural territory .....		41,230,058		38,949,745		35,507,656	44.8	51.3	56.4

The total number of cities of certain classes for the United States as a whole, and for certain geographic divisions, is less than the sum of the numbers shown for the individual states of the country or of the division, for the reason that three cities each lie in two adjoining states, namely, Bristol (Virginia-Tennessee), Texarkana (Arkansas-Texas), and Union City (Indiana-Ohio), and are therefore counted twice. Moreover, one of these cities—Bristol—lies in two different geographic divisions (South Atlantic and East South Central). Each of these cities consists of two incorporated municipalities, but each, from the statistical standpoint, one city, and should be classed according to its total population. In each case that part of the population lying in each state, whatever its number, is credited to the group of cities to which, according to the total population, the city belongs. According to total population, Bristol fell in 1910 in the class of cities of 10,000-25,000; in 1900 and in 1890, in the class 5,000-10,000; Texarkana fell in 1910 and 1900 in the class of 10,000-25,000, and in 1890 in the class 5,000-10,000; and Union City fell at each census from 1890 to 1910 in the class of 2,500-5,000.

In addition to the 46.3 per cent of the total population which in 1910 resided in communities classed by the Census Bureau as urban, 8.8 per cent resided in incorporated places of less than 2,500 inhabitants, making in all 55.1 per cent residing under conditions more or less urban in character.

Nearly one-tenth (9.2 per cent) of the total population in 1910 resided in the three cities (New York, Chicago, and Philadelphia) which had more than 1,000,000 inhabitants each. If 100,000 inhabitants be taken as the dividing line between large and medium-sized cities, it is seen that 22.1 per cent of the population resided in such large cities. Of the total population, 8.9 per cent resided in cities of medium size, ranging from 25,000 to 100,000 inhabitants, while the small urban communities of from 2,500 to 25,000 inhabitants contained 15.3 per cent.

Comparing the percentages for the three censuses, it is seen that each of the several groups of communities classed as urban comprised a larger percentage of the population of the country in 1910 than in 1900, and that, with two exceptions, each class in 1900 com-

prised a larger percentage of the total population than in 1890.

The population of each class of cities in the several divisions in 1910 is shown in Table 22 from which the percentages in Table 21 are derived. Very great differences appear among the several geographic divisions with respect to the distribution of the urban population among communities of different sizes.

Table 21

DIVISION.	PER CENT OF POPULATION IN 1910 LIVING IN—					Rural districts.
	Cities of—					
	100,000 or more.	25,000 to 100,000.	10,000 to 25,000.	5,000 to 10,000.	2,500 to 5,000.	
United States .....	22.1	9.0	6.1	4.7	4.5	53.7
New England .....	24.5	25.0	14.3	11.3	8.2	16.7
Middle Atlantic .....	41.5	10.9	7.0	4.5	4.1	29.0
East North Central .....	26.1	8.5	7.6	6.0	4.5	47.3
West North Central .....	13.5	6.9	3.9	4.3	4.7	66.7
South Atlantic .....	9.6	6.8	3.6	3.3	3.0	74.6
East South Central .....	7.1	3.4	2.6	2.7	2.8	81.3
West South Central .....	3.9	7.2	4.0	2.0	2.0	77.7
Mountain .....	8.1	8.8	5.5	6.0	7.0	64.0
Pacific .....	34.2	6.4	7.3	3.2	5.7	43.2

Table 22

DIVISION.	CITIES HAVING IN 1910 A POPULATION OF—										RURAL DISTRICTS—POPULATION.
	100,000 or more.		25,000 to 100,000.		10,000 to 25,000.		5,000 to 10,000.		2,500 to 5,000.		
	Number of places.	Aggregate population.	Number of places.	Aggregate population.	Number of places.	Aggregate population.	Number of places.	Aggregate population.	Number of places.	Aggregate population.	
United States.....	50	30,302,138	179	8,241,678	1,372	5,809,206	629	4,384,703	1,172	4,105,656	49,348,883
New England.....	8	1,606,984	34	1,637,987	61	936,553	106	738,450	153	535,371	1,097,330
Middle Atlantic.....	11	8,599,877	44	2,110,782	91	1,849,807	130	875,771	223	787,139	5,892,319
East North Central.....	10	4,701,906	38	1,553,399	88	1,296,143	154	1,088,197	222	819,155	8,633,350
West North Central.....	5	1,575,638	17	801,931	33	455,439	71	498,719	156	541,919	7,764,205
South Atlantic.....	4	1,172,021	16	712,387	27	444,714	58	397,981	105	365,950	9,102,742
East South Central.....	4	598,082	7	289,285	15	230,364	33	229,933	67	236,365	6,835,672
West South Central.....	1	339,075	12	636,814	27	354,382	38	229,286	117	397,899	6,827,078
Mountain.....	1	213,381	5	230,968	12	144,898	26	174,000	54	184,822	1,686,036
Pacific.....	6	1,435,094	6	267,688	16	307,913	19	135,096	65	237,438	1,809,975

1 See footnote to table on page 59.

## Growth of the several classes of urban communities.—

In comparing the growth of the several classes of urban communities from 1900 to 1910, each community is grouped, for both censuses, according to its population in 1910, so as to avoid the disturbing effect of the passage of communities from one group to another. The population shown for 1900 represents, so far as it could be ascertained, the population within the boundaries of the communities as constituted in 1910. The comparison for the United States as a whole is presented in Table 23. With one exception, there was in 1910 no very great difference in the rates of growth of the several classes of urban communities. There are two groups in which the increase in population between 1900 and 1910 was somewhat more than 40 per cent, namely, cities of from 100,000 to 250,000 inhabitants and those of from 50,000 to 100,000. For all but one of the other groups the increase was between 30 and 40 per cent. The remaining group—that comprising five cities having in 1910 from 500,000 to 1,000,000 inhabitants—showed an increase during the decade of barely 20 per cent.

Table 23

CLASS OF PLACES.	Number of places in 1910.	AGGREGATE POPULATION IN—		INCREASE: 1900-1910	
		1910	1900	Number.	Per cent.
United States.....	.....	91,972,266	75,994,575	15,977,691	21.0
Territory urban in 1910.....	12,402	42,622,383	31,669,645	11,012,738	34.8
Places of—					
1,000,000 or more.....	3	8,501,174	6,429,474	2,071,700	32.2
500,000 to 1,000,000.....	3	3,016,667	2,501,229	509,431	20.4
250,000 to 500,000.....	11	3,949,838	2,932,040	1,017,799	34.7
100,000 to 250,000.....	31	4,840,458	3,421,849	1,418,609	41.5
50,000 to 100,000.....	59	4,178,815	2,988,311	1,239,494	41.7
25,000 to 50,000.....	129	4,062,763	3,028,097	1,034,756	34.2
10,000 to 25,000.....	372	5,009,208	4,155,442	853,766	35.0
5,000 to 10,000.....	629	4,394,703	3,194,275	1,170,428	36.6
2,500 to 5,000.....	1,172	4,105,656	3,000,818	1,104,838	36.8
Remainder of country.....	.....	49,348,883	44,384,930	4,963,953	11.2

1 See footnote to table on page 59.

Table 24 presents a comparison of the increase, between 1900 and 1910, in the population of different classes of urban communities and of rural territory in each of the nine geographic divisions of the United States. The number of classes of urban communities shown in Table 24 has been reduced to three by consolidating some of the minor groups shown in the table immediately preceding.

Table 24

DIVISION.	CITIES OF 100,000 OR MORE IN 1910.					CITIES OF 25,000 TO 100,000 IN 1910.					CITIES OF 2,500 TO 25,000 IN 1910.					TERRITORY RURAL IN 1910.				
	Num-ber.	Aggregate population.		Per cent of in-crease.	Num-ber.	Aggregate population.		Per cent of in-crease.	Num-ber.	Aggregate population.		Per cent of in-crease.	Population.		Per cent of in-crease. <sup>1</sup>					
		1910	1900			1910	1900			1910	1900		1910	1900						
United States....	50	29,302,138	15,284,589	32.8	179	8,241,678	5,978,518	37.9	2,173	14,079,567	10,345,538	36.1	49,348,883	44,384,930	11.2					
New England.....	8	1,606,984	1,325,651	21.2	34	1,637,987	1,269,841	29.0	30	2,101,374	1,880,639	16.7	1,097,330	1,102,860	—(5)					
Middle Atlantic.....	11	8,599,877	6,575,912	30.8	44	2,110,782	1,574,968	34.0	444	3,012,714	2,156,847	39.7	5,892,319	5,146,861	8.7					
East North Central.....	10	4,701,906	3,600,614	32.3	38	1,553,809	1,127,923	37.8	370	2,310,470	2,619,474	26.0	8,633,350	8,637,870	—(5)					
West North Central.....	5	1,575,638	1,208,221	30.4	17	801,931	649,520	25.2	260	1,496,127	1,173,823	27.5	7,764,205	7,823,759	6.0					
South Atlantic.....	4	1,172,021	974,043	20.3	16	712,387	616,457	37.9	190	1,267,748	846,647	42.7	9,102,742	8,108,763	12.3					
East South Central.....	4	598,082	444,444	34.6	7	289,285	237,257	21.9	115	686,962	594,589	36.1	6,835,672	6,361,352	7.5					
West South Central.....	1	339,075	287,104	18.1	12	636,814	331,469	92.2	177	983,157	543,223	80.7	6,827,078	5,370,669	27.1					
Mountain.....	1	213,381	140,472	61.9	5	230,968	149,556	54.5	91	504,365	285,304	76.4	1,686,036	1,099,325	53.4					
Pacific.....	6	1,435,094	727,428	97.3	6	267,688	128,527	108.3	103	679,547	321,692	109.3	1,809,975	1,230,045	46.4					

1 A minus sign (—) denotes decrease.

2 See footnote to table on page 59.

3 A decrease of less than one-tenth of 1 per cent.

## METROPOLITAN DISTRICTS.

In its general tables dealing with the population of cities, the Bureau of the Census must necessarily deal with political units, or, in other words, with the population contained within the municipal boundaries of each city. It is a familiar fact that, in some cases, the municipal boundaries give only an inadequate idea of the population grouped about one urban center. In the case of many cities there are suburban districts with a dense population outside the city limits, which, in a certain sense, are as truly a part of the city as the districts which are under the municipal government.

It seems desirable, therefore, to show the magnitude of each of the principal population centers taken as a whole. Statistics have been compiled for each city in the United States with a population of 200,000 inhabitants or more, which, in addition to the population within the city limits, show the population in adjoining communities which may be considered as intimately associated with the urban center. Such districts are designated as "metropolitan districts."

In laying out such metropolitan districts the population is first determined for all civil divisions (that is, cities, towns, boroughs, townships, precincts, etc.) located within 10 miles of the city boundaries. Divisions which lie partly within and partly without the 10-mile limit are included if either one-half of their total population or one-half of their total area comes within that limit. State boundaries are disregarded, so that in some cases the metropolitan district lies partly in two states.

From the territory lying within the limits thus determined there have been deducted all divisions which have a population of less than about 150 or 200 inhabitants per square mile. Where the density of population is less, the division may be considered as rural rather than urban in character, and as not properly a part of the metropolitan district. There are a few exceptions to this rule where a minor civil division has been included within the metropolitan district, even though it had a lower density than that just stated, because that division was completely or almost surrounded by other civil divisions having a density which would require them to be included. The exception in such cases seems justified in order to avoid undue irregularity in the shape of the districts, or gaps lying wholly within their area.

Since a strict application of the rules for determining the metropolitan district of Boston would give an area

almost identical with the area of the "industrial district" of Boston, as laid out in a previous census bulletin (1909), the latter area is for convenience of comparison considered as the metropolitan district. The same is true of New York City, except that Nassau County, which was not included in the industrial district, has been added to the metropolitan district. In the case of the other industrial districts shown in the bulletin mentioned, the areas were so different from the metropolitan districts, as determined by the application of the rule here described, that no attempt was made to secure conformity.

Table 25 on the next page shows for 1910 and 1900 the population of 25 metropolitan districts as defined by the Census Bureau, distinguishing the population lying within the city proper from that outside the city. The cities are arranged in the order of the aggregate population of the metropolitan district.

It will be noted that two cities of more than 200,000 inhabitants—Newark and Jersey City—do not appear in the table, for the reason that they are included within the metropolitan district of New York.

The importance of the suburbs of great cities is conspicuously indicated by the combined statistics for the 25 metropolitan districts, which appear at the beginning of the table. The combined population of the metropolitan districts in 1910 was 22,088,331, of which 17,099,904 represents the population of the central cities and 4,988,427 that of the suburban areas, the latter being equal to nearly 30 per cent of the population of the cities proper. The figure of 17,099,904 represents the population of 28 cities, since there are three metropolitan districts in each of which there are two cities of such large population that both are treated as the central cities of the district, namely, Minneapolis and St. Paul; Kansas City, Kans., and Kansas City, Mo.; and San Francisco and Oakland.

The table shows further that the population of the metropolitan districts lying outside of the central cities increased between 1900 and 1910 somewhat more rapidly than that within their boundaries, the increase for the suburban districts being 43 per cent and for the cities proper 33.2 per cent.

The table emphasizes the well-known fact that the cities of the country have quite a different rank when their suburbs are taken into account from that which they hold when only the population within the city boundaries proper is considered.

## POPULATION OF METROPOLITAN DISTRICTS: 1910 AND 1900.

Table 23				CITIES OF 200,000 INHABITANTS OR MORE.					
CITY.	Area in acres:	Population.		Per cent of increase: 1900-1910	CITY.	Area in acres:	Population.		Per cent of increase: 1900-1910
		1910	1900				1910	1910	
<b>Total for 25 metropolitan districts</b> .....	4,717,832.2	22,088,331	16,222,800	35.3	<b>BUFFALO.</b>				
In city proper	1,185,726.8	17,099,994	12,833,201	33.2	Metropolitan district	132,413.4	488,661	394,031	24.0
Outside central cities	3,531,736.4	4,988,427	3,489,599	43.0	In city proper	22,791.0	420,715	332,387	20.2
					Outside	107,622.4	64,846	61,644	56.0
<b>NEW YORK.</b>					<b>LOS ANGELES.</b>				
Metropolitan district	616,927.6	6,474,658	4,607,804	40.5	Metropolitan district	252,826.8	438,226	123,062	256.1
In city proper	183,317.0	4,477,663	3,437,212	28.7	In city proper	63,486.0	319,198	102,479	211.5
Outside	433,372.6	1,707,685	1,170,652	45.9	Outside	189,340.8	119,028	20,583	478.3
<b>CHICAGO.</b>					<b>MILWAUKEE.</b>				
Metropolitan district	400,086.2	2,446,921	1,937,987	33.1	Metropolitan district	112,339.4	427,175	324,963	31.5
In city proper	118,433.3	2,185,283	1,688,578	28.2	In city proper	14,885.8	373,857	285,315	31.0
Outside	281,652.9	261,638	139,412	87.7	Outside	97,733.6	53,318	39,648	34.5
<b>PHILADELPHIA.</b>					<b>PROVIDENCE.</b>				
Metropolitan district	437,732.5	1,972,342	1,623,149	21.5	Metropolitan district	126,469.4	335,972	306,110	29.4
In city proper	83,240.0	1,549,008	1,285,697	19.7	In city proper	11,329.2	224,369	175,897	27.8
Outside	354,392.5	423,534	337,452	28.5	Outside	115,172.2	171,646	130,513	31.5
<b>BOSTON.</b>					<b>WASHINGTON.</b>				
Metropolitan district	335,904.7	1,520,470	1,249,504	21.7	Metropolitan district	190,380.2	367,569	305,654	20.3
In city proper	26,269.0	670,881	566,892	19.0	In city proper	38,408.4	331,960	278,716	18.8
Outside	309,615.7	849,888	688,612	23.4	Outside	151,971.8	34,609	22,946	36.5
<b>PITTSBURGH.</b>					<b>NEW ORLEANS.</b>				
Metropolitan district	405,880.1	1,042,853	792,965	31.5	Metropolitan district	137,760.0	348,109	294,615	18.2
In city proper	89,310.7	833,903	617,212	26.7	In city proper	125,440.0	339,075	287,104	18.1
Outside	379,360.4	508,950	341,456	49.1	Outside	12,320.0	9,034	7,511	20.3
<b>ST. LOUIS.</b>					<b>KANSAS CITY (MO. AND KANS.).</b>				
Metropolitan district	107,993.4	828,733	649,711	27.6	Metropolitan district	62,030.5	340,446	228,235	49.2
In city proper	129,276.3	667,028	575,238	19.4	In city proper (Kans. City, Mo.)	37,443.0	248,381	167,762	61.7
Outside	158,717.1	141,704	74,473	90.3	In city proper (Kans. City, Kans.)	10,949.0	82,331	61,418	60.1
<b>SAN FRANCISCO-OAKLAND.</b>					Outside	15,647.5	9,734	13,063	-25.5
Metropolitan district	289,380.8	686,873	473,073	45.2	<b>LOUISVILLE.</b>				
In city proper (San Francisco)	29,766.0	416,912	342,782	21.6	Metropolitan district	141,504.9	286,158	259,856	10.1
In city proper (Oakland)	29,248.8	46,540	46,960	12.4	In city proper	13,229.7	222,928	204,731	9.4
Outside	230,372.8	119,787	63,331	80.1	Outside	128,275.2	62,230	55,125	12.9
<b>BALTIMORE.</b>					<b>ROCHESTER.</b>				
Metropolitan district	184,659.8	658,715	577,670	14.0	Metropolitan district	119,596.7	248,512	165,609	34.0
In city proper	19,290.2	538,483	568,987	9.7	In city proper	11,329.2	182,649	152,689	34.2
Outside	165,369.6	100,239	68,713	45.9	Outside	106,630.4	30,363	22,801	33.2
<b>CLEVELAND.</b>					<b>SEATTLE.</b>				
Metropolitan district	103,173.6	613,270	420,020	46.0	Metropolitan district	41,151.6	239,269	80,885	195.8
In city proper	29,268.8	560,663	381,768	46.9	In city proper	33,750.0	237,194	80,671	194.0
Outside	73,964.8	62,607	88,252	37.5	Outside	5,401.6	2,075	2,214	89.6
<b>CINCINNATI.</b>					<b>INDIANAPOLIS.</b>				
Metropolitan district	111,771.7	563,804	495,679	13.7	Metropolitan district	27,860.4	237,783	179,632	36.9
In city proper	31,883.3	363,691	325,902	11.6	In city proper	21,130.4	233,650	169,164	38.1
Outside	79,878.4	200,213	170,777	17.7	Outside	6,729.0	4,133	4,468	-7.5
<b>MINNEAPOLIS-ST. PAUL.</b>					<b>DENVER.</b>				
Metropolitan district	94,539.0	523,236	372,009	41.5	Metropolitan district	46,148.0	219,314	135,899	61.5
In city proper (Minneapolis)	22,660.0	301,468	202,718	48.7	In city proper	37,028.0	213,381	135,859	69.4
In city proper (St. Paul)	33,390.0	214,744	163,065	31.7	Outside	9,120.0	5,933	1,960	204.3
Outside	29,080.0	10,104	6,226	62.3	<b>PORTLAND, OREG.</b>				
<b>DETROIT.</b>					Metropolitan district	43,338.2	215,948	91,668	134.6
Metropolitan district	96,833.8	500,982	318,567	57.1	In city proper	20,714.0	167,812	90,438	139.2
In city proper	78,451.2	456,768	288,704	63.0	Outside	22,624.2	7,834	1,242	380.8
Outside	70,451.2	35,216	33,263	5.9					

A minus sign (-) denotes decrease.

**NOTE.**—The following statement gives the name and population of each municipality of 5,000 inhabitants or more falling within each metropolitan district, except the central city itself.

**New York district.**—New York: Yonkers city, 79,803; Mount Vernon city, 30,319; New Rochelle city, 28,857; Mamaroneck village, 5,699; New Jersey: Newark city, 347,469; Jersey City, 367,778; Paterson city, 125,600; Elizabeth city, 73,409; Hoboken city, 70,284; Bayonne city, 55,545; Passaic city, 54,778; West Hoboken town, 35,469; East Orange city, 34,771; Perth Amboy city, 24,121; Cranford town, 29,630; Montclair town, 21,850; Union town, 21,292; Kearny town, 18,639; Bloomfield town, 15,070; Harrison town, 14,498; Hackensack town, 14,039; New York city, 28,857; Manhattan village, 5,699; New Jersey: Newark city, 347,469; Jersey City, 367,778; Paterson city, 125,600; Elizabeth city, 73,409; Hoboken city, 70,284; Bayonne city, 55,545; Passaic city, 54,778; West Hoboken town, 35,469; East Orange city, 34,771; Perth Amboy city, 24,121; Cranford town, 29,630; Montclair town, 21,850; Union town, 21,292; Kearny town, 18,639; Bloomfield town, 15,070; Harrison town, 14,498; Hackensack town, 14,039; 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New York city, 28,857; Manhattan village, 5,699; New Jersey: Newark city, 347,469; Jersey City, 367,778; Paterson city, 125,600; Elizabeth city, 73,409; Hoboken city, 70,284; Bayonne city, 55,545; Passaic city, 54,778; West Hoboken town, 35,469; East Orange city, 34,771; Perth Amboy city, 24,121; Cranford town, 29,630; Montclair town, 21,850; Union town, 21,292; Kearny town, 18,639; Bloomfield town, 15,070; Harrison town, 14,498; Hackensack town, 14,039; New York city, 28,857; Manhattan village, 5,699

POPULATION OF CITIES.

POPULATION OF INDIVIDUAL CITIES.

The statistics of population for individual cities and other incorporated places having, in 1910, 2,500 inhabitants or more are given in this section.

Table 27 shows the population of cities having, in 1910, 25,000 inhabitants or more as reported at the censuses of 1910, 1900, and 1890, with the per cent of increase from 1900 to 1910 and from 1890 to 1900.

Table 28 (pp. 65 to 75) shows the population of incorporated places and New England towns having, in 1910, 2,500 inhabitants or more, alphabetically arranged by states, as reported at the last three Federal censuses, namely, those of 1910, 1900, and 1890.

In using the figures given in these tables, it should be remembered that, in some instances, the growth of a city or other incorporated place may have been due in part to annexation of suburban territory. Except in the cases of New York City, Pittsburgh, and a few other similar consolidations mentioned in footnotes

to these tables, no allowance has been made for such annexations.

Of the 225 cities of 25,000 inhabitants or more for which comparative figures for the two decades are given, 153 showed a greater absolute increase in the decade 1900 to 1910 than in the preceding decade, and 114 of these showed also a higher percentage of increase.

As regards rates of increase from 1900 to 1910, the cities having at least 25,000 inhabitants are distributed as shown in the following table:

Table 25	RATE OF INCREASE: 1900-1910	United States.	Northern states.	Southern states.	Western states.
Total	.....	229	167	46	18
Over 10 per cent.....	.....	22	4	9	9
70 to 100 per cent.....	.....	19	7	1	1
50 to 70 per cent.....	.....	29	22	3	4
30 to 50 per cent.....	.....	47	39	6	2
20 to 30 per cent.....	.....	47	32	4	6
10 to 20 per cent.....	.....	42	36	6	6
Under 10 per cent.....	.....	15	9	1	5
Decrease.....	.....	2	2	1	4

POPULATION OF CITIES HAVING, IN 1910, 25,000 INHABITANTS OR MORE, WITH PER CENT OF INCREASE: 1890-1910.

Table 27	POPULATION.					PER CENT OF INCREASE. <sup>1</sup>		CITY.	POPULATION.			PER CENT OF INCREASE. <sup>2</sup>		
	CITY.	1910	1900	1890	1900-1910	1890-1900	1910		1900	1890	1900-1910	1890-1900		
	<b>Alabama</b>													
	Birmingham.....	132,685	38,415	26,178	24.5	46.7	Aurora.....	29,807	24,147	19,688	23.4	22.6		
	Mobile.....	51,524	38,409	31,076	33.9	23.8	Bloomington.....	25,768	23,286	20,843	10.7	13.7		
	Montgomery.....	38,136	30,346	21,883	25.7	38.7	Chicago.....	2,183,283	1,698,575	1,099,830	28.7	54.4		
	<b>Arkansas</b>						Danville.....	27,871	16,354	11,491	70.4	42.3		
	Little Rock.....	45,941	38,307	25,874	19.9	48.1	Decatur.....	31,140	20,754	16,841	50.0	23.2		
	<b>California</b>						East St. Louis.....	66,950	56,130	41,024	19.3	38.7		
	Berkeley.....	40,434	15,234	5,101	206.0	159.0	Elgin.....	28,976	22,433	17,833	15.8	25.9		
	Los Angeles.....	319,195	103,479	50,395	211.5	103.4	Joliet.....	34,670	29,533	23,264	18.1	26.2		
	Oakland.....	150,174	66,960	48,682	124.3	37.5	Peoria.....	36,587	36,252	31,494	0.9	15.1		
	Pasadena.....	39,291	9,117	4,882	232.2	86.7	Rockford.....	45,401	31,051	23,584	46.2	31.7		
	Sacramento.....	44,036	29,282	26,386	32.6	11.0	Springfield.....	51,578	34,159	24,963	51.3	36.8		
	San Diego.....	39,578	17,700	16,150	123.6	9.5	<b>Indiana</b>							
	San Francisco.....	416,912	342,782	298,997	21.6	14.6	Evansville.....	69,647	59,907	50,756	18.0	16.3		
	San Jose.....	28,946	21,500	18,000	34.6	19.0	Fort Wayne.....	63,953	45,115	35,393	41.7	27.5		
	<b>Colorado</b>						Indianapolis.....	233,630	169,164	105,436	38.1	60.4		
	Colorado Springs.....	29,078	21,085	11,140	37.9	89.3	South Bend.....	53,684	35,999	21,819	49.1	65.0		
	Denver.....	213,381	133,859	106,713	59.4	25.4	Terre Haute.....	38,157	36,673	36,217	58.6	21.4		
	Fueblo.....	44,365	29,157	24,538	37.7	14.7	<b>Iowa</b>							
	<b>Connecticut</b>						Cedar Rapids.....	32,811	25,656	18,020	27.9	42.4		
	Bridgeport.....	102,654	70,996	48,866	43.7	45.3	Clinton.....	25,577	22,698	13,619	12.7	66.7		
	Hartford.....	98,915	73,810	53,220	23.9	50.0	Council Bluffs.....	25,542	23,832	21,474	13.5	29.2		
	Meriden town.....	32,666	26,605	25,423	11.7	12.9	Davenport.....	43,028	35,254	26,872	22.1	31.2		
	Meriden city.....	67,265	54,596	21,619	18.2	12.2	Des Moines.....	86,368	62,139	50,093	29.0	24.0		
	New Britain.....	42,916	25,908	16,519	51.9	57.4	Dubuque.....	38,494	36,297	30,311	6.1	19.7		
	New Haven.....	133,605	108,027	81,298	23.7	32.9	Sioux City.....	47,878	33,111	37,806	44.4	-12.4		
	Norwich town.....	28,219	18,537	23,048	14.5	6.9	Waterloo.....	26,093	12,580	6,674	112.2	88.5		
	Norwich city.....	28,836	15,829	15,700	33.1	20.1	<b>Kansas</b>							
	Stamford city.....	26,158	15,897	67.1	.....	.....	Kansas City.....	82,331	51,418	38,316	60.1	34.2		
	Waterbury.....	73,141	45,859	28,646	59.5	60.1	Topeka.....	43,684	33,008	31,007	30.0	8.4		
	<b>Delaware</b>						Wichita.....	52,450	24,671	23,833	112.6	3.4		
	Wilmington.....	87,411	76,508	61,431	14.3	24.5	<b>Kentucky</b>							
	<b>District of Columbia</b>						Covington.....	53,270	42,938	37,371	24.1	14.9		
	Washington.....	331,069	278,718	230,392	18.8	21.0	Lexington.....	35,059	26,369	21,567	33.1	22.5		
	<b>Florida</b>						Louisville.....	223,928	204,731	161,129	9.4	27.1		
	Jacksonville.....	57,699	28,429	17,201	103.0	65.3	Newport.....	30,309	28,301	24,918	7.1	13.6		
	Tampa.....	37,782	15,839	5,532	138.5	186.3	<b>Louisiana</b>							
	<b>Georgia</b>						New Orleans.....	339,075	287,104	242,039	18.1	18.6		
	Atlanta.....	154,839	89,872	65,533	72.3	37.1	Shreveport.....	28,015	16,013	11,979	75.0	33.7		
	Augusta.....	41,040	39,441	33,300	4.1	18.4	<b>Maine</b>							
	Macon.....	60,465	33,272	22,746	74.7	2.3	Lewiston.....	26,247	23,761	21,701	10.5	9.5		
	Savannah.....	65,064	54,244	43,189	19.9	25.6	Portland.....	55,571	50,145	36,425	16.8	37.7		
	<b>Maryland</b>						<b>Maryland</b>							
	Baltimore.....	558,485	508,957	434,430	9.7	17.2	<b>Maryland</b>							

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Town and city now coextensive.

<sup>3</sup> Population is for the District of Columbia, with which the city is coextensive.

## POPULATION OF CITIES AND TOWNS, IN 1910, 25,000 INHABITANTS OR MORE, WITH PER CENT OF INCREASE: 1890-1910—Continued.

CITY.	POPULATION.					PER CENT OF INCREASE. <sup>1</sup>				
	1910	1900	1890	1900-1910	1900-1900	1900-1910	1900-1900	1900-1910	1900-1900	1900-1910
	POPULATION.					PER CENT OF INCREASE. <sup>1</sup>				
<b>Massachusetts</b>										
Boston.....	670,583	560,892	448,477	19.6	25.1					
Brockton.....	56,578	40,063	27,294	42.0	46.8					
Brookline town.....	27,759	19,425	12,103	34.7	64.7					
Cambridge.....	104,829	91,886	70,028	14.1	31.2					
Chelsea.....	32,432	34,072	27,909	-4.8	22.1					
Chicopee.....	25,401	19,167	14,650	32.5	36.4					
Everett.....	33,484	24,336	11,068	37.6	119.9					
Fall River.....	119,235	104,863	74,398	13.8	40.9					
Fitchburg.....	37,829	31,531	22,037	20.0	43.1					
Haverhill.....	44,115	37,175	27,412	17.8	35.6					
Holyoke.....	67,730	45,712	35,637	30.3	28.3					
Lawrence.....	85,872	62,559	40,654	37.0	49.1					
Lowell.....	106,294	94,969	77,696	11.9	22.2					
Lynn.....	89,336	68,513	55,727	34.0	52.9					
Methuen.....	44,494	37,744	26,031	46.2	42.1					
New Bedford.....	16,652	62,442	40,733	54.8	33.3					
Newton.....	39,806	33,587	24,379	18.5	37.8					
Pittsfield.....	32,121	21,766	17,281	47.6	60.9					
Quincy.....	32,422	23,899	16,723	36.6	42.9					
Salem.....	43,697	36,356	30,501	21.5	35.7					
Somerville.....	77,259	61,643	40,152	33.3	53.5					
Springfield.....	88,926	62,059	41,179	43.3	40.5					
Taunton.....	34,259	31,036	25,488	16.4	22.0					
Waltham.....	27,834	25,841	18,707	18.5	25.5					
Worcester.....	145,986	118,421	81,655	23.3	29.9					
<b>Michigan</b>										
Battle Creek.....	25,267	18,563	13,197	36.1	40.7					
Bay City.....	45,196	27,628	27,839	63.5	-0.8					
Detroit.....	465,746	287,704	203,870	63.0	38.8					
Flint.....	38,550	18,103	9,873	194.2	33.7					
Grand Rapids.....	112,341	87,463	60,278	45.6	52.0					
Kalamazoo.....	31,433	25,180	20,798	24.8	21.1					
Lansing.....	39,447	24,404	17,853	61.6	36.7					
Livonia.....	31,229	16,885	13,102	41.4	4.8					
Saginaw.....	50,510	42,345	46,322	19.3	-8.6					
<b>Minnesota</b>										
Duluth.....	78,496	52,969	33,115	48.1	60.0					
Minneapolis.....	301,408	202,718	164,738	48.7	23.1					
St. Paul.....	314,774	165,065	133,150	31.7	22.5					
<b>Missouri</b>										
Joplin.....	32,073	26,023	9,943	33.2	161.7					
Kansas City.....	218,381	163,742	132,716	51.7	23.4					
St. Joseph.....	77,107	102,979	52,524	-24.8	96.8					
St. Louis.....	662,029	451,770	291,474	73.0	47.3					
Springfield.....	35,201	23,267	21,850	51.3	6.5					
<b>Montana</b>										
Butte.....	39,165	30,470	17,283	28.5	184.2					
<b>Nebraska</b>										
Lincoln.....	43,972	40,169	55,154	9.5	-27.2					
Omaha.....	124,086	102,555	140,432	21.0	-27.0					
South Omaha.....	26,259	26,001	8,062	1.0	22.5					
<b>New Hampshire</b>										
Manchester.....	70,063	56,987	44,126	22.9	43.1					
Nashua.....	26,005	25,898	19,311	8.8	23.8					
<b>New Jersey</b>										
Atlantic City.....	46,159	27,838	13,052	65.8	113.2					
Bayonne.....	55,244	32,722	19,033	69.7	71.9					
Camden.....	94,538	75,585	58,313	24.5	30.2					
East Orange.....	34,371	21,506	12,764	59.8	88.0					
Elizabeth.....	73,479	52,139	37,474	40.8	20.0					
Hoboken.....	70,324	59,364	43,648	18.5	36.0					
Jersey City.....	257,779	206,433	163,063	29.7	26.0					
Paterson.....	947,469	246,019	181,530	41.2	35.3					
Orange.....	29,630	24,141	18,844	22.7	28.1					
Piscataway.....	43,771	27,777	15,028	97.2	11.4					
Paterson.....	125,649	105,171	78,947	19.4	34.2					
Firth Amboy.....	32,121	17,699	9,512	81.5	86.1					
Trenton.....	96,815	73,307	37,438	32.1	27.6					
West Hoboken town.....	35,103	23,094	13,083	33.3	30.3					
<b>New York</b>										
Albany.....	101,253	94,151	94,923	6.5	-0.8					
Amsterdam.....	100,267	29,829	17,336	49.4	20.7					
Ann Arbor.....	34,668	39,345	34,628	17.4	-1.9					
Binghamton.....	48,443	39,647	35,065	22.2	13.8					
Buffalo.....	423,715	352,387	255,664	29.2	37.3					
Cattaraugus.....	37,176	35,727	30,983	3.2	3.1					
Jamestown.....	31,297	22,892	16,038	36.7	42.7					
Kingston.....	25,908	24,533	21,261	5.6	15.4					
Mount Vernon.....	30,919	31,228	10,849	45.7	96.0					
New Rochelle.....	28,867	14,729	9,057	96.1	62.5					
New York 7.....	4,706,883	4,437,963	3,210,414	4.4	31.4					
New York 8.....	2,331,842	1,869,663	1,447,216	36.0	28.4					
Manhattan Borough.....	930,389	860,567	88,098	11.9	13.5					
Brooklyn Borough.....	884,041	788,557	688,339	39.3	38.3					
Queens Borough.....	88,041	152,869	67,959	65.7	75.8					
Richmond Borough.....	85,969	67,021	51,693	28.3	29.7					
<b>New York Con.</b>										
Newburgh.....	27,805	24,943	23,087	11.5	8.0					
Niagara Falls.....	30,445	19,437	10,455	56.5	5.2					
Poughkeepsie.....	27,936	24,029	22,206	16.3	8.2					
Rochester.....	218,419	181,362	153,836	21.4	9.8					
Schenectady.....	72,826	61,882	48,902	129.9	59.2					
Syracuse.....	137,249	108,374	88,148	26.6	23.0					
Troy.....	79,813	69,633	60,936	26.6	-6.5					
Utica.....	74,419	59,383	44,067	32.0	38.1					
Watertown.....	26,730	21,096	14,725	23.2	47.3					
Yonkers.....	79,803	47,301	32,933	68.5	49.6					
<b>North Carolina</b>										
Charlotte.....	34,014	18,691	11,557	88.0	56.5					
Wilmington.....	25,748	20,976	10,267	22.7	4.6					
<b>Ohio</b>										
Akron.....	69,607	42,728	27,601	61.6	54.8					
Canton.....	50,217	30,667	26,189	63.7	17.1					
Cincinnati.....	363,599	325,908	295,908	11.6	8.8					
Cleveland.....	500,663	381,768	261,353	46.1	40.5					
Columbus.....	184,311	125,560	88,150	44.6	42.4					
Dayton.....	116,577	85,333	61,229	36.6	39.4					
Hamilton.....	32,279	29,914	17,965	47.5	36.1					
Lima.....	30,508	21,723	15,981	46.4	35.9					
Lorain.....	28,883	16,628	4,863	82.2	229.6					
Newark.....	25,404	18,157	14,270	39.2	27.2					
Springfield.....	46,921	38,253	31,895	22.7	19.9					
Talcaho.....	108,497	111,822	81,424	27.8	41.9					
Youngstown.....	79,496	44,885	33,220	76.3	21.1					
Zanesville.....	28,026	23,538	21,069	19.1	12.0					
<b>Oklahoma</b>										
Muskogee.....	22,278	4,254	.....	494.2	.....					
Oklahoma City.....	64,205	10,037	4,151	539.7	141.8					
<b>Oregon</b>										
Portland.....	207,214	90,426	46,385	122.9	94.9					
<b>Pennsylvania</b>										
Allentown.....	31,913	35,416	25,228	46.6	40.4					
Altoona.....	32,127	38,973	28,327	38.5	28.5					
Asheville.....	38,537	35,988	26,226	13.6	68.0					
Easton.....	28,253	25,238	14,481	13.0	74.3					
Erie.....	66,525	52,713	40,654	28.2	29.8					

POPULATION OF CITIES.

POPULATION OF CITIES HAVING, IN 1910, 25,000 INHABITANTS OR MORE, WITH PER CENT OF INCREASE: 1890-1910—Continued.

CITY.	POPULATION.				PER CENT OF INCREASE. <sup>1</sup>	CITY.	POPULATION.				PER CENT OF INCREASE. <sup>1</sup>
	1910	1900	1890	1900-1910			1910	1900	1890	1900-1910	
<b>Utah</b>											
Ogden.....	25,580	16,313	14,889	56.8	9.6	<b>West Virginia</b>					
Salt Lake City.....	92,777	53,531	44,843	73.3	19.4	Huntington.....	31,161	11,923	10,168	161.4	18.0
<b>Virginia</b>											
Lynchburg.....	29,494	18,891	19,709	56.1	-4.2	Wheeling.....	41,641	38,878	34,322	7.1	12.6
Portsmouth.....	46,427	46,624	34,871	44.7	32.7	<b>Wisconsin</b>					
Richmond.....	33,190	17,427	13,268	93.5	31.3	Green Bay.....	23,236	18,684	9,669	33.1	106.0
Roanoke.....	127,628	83,600	81,388	50.1	4.5	La Crosse.....	39,417	28,895	25,090	55.3	15.2
<b>Washington</b>											
Seattle.....	237,194	80,671	42,837	194.0	88.3	Madison.....	25,331	19,104	12,433	32.2	47.7
Spokane.....	104,462	36,848	19,522	183.3	85.0	Milwaukee.....	373,857	285,315	204,458	31.0	39.5
Tacoma.....	83,743	37,714	36,006	122.0	4.7	Oshkosh.....	38,062	28,284	22,836	16.9	23.9
<b>West Virginia</b>											
<b>Wisconsin</b>											

<sup>1</sup> A minus sign (-) denotes decrease.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.			1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.			1910	1900	1890		
				1910	1900	1890				1910	1900	1890					
<b>Alabama</b>																	
Alabama City town.....	4,313	5,276		<b>Arkansas—Con.</b>						<b>California—Con.</b>							
Anniston city.....	12,794	9,655	9,998	Fort Smith city.....	23,975	11,587	11,311	Orange city.....	2,930	1,216	866						
Attala town.....	2,513	1,692	1,234	Helen city.....	8,772	5,550	5,189	Orville city.....	2,829								
Bessemer city.....	10,864	6,328	4,344	Hope city.....	5,659	1,644	1,937	Oxnard city.....	2,555								
Birmingham city.....	132,685	38,415	26,178	Hot Springs city.....	14,494	9,973	8,086	Palo Alto city.....	4,436	1,658							
<b>Arizona</b>																	
Deerstar city.....	4,228	3,114	2,765	Jonestown city.....	7,723	4,908	2,966	Pasadena city.....	30,291	9,177	4,882						
Dorhan city.....	7,016	3,275	2,477	Little Rock city.....	45,941	38,307	25,574	Petaluma city.....	5,880	3,871	3,692						
Eufaula city.....	10,452	4,332	4,294	Malvern town.....	2,778	1,582	1,520	Pomona city.....	10,917	5,326	3,634						
Flagstaff city.....	6,689	6,478	6,012	Marianna city.....	4,810	1,707	1,126	Porterville city.....	2,686								
Glendale city.....	10,557	4,282	2,901	Menard town.....	3,853	2,866	1,511	Red Bluff city.....	3,380	2,750	2,608						
<b>Arkansas</b>																	
Girard city.....	4,214	3,849		Newport town.....	3,537	2,866	1,511	Redding city.....	3,572	2,946	1,821						
Greenville city.....	3,377	3,162	2,806	Paragould city.....	5,248	3,324	1,666	Redlands city.....	10,449	4,797	1,904						
Huntsville town.....	7,211	5,068	7,969	Pine Bluff city.....	15,102	11,496	9,962	Redondo Beach city.....	2,935	853	603						
Jasper town.....	2,509	1,661	780	Prescott town.....	2,705	2,065	1,287	Richmond city.....	4,802								
Legett town.....	3,820	2,909	777	Rogers town.....	2,820	2,158	1,283	Riverside city.....	15,212	7,973	4,683						
<b>California</b>																	
Mobile city.....	51,521	38,469	31,076	Russellville city.....	2,936	1,832	1,321	Roseville city.....	2,608								
Montgomery city.....	38,136	30,346	21,883	Siaticat city.....	2,740	1,718	1,166	Sacramento city.....	44,606	29,282	26,386						
New Decatur city.....	6,118	3,667	3,565	Texarkana city.....	5,665	4,914	3,328	Salinas city.....	3,736	3,304	2,339						
Opelika city.....	4,734	4,245	3,703	Van Buren city.....	3,878	2,673	2,291	San Bernardino city.....	12,799	6,150	4,012						
Phenix City.....	4,553	4,163	3,700	<b>California</b>						San Diego city.....	39,578	17,700	16,159				
<b>Arkansas</b>																	
Setna city.....	13,649	8,713	7,622	Alameda city.....	23,383	16,464	11,165	San Francisco city.....	416,912	342,782	298,997						
Shelby city.....	4,863	3,333	2,731	Alhambra city.....	5,021			San Jose city.....	28,946	21,500	18,060						
Talladega city.....	5,854	5,056	2,983	Anheim town.....	2,628	1,456	1,273	San Leandro city.....	3,471	2,253							
Troy city.....	4,961	4,067	3,449	Bakersfield city.....	12,727	4,836	2,626	San Luis Obispo city.....	5,157	3,021	2,995						
<b>California</b>																	
Tusculooza city.....	8,407	5,094	4,215	Berkeley city.....	40,484	13,214	5,101	San Mateo city.....	4,384	1,882							
Tucson city.....	3,324	2,388	2,491	Chico city.....	4,759	2,640	2,384	San Rafael city.....	5,934	3,879	3,280						
Tulsa city.....	2,863	2,170	1,633	Colma city.....	1,199			Santa Ana city.....	8,429	4,933	3,628						
Union Springs town.....	4,653	2,684	2,949	Conona city.....	3,540	1,434	503	Santa Barbara city.....	11,669	6,867	5,864						
<b>Arizona</b>																	
Blaine city.....	9,019			Emeryville town.....	2,613	1,016	285	Santa Clara town.....	3,483	3,650	2,891						
Clifton city.....	4,574			Eureka city.....	11,845	7,227	4,858	Santa Cruz city.....	11,116	5,659	5,596						
Douglas city.....	6,437			Fresno city.....	24,892	12,470	10,818	Santa Monica city.....	7,847	3,637	1,830						
Globe city.....	7,093			Glendale city.....	2,746			Santa Rosa city.....	7,817	6,673	5,220						
Nogales town.....	5,214	1,761	1,184	Hayward town.....	4,520	4,719	942	Santa Susana city.....	4,649	1,001	623						
<b>California</b>																	
Phoenix city.....	11,134	5,544	3,132	Los Angeles city.....	319,108	102,479	50,363	Stockton city.....	22,823	17,406	14,424						
Prescott city.....	5,092	3,559	1,759	Long Beach city.....	17,809	2,252	564	Tulare city.....	2,708	2,216	2,697						
Tucson city.....	13,138	7,531	5,150	Los Angeles city.....	319,108	102,479	50,363	Vallejo city.....	11,340	7,965	6,343						
Yuma town.....	2,914			Lodi city.....	2,697			<b>Colorado</b>									
<b>Arkansas</b>																	
Argenta city.....	11,138			Long Beach city.....	17,809	2,252	564	Ventura city.....	2,945	2,470	2,320						
Arkadelphia city.....	2,745	2,739	2,455	Los Angeles city.....	319,108	102,479	50,363	Visalia city.....	9,589	6,151	5,933						
Batesville city.....	3,399	2,827	2,150	Marysville city.....	5,430	3,467	3,991	Watsonville city.....	4,446	3,528	2,149						
Byrville town.....	3,549	3,302		Merced city.....	3,102	1,969	2,009	Wheatier city.....	4,850	1,390	585						
Camden city.....	3,995	2,340	2,571	Mill Valley town.....	2,531			Woodland city.....	3,187	2,886	3,069						
<b>California</b>																	
Conway city.....	2,794	2,003	1,207	Moderato city.....	4,004	2,029	2,462	<b>Colorado</b>									
El Dorado city.....	4,202	1,069	455	Monrovia city.....	3,574	1,203	907	Alamosa town.....	3,013	1,141	973						
Eureka Springs city.....	2,228	3,572	3,706	Monterey city.....	4,923	1,748	1,662	Boulder city.....	9,589	6,150	5,300						
Fortville city.....	4,471	4,611	2,843	Napa city.....	5,791	4,036	4,384	Canon City.....	5,362	3,825	2,822						
Fordyce city.....	2,724	1,710	880	Neveda city.....	2,689	3,250	2,525	Colorado City.....	4,333	2,914	1,788						
<b>California</b>																	
<b>Colorado</b>																	

<sup>1</sup> Joint population of Texarkana city, Miller County, Ark., and Texarkana city, Bowie County, Tex.: 1910, 15,445; 1900, 10,176; 1890, 6,380.



POPULATION OF CITIES.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

TABLE 28—Con.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Illinois—Con.</b>											
Bloomington city.....	29,768	23,286	20,484	Monmouth city.....	9,128	7,400	5,936	Columbus city.....	8,813	8,130	6,719
Bine Island village.....	8,043	6,114	5,329	Morgan Park village.....	5,694	5,229	4,627	Connersville city.....	7,738	6,836	4,548
Briarport city.....	2,932	2,487	2,154	Morris city.....	4,523	4,473	4,523	Crawfordsville city.....	5,371	6,049	6,699
Bushnell city.....	2,619	2,490	2,314	Mount City.....	2,837	2,705	2,705	Crown Point town.....	2,526	2,326	1,907
Carmi city.....	14,548	12,566	10,324	Mount Carmel city.....	6,934	4,111	3,376	Decatur city.....	4,271	4,242	3,142
Canton city.....	10,433	6,564	5,604	Mount Olive village.....	3,501	2,815	1,966	Dunkirk city.....	3,031	3,187	1,024
Cardonville city.....	5,451	3,318	2,382	Mount Vernon city.....	8,007	5,263	3,283	East Chicago city.....	19,098	15,411	12,255
Carlinville city.....	5,616	3,502	2,293	Murphysboro city.....	7,488	6,463	3,880	Elkhart city.....	19,282	15,184	11,360
Carrollville city.....	2,833	2,939	2,785	Naperville city.....	3,449	2,029	2,216	Elwood city.....	11,028	12,950	2,284
.....	2,971	1,749	969	Normal city.....	4,024	3,795	3,459	Evansville city.....	69,647	59,007	50,756
Centralia city.....	9,680	6,721	4,763	North Chicago city.....	3,306	1,150	.....	Fairmount town.....	2,306	3,205	1,462
Champaign city.....	12,421	9,098	5,839	Oak Park village.....	19,444	.....	.....	Frankfort city.....	8,634	7,100	5,919
Charleston city.....	5,884	5,488	4,135	Olney city.....	5,011	4,290	3,831	Franklin city.....	4,502	4,005	3,761
Chester city.....	2,478	2,832	2,508	Ottawa city.....	9,535	10,588	10,588	Garrett city.....	4,149	5,910	2,777
Chicago city.....	2,183,283	1,698,575	1,079,850	Pana city.....	6,056	5,534	5,077	Gary city.....	16,802	.....	.....
Chicago Heights city.....	14,525	5,100	.....	Paris city.....	7,654	6,105	4,996	East City.....	3,224	.....	.....
Cicero town.....	10,587	16,316	10,304	Patton city.....	2,912	3,036	2,187	Goshen city.....	8,514	7,810	6,033
Clinton city.....	3,168	4,452	2,598	Peoria city.....	9,897	8,423	6,347	Greencastle city.....	3,790	3,461	4,390
Coal City.....	2,667	2,667	1,672	Peoria city.....	66,500	56,100	41,024	Greenfield city.....	4,453	4,488	3,100
Collinsville city.....	7,478	4,921	3,498	Peru city.....	7,984	6,863	5,530	Greensburg city.....	5,420	5,084	3,596
Danville city.....	27,871	16,354	11,491	Petersburg city.....	2,587	2,807	2,342	Hammond city.....	20,925	12,376	6,428
Decatur city.....	31,149	29,754	16,841	Pineknob city.....	2,722	2,357	1,298	Harford City.....	6,187	5,912	2,287
DeKalb city.....	5,162	5,904	2,579	Pontiac city.....	6,050	4,266	2,784	Huntington city.....	3,272	4,991	3,328
Dixon city.....	7,216	7,917	5,161	Portland city.....	3,194	.....	.....	Indianapolis city.....	233,630	169,164	103,336
Downers Grove village.....	2,601	2,103	900	Princeton city.....	4,131	4,023	3,396	.....	3,285	.....	.....
Duquoin city.....	5,454	4,353	4,052	Quincy city.....	36,587	36,232	31,494	Jasonville town.....	10,411	10,722	10,666
East Moline city.....	2,665	.....	.....	Rochelle city.....	3,803	1,683	1,357	Kendallville city.....	4,981	3,354	2,960
East St. Louis city.....	58,657	29,655	15,146	Robinson city.....	2,759	2,073	1,737	Kokomo city.....	17,010	10,669	5,261
Edwardsville city.....	2,014	4,157	2,561	Rock Island city.....	4,657	4,176	3,819	.....	20,476	18,116	16,483
Effingham city.....	3,898	3,774	3,260	Rock Island city.....	24,355	19,493	13,634	Laporte city.....	16,525	7,113	7,126
Elkhart city.....	3,366	1,445	.....	Rockford city.....	45,401	31,051	23,584	Lawrenceburg city.....	5,474	4,403	4,284
Elgin city.....	25,976	22,443	17,823	St. Charles city.....	4,046	2,675	1,690	Lebanon city.....	3,930	4,465	3,692
Evansville city.....	24,978	19,239	12,833	Salem city.....	2,669	1,642	1,493	Linton city.....	3,900	3,471	3,021
Farmington city.....	2,533	2,187	2,187	Savanna city.....	3,691	3,325	3,097	Logansport city.....	19,650	16,294	13,328
Flora city.....	2,704	2,311	1,695	Shelbyville city.....	3,590	3,546	3,162	Madison city.....	6,334	7,835	8,986
Forest Park village.....	6,994	4,085	.....	Shelbyville city.....	3,969	3,941	3,167	Marion city.....	19,359	17,347	8,769
Freeport city.....	17,567	16,268	10,339	Spring Valley city.....	7,035	2,144	1,823	Martinsville city.....	4,329	4,038	2,090
Galesburg city.....	4,835	5,005	5,633	Springfield city.....	51,678	34,159	24,943	.....	4,073	14,754	10,677
Galesburg city.....	22,689	18,407	15,264	Stanton city.....	5,948	2,786	2,209	Mishawaka city.....	11,888	5,660	3,371
Geneseo city.....	3,199	3,536	3,162	.....	.....	.....	.....	.....	.....	.....	
Granite city.....	9,903	3,122	.....	Sterling city.....	7,467	6,309	5,824	Montpelier city.....	2,786	3,405	888
Greenville city.....	3,178	2,504	1,588	Streator city.....	14,223	14,079	11,414	Mount Vernon city.....	5,563	5,132	4,705
Harrisburg city.....	3,309	2,202	1,729	Sullivan city.....	2,621	2,999	1,468	Muncie city.....	24,065	20,942	11,545
Harvard city.....	3,608	2,602	1,967	Sycamore city.....	3,926	3,653	2,987	New Albany city.....	20,429	20,628	21,059
Harvey city.....	7,727	5,395	.....	Taylorville city.....	5,446	4,248	2,829	New Castle city.....	9,646	3,406	6,697
Havana city.....	3,525	3,268	2,225	Upper Alton city.....	2,918	2,373	1,803	Noblesville city.....	5,073	4,792	3,654
Herrin city.....	6,861	1,559	.....	Urbana city.....	8,245	5,275	3,511	North Vernon city.....	2,915	2,823	2,012
Highland city.....	2,675	1,970	1,857	Vandalia city.....	2,974	2,605	2,144	Peru city.....	10,910	8,463	7,628
Highland Park city.....	2,209	2,806	2,163	Venice city.....	3,718	2,450	932	Plymouth city.....	3,838	3,656	2,743
Hillsboro city.....	3,424	1,937	.....	Virden city.....	4,000	2,280	1,610	Portland city.....	5,130	4,798	3,725
Hoopeston city.....	4,698	3,823	1,911	Waukegan city.....	16,069	9,426	4,915	Princeton city.....	6,448	6,041	3,076
Hockleyville city.....	15,326	15,078	12,535	West Hammond village.....	4,948	2,655	.....	Richmond city.....	22,324	18,226	16,608
Jerseyville city.....	4,113	3,317	3,207	White Hall village.....	1,667	1,663	1,663	Rochester city.....	3,366	4,187	4,467
Johnston city.....	3,787	.....	.....	Wheaton city.....	3,423	2,435	1,622	Rockport city.....	2,726	2,882	2,314
Jonestown city.....	34,670	29,353	25,264	White Hall city.....	2,854	2,030	1,941	Rushville city.....	4,938	4,541	3,475
Kankakee city.....	13,986	13,595	9,025	Wilmette village.....	4,943	2,300	1,458	Seymour city.....	6,305	6,445	4,537
Kewanee city.....	9,207	8,282	4,929	Winnetka village.....	3,168	1,833	1,079	Shelbyville city.....	9,500	7,109	6,853
La Grange village.....	5,282	3,969	2,314	Woodstock city.....	4,331	2,802	1,668	South Bend city.....	38,064	38,699	21,819
La Salle city.....	11,337	10,446	9,855	Zion City.....	4,789	.....	.....	Sullivan city.....	4,115	3,118	2,222
Lake Forest city.....	3,349	2,215	1,309	<b>Indiana</b>			Tell City.....	3,369	2,680	2,094	
Lawrenceville city.....	3,235	1,300	865	Alexandria city.....	5,696	7,221	715	Terr Haute city.....	58,157	36,673	30,217
Lebanon city.....	10,825	8,969	6,725	Anderson city.....	22,476	20,175	10,741	Tipton city.....	4,073	14,754	10,677
Litchfield city.....	2,571	5,918	5,811	Anderson city.....	2,918	2,519	2,141	Union City 1.....	3,209	2,716	2,681
Lockport city.....	5,955	2,659	2,449	Attica city.....	3,333	3,005	3,230	Valparaiso city.....	6,987	6,280	5,090
Macomb city.....	5,774	5,375	4,052	Auburn city.....	3,919	3,396	2,415	Vincennes city.....	14,955	10,249	8,833
Madison village.....	5,046	1,979	865	Aurora city.....	4,410	3,645	3,929	Wabash city.....	8,657	8,618	6,105
Marion city.....	7,063	2,291	1,325	Bedford city.....	8,716	6,115	3,351	Warsaw city.....	4,430	3,222	3,574
Marseilles city.....	2,569	2,559	2,210	Bloomington city.....	8,838	6,460	4,018	Washington city.....	7,854	5,821	6,054
Marshall city.....	2,201	2,977	1,900	Bluffton city.....	4,987	4,479	3,589	West Lafayette town.....	3,867	2,302	1,242
Mattoon city.....	11,456	9,622	6,833	Boonville city.....	3,934	2,849	1,881	West Terre Haute town.....	3,683	651	.....
Maywood village.....	8,033	4,532	.....	Bradley city.....	9,340	7,786	5,905	Whiting city.....	6,587	3,983	1,408
Metroe Park village.....	4,806	2,892	.....	Clair city.....	3,270	2,742	2,692	Winchester city.....	4,306	3,705	3,014
Menasha city.....	4,806	2,892	.....	Clinton city.....	6,229	5,918	1,365	<b>Iowa</b>			
Metropolis city.....	4,655	4,069	3,573	Columbia city.....	3,448	2,975	3,027	Albia city.....	4,969	2,889	2,359
Moline city.....	24,199	17,248	12,006	.....	.....	.....	Algona city.....	2,908	2,911	2,068	

1 Joint population of Union City, Randolph County, Ind., and Union City village, Darke County, Ohio: 1910, 4,804; 1900, 3,998; 1890, 3,974.



POPULATION OF CITIES.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.				CITY, TOWN, VILLAGE, OR BOROUGH.				CITY, TOWN, VILLAGE, OR BOROUGH.						
CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890			
<b>Maryland—Con.</b>														
Crisfield town.....	3,468	3,165	1,565	<b>Massachusetts—Con.</b>										
Adams town.....	21,839	17,128	12,729	Manchester town.....	2,473	2,322	1,788	<b>Michigan</b>						
Easton town.....	3,083	3,074	2,839	Mansfield town.....	5,183	4,006	3,432	Adrian city.....	10,763	9,654	8,756			
Frederic city.....	10,113	9,286	8,183	Marblehead town.....	7,338	7,382	8,202	Albion city.....	5,843	4,919	3,763			
Frostburg town.....	6,028	5,274	3,804	Marlborough city.....	14,378	13,578	10,758	Albion city.....	5,419	5,267	2,669			
Hagerstown city.....				16,507	13,591	10,118	Medford town.....	3,466	2,926	1,483	Alma city.....	2,735	2,352	1,283
Havre de Grace city.....				4,212	3,423	3,244	Medford city.....	23,150	18,244	11,079	Alpena city.....	12,706	11,862	11,283
Salisbury town.....				6,990	4,277	2,964	Melrose city.....	2,096	2,761	2,085	Ann Arbor city.....	14,817	11,509	9,431
Westport town.....				2,702	1,538	1,038	Methuen town.....	11,418	7,512	4,814	Battle Creek city.....	25,267	18,563	13,197
Westminster city.....				3,395	3,199	2,903	Middleborough town.....	8,214	6,885	6,065	Bay City.....	45,166	27,268	27,839
<b>Massachusetts</b>														
Abington town.....	5,435	4,489	4,260	Milford town.....	13,055	11,376	8,780	Belding city.....	4,119	3,282	2,800			
Adams town.....	13,026	11,134	9,213	Milwaukie town.....	4,740	4,460	4,420	Benton Harbor city.....	9,185	6,962	3,692			
Agawam town.....	3,501	2,536	2,352	Milton town.....	7,224	6,378	4,275	Bessemer city.....	4,583	3,911	2,565			
Amesbury town.....	9,894	9,473	9,798	Monkton town.....	4,738	3,402	3,650	Big Rapids city.....	4,519	4,686	5,363			
Amherst town.....	5,115	5,028	4,343	Monsieville town.....	6,866	6,150	6,296	Bozette city.....	5,218	4,121	3,662			
Andover town.....	7,301	6,813	6,142	Montpelier town.....	2,962	3,006	3,268	Bozette city.....	8,375	5,997	4,461			
Atkinson town.....	11,187	8,603	5,029	Morristown town.....	9,866	9,488	9,118	Bozette city.....	4,889	4,692	3,867			
Athol town.....	8,536	7,961	6,319	Morrisville town.....	5,026	4,016	3,035	Bozette city.....	6,856	6,469	6,235			
Attleborough town.....	16,215	11,365	6,577	Morrisville town.....	96,632	62,442	40,733	Caldwell city.....	5,945	6,216	5,247			
Ayer town.....	2,789	2,185	1,846	Morrisville town.....	14,949	14,478	13,947	Crystal Falls city.....	3,775	3,231	2,211			
Barnstable town.....	4,676	4,364	4,025	Morrisville town.....	22,019	24,287	24,479	Detroit city.....	465,766	285,704	205,870			
Barnstable town.....	2,937	2,029	2,239	Morrisville town.....	5,529	4,843	5,742	Dowagiac city.....	5,988	4,151	2,806			
Belmont town.....	5,542	3,929	2,098	Morrisville town.....	9,562	7,253	6,727	East Jordan village.....	2,516	1,205	731			
Beverly city.....	10,530	13,844	13,844	Morrisville town.....	39,876	33,587	24,779	Escanaba city.....	18,194	14,548	9,808			
Billerica town.....	2,789	2,775	2,380	Morrisville town.....	22,019	24,287	24,479	Flint city.....	38,530	19,103	6,838			
Blackstone town.....	5,648	5,721	6,138	Morrisville town.....	5,529	4,843	5,742	Gladstone city.....	4,211	3,380	1,837			
Boston city.....	670,385	560,892	448,477	Morrisville town.....	8,407	7,036	6,671	Grand Haven city.....	8,586	4,743	5,023			
Braintree town.....	8,066	8,981	4,848	Morrisville town.....	2,544	1,836	1,783	Grand Ledge city.....	2,893	2,161	1,606			
Bridgewater town.....	7,688	7,463	6,983	Morrisville town.....	8,014	5,490	5,733	Grand Rapids city.....	112,517	87,565	60,278			
Brookfield town.....	5,678	5,063	27,294	Morrisville town.....	5,282	5,320	4,568	Greenville city.....	4,045	3,381	3,056			
Brookline town.....	27,792	19,935	12,103	Morrisville town.....	37,361	37,801	37,879	Hamtramck village.....	3,569	3,000	1,772			
Cambridge city.....	104,839	91,820	70,028	Morrisville town.....	8,610	7,801	6,520	Hastings city.....	5,033	3,172	2,972			
Canterbury town.....	4,797	4,584	4,538	Morrisville town.....	15,721	11,323	10,158	Hillsdale Park village.....	5,101	4,271	4,157			
Canterbury town.....	24,083	24,083	24,083	Morrisville town.....	3,707	3,053	3,701	Hingham city.....	4,620	4,351	3,915			
Chelsea city.....	32,452	34,072	33,098	Morrisville town.....	32,121	21,766	17,281	Hingham city.....	10,690	7,949	6,845			
Chillicothe city.....	25,401	19,167	14,050	Morrisville town.....	12,141	11,311	11,311	Houghton village.....	5,113	3,359	2,062			
Clinton town.....	13,073	13,667	10,424	Morrisville town.....	4,369	4,247	4,642	Ionia city.....	5,030	5,209	4,682			
Coahasset town.....	2,583	2,719	2,446	Morrisville town.....	32,642	23,899	16,723	Iron Mountain city.....	9,216	9,242	8,099			
Coconut town.....	3,268	3,084	2,885	Morrisville town.....	4,211	4,082	4,087	Inwood city.....	12,821	9,705	7,745			
Dalton town.....	3,568	3,014	2,485	Morrisville town.....	4,301	4,301	4,301	Isenheim village.....	1,599	1,187	1,187			
Danvers town.....	4,907	8,542	7,454	Morrisville town.....	5,818	4,969	4,088	Jackson city.....	31,433	25,180	20,798			
Dartmouth town.....	4,678	3,669	3,122	Morrisville town.....	18,219	10,395	5,668	Kalamazoo city.....	39,437	24,494	17,853			
Dehnam town.....	9,284	7,457	7,124	Morrisville town.....	6,928	5,327	5,213	Lansing city.....	31,229	16,485	13,102			
Dracut town.....	3,961	3,753	1,906	Morrisville town.....	4,211	4,082	4,087	Lansing city.....	9,946	3,297	2,753			
Dudley town.....	4,267	553	2,944	Morrisville town.....	49,697	35,896	30,801	Lansing city.....	8,857	5,648	1,159			
East Bridgewater town.....	3,363	3,025	2,911	Morrisville town.....	8,047	5,084	3,673	Lansing city.....	9,132	7,166	7,517			
Easthampton town.....	8,524	6,263	4,755	Morrisville town.....	2,798	2,241	2,106	Manistee city.....	12,281	14,200	12,812			
Easton town.....	34,484	24,336	11,668	Morrisville town.....	77,236	61,843	40,152	Manistique city.....	4,723	4,126	2,940			
Everett town.....	5,139	4,837	4,493	Morrisville town.....	12,962	10,025	7,655	Marine city.....	3,770	3,829	3,268			
Fairhaven town.....	5,122	3,567	2,919	Morrisville town.....	4,894	4,326	3,261	Marquette city.....	11,533	10,058	9,993			
Fall River city.....	119,295	104,863	74,398	Morrisville town.....	6,740	7,627	8,747	Marshall city.....	4,268	4,370	3,968			
Falmouth town.....	3,744	3,500	2,567	Morrisville town.....	88,926	62,059	44,179	Manistee city.....	10,507	12,218	10,630			
Fitchburg city.....	22,053	22,053	22,053	Morrisville town.....	7,090	6,197	6,115	Marquette city.....	10,507	12,218	10,630			
Foxborough town.....	3,863	3,266	2,933	Morrisville town.....	6,216	4,442	3,316	Marquette city.....	6,893	5,043	5,258			
Framingham town.....	12,948	11,302	9,299	Morrisville town.....	3,078	3,328	3,180	Marquette city.....	7,707	6,576	4,748			
Franklin town.....	5,641	5,017	4,831	Morrisville town.....	6,204	4,548	3,198	Marquette city.....	5,972	5,662	2,701			
Gardner town.....	14,699	10,873	8,424	Morrisville town.....	2,939	3,136	2,548	Memphis city.....	2,922	2,014	1,636			
Gaughey town.....	26,121	24,651	24,651	Morrisville town.....	3,736	3,489	2,999	Michigan city.....	24,062	20,818	22,762			
Greatton town.....	5,705	4,869	5,092	Morrisville town.....	3,683	3,790	3,019	Michigan city.....	8,460	6,935	6,078			
Great Barrington town.....	5,926	5,854	4,612	Morrisville town.....	4,671	3,599	3,408	Niles city.....	4,156	4,287	4,197			
Greenfield town.....	4,127	3,927	5,252	Morrisville town.....	11,464	9,290	6,982	Norway city.....	5,974	4,870	4,197			
Hardwick town.....	3,524	2,208	2,922	Morrisville town.....	4,892	3,572	2,604	Onaway city.....	2,202	1,204	.....			
Haverhill city.....	44,443	37,173	27,412	Morrisville town.....	27,834	28,481	18,707	Onaway city.....	2,202	1,204	.....			
Hingham town.....	4,965	5,059	4,564	Morrisville town.....	8,729	8,729	8,729	Oroquois city.....	4,738	5,285	2,872			
Holbrook town.....	2,816	2,229	2,474	Morrisville town.....	4,102	3,432	3,451	Pontiac city.....	14,552	9,769	6,900			
Holyoke town.....	2,711	2,598	2,619	Morrisville town.....	4,188	4,417	4,681	Port Huron city.....	18,863	19,175	13,543			
Hudson city.....	45,712	35,637	24,670	Morrisville town.....	12,875	10,706	7,031	Red Jacket village.....	4,211	4,938	3,073			
Hudson town.....	6,743	5,454	4,619	Morrisville town.....	5,413	5,072	3,600	River Springs village.....	4,161	1,748	.....			
Hyde Park town.....	15,344	13,244	10,193	Morrisville town.....	9,224	7,105	5,077	Saginaw city.....	50,210	42,345	46,322			
Ipswich town.....	5,507	4,658	4,439	Morrisville town.....	5,446	5,409	5,185	St. Clair city.....	2,633	2,643	2,353			
Lawrence city.....	85,892	62,559	44,654	Morrisville town.....	2,851	2,624	2,250	St. Joseph city.....	3,154	3,388	3,127			
Leicester town.....	6,356	5,596	5,266	Morrisville town.....	2,829	2,628	2,269	St. Joseph city.....	5,836	5,538	5,733			
Leicester town.....	3,237	3,516	3,120	Morrisville town.....	12,885	11,324	10,806	St. Mary city.....	12,116	10,378	5,789			
Lenox town.....	3,090	2,942	2,869	Morrisville town.....	7,292	6,155	4,441	St. Haven city.....	3,577	4,009	1,624			
Leominster town.....	17,580	12,392	7,289	Morrisville town.....	3,708	5,013	4,221	Sturgis city.....	3,635	2,665	2,489			
Lexington town.....	4,918	4,831	3,197	Morrisville town.....	5,050	4,578	3,900	Three Rivers city.....	5,072	3,550	3,331			
Lowell city.....	104,294	77,660	60,000	Morrisville town.....	9,309	7,248	4,861	Traverse City.....	12,115	9,407	4,333			
Ludlow town.....	4,948	3,866	1,939	Morrisville town.....	10,322	6,058	2,726	Wadonville city.....	5,827	5,217	2,817			
Lynn city.....	89,336	68,313	55,727	Morrisville town.....	15,308	14,254	15,479	Wadonville city.....	6,290	4,778	6,129			
Malden city.....	44,404	33,664	23,031	Morrisville town.....	145,986	118,421	84,653	Ypsilanti city.....	6,290	4,778	6,129			

## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con. CITY, TOWN, VILLAGE, OR BOROUGH.			CITY, TOWN, VILLAGE, OR BOROUGH.			CITY, TOWN, VILLAGE, OR BOROUGH.			CITY, TOWN, VILLAGE, OR BOROUGH.		
1910	1900	1890	1910	1900	1890	1910	1900	1890	1910	1900	1890
<b>Minnesota</b>											
Albert Lea city.....	6,192	4,500	3,305								
Anda city.....	3,918	4,669	4,252								
Brainerd city.....	3,972	3,769	4,252								
Austin city.....	6,960	5,474	3,901								
Bemidji city.....	5,099	2,183									
Brainerd city.....	7,526	7,524	5,703								
Chatham village.....	2,884	3,072	2,530								
Cloquet city.....	8,031	3,072	2,530								
Crookston city.....	7,559	5,559	3,457								
Detroit city.....	2,907	3,533	3,457								
Duluth city.....	78,406	52,969	33,115								
East Grand Forks city.....	2,533	2,077	785								
Ely city.....	3,572	3,717	901								
Eveleth city.....	7,036	2,232									
Farmington city.....	2,408	3,440	1,205								
Faribault city.....	9,001	7,968	6,520								
Fergus Falls city.....	6,887	6,072	3,772								
Hastings city.....	3,983	3,811	3,705								
Hibbing village.....	8,832	2,981									
Little Falls city.....	3,142	2,744	2,128								
Lake City.....	6,078	5,774	2,354								
Luverne city.....	2,549	2,223	1,466								
Manakota city.....	10,365	10,599	8,838								
Metrois city.....	2,591	1,768	790								
Minneapolis city.....	301,408	202,718	164,738								
Montevideo city.....	3,056	2,146	1,437								
Moorehead city.....	4,849	3,720	2,088								
New Ulm city.....	5,548	5,403	3,741								
Norshield city.....	2,591	2,569	2,120								
Owatonna city.....	5,658	5,561	3,849								
Red Wing city.....	9,048	7,525	6,294								
Richfield village.....	2,673	2,673	2,673								
Rochester city.....	10,649	6,843	5,321								
St. Cloud city.....	10,649	8,663	7,686								
St. Paul city.....	214,744	163,065	133,156								
St. Peter city.....	4,176	4,302	3,671								
South St. Paul city.....	4,510	2,322	2,242								
Staples city.....	2,345	2,322	2,242								
Staples city.....	10,198	12,318	11,200								
Thief River Falls city.....	3,714	1,819	191								
Two Harbors city.....	4,900	3,278									
Virginia city.....	10,473	2,962									
Washita city.....	2,622	2,622	2,622								
Wassena city.....	3,654	3,103	2,482								
West Minneapolis vil- lage.....	3,022	1,648									
West St. Paul city.....	2,669	1,830	1,596								
Wilmart city.....	4,135	3,409	1,852								
Wimona city.....	18,583	19,714	18,208								
<b>Mississippi</b>											
Aberdeen city.....	3,778	3,434	3,449								
Bay St. Louis city.....	8,089	8,272	1,374								
Biloxi city.....	3,849	5,467	3,234								
Brookhaven city.....	5,542	3,288	2,242								
Canton city.....	5,529	3,494	2,131								
Clarksdale city.....	4,079	7,773	781								
Collins city.....	2,381	2,381	2,381								
Columbus city.....	6,028	6,484	4,659								
Cordoba city.....	5,029	3,661	2,111								
Greenville city.....	9,610	7,642	6,668								
Greenwood city.....	5,936	3,626	1,055								
Grenada city.....	2,314	2,568	2,416								
Gulfport city.....	11,386	1,060	1,060								
Hattiesburg city.....	6,735	4,915	1,172								
Jackson city.....	21,820	17,816	12,820								
Laurel city.....	4,465	3,193	2,832								
McComb city.....	6,237	4,477	2,383								
Meridian city.....	23,295	14,050	10,624								
Miss Point city.....	3,054	3,054	3,054								
Natchez city.....	11,791	12,210	10,101								
Okolona city.....	2,584	2,177	2,009								
PascAGO city.....	3,379	3,708	3,708								
Starke city.....	1,998	1,998	1,998								
Tupelo city.....	3,881	2,138	1,477								
Vicksburg city.....	20,814	14,534	15,737								
Water Valley city.....	4,525	3,813	3,813								
West Point city.....	4,864	3,193	2,762								
Wimona city.....	2,512	2,455	1,648								
Yazoo city.....	6,796	4,944	3,286								
<b>Missouri</b>											
Aurora city.....	4,148	6,191	3,482								
Brookfield city.....	5,769	4,377	4,144								
Brookfield city.....	5,149	5,884	4,547								
Butler city.....	2,884	3,168	2,812								
Cameron city.....	5,969	2,979	2,947								
<b>Missouri—Con.</b>											
Carpe Girardeau city.....	8,475	4,415	4,297								
Carrollton city.....	4,452	8,814	3,778								
Cave City.....	4,539	4,445	2,854								
Cartmagen city.....	9,483	9,416	7,981								
Caruthersville city.....	3,655	2,915	2,915								
Charleston city.....	3,144	1,863	1,381								
Chatham city.....	6,263	6,916	6,916								
Clinton city.....	4,922	5,061	4,737								
Columbia city.....	9,622	6,351	4,000								
De Soto city.....	4,721	4,721	4,721								
Eldorado Springs city.....	2,503	2,197	1,543								
Excelsior Springs city.....	3,900	1,881	2,034								
Farmington city.....	2,613	1,778	1,394								
Fayette city.....	2,586	2,717	2,247								
Fidelity.....	2,556	1,256	1,335								
Flat River city.....	5,112	5,112	5,112								
Fredericktown city.....	2,632	1,577	917								
Fulton city.....	5,228	8,883	4,314								
Hannibal city.....	18,741	12,780	12,857								
Higginsville city.....	2,628	2,791	2,342								
Independence city.....	9,859	6,974	6,380								
Jefferson City.....	11,850	9,664	6,742								
Joplin city.....	32,073	26,623	9,943								
Keosauqua city.....	295,381	163,752	132,716								
Kennett city.....	3,033	1,569	302								
Kirkwood city.....	6,947	5,966	3,510								
Kirkwood city.....	4,171	2,835	1,777								
Lexington city.....	5,242	4,190	4,537								
Linn city.....	2,407	2,407	2,407								
Louisiana city.....	4,454	1,131	5,090								
Macon city.....	3,584	4,068	3,371								
Maplewood city.....	4,976	2,688	1,971								
Marionette city.....	3,929	3,686	3,686								
Marshall city.....	2,400	1,257	1,257								
Maryville city.....	4,702	4,577	4,037								
Mexico city.....	5,099	5,099	4,789								
Moebly city.....	10,923	8,012	8,215								
Monett city.....	2,145	1,415	1,415								
Norsho city.....	3,661	2,225	2,198								
Nevada city.....	7,176	4,401	7,262								
Poplar Bluff city.....	6,916	7,321	2,187								
Rich Hill city.....	2,755	4,083	4,008								
Riverside city.....	3,695	2,778	2,778								
St. Charles city.....	9,477	9,982	6,161								
St. Joseph city.....	77,403	102,979	82,324								
St. Louis city.....	687,029	575,238	451,770								
Sedalia city.....	17,822	15,211	14,068								
Sikeston city.....	3,327	1,677	636								

POPULATION OF CITIES.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

(This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.)

CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890		
<b>New Jersey—Con.</b>													
Irvington town.....	11,877	5,255		Canton village.....	2,701	2,757	2,280	Nyack village.....	4,619	4,275	4,111		
Jersey City.....	267,779	206,433	163,003	Carthage village.....	3,503	2,895	2,278	Oranburg city.....	15,933	12,633	11,662		
Keansy town.....	16,659	10,896		Catskill village.....	3,296	5,484	4,920	Oleas city.....	14,743	9,462	7,338		
Plain borough.....	3,554	3,411		Clarkstown village.....	1,508	1,567	1,504	Oswego city.....	8,747	8,844	6,047		
Lanternville city.....	4,657	4,637	4,142	Coloas city.....	24,709	23,910	22,209	Onontsita city.....	9,491	7,147	6,272		
Little Ferry borough.....	2,541	1,949	781	Cold Springs village.....	2,549	2,067	1,603	Ossining village.....	11,450	7,939	9,332		
Loch borough.....	4,138	1,917	998	Corning city.....	13,730	11,061	8,520	Oswego city.....	23,368	22,199	21,842		
Long Branch city.....	13,298	8,872	7,231	Corwall village.....	2,658	1,966	1,604	Owego village.....	4,633	5,039			
Madison borough.....	4,658	3,754	2,469	Corland city.....	11,590	9,014	8,590	Pack Horse village.....	5,824	5,026			
Millville city.....	12,451	10,583	10,002	Dansville village.....	3,938	3,633	3,758	Peckskill village.....	15,245	10,358	9,676		
Montclair town.....	21,550	13,962		Depew village.....	3,921	3,379	2,939	Penn Yan village.....	4,597	4,650	4,254		
Morris town.....	12,507	11,267	8,156	Dobbs Ferry village.....	3,455	2,888	2,083	Perry village.....	11,358	8,763	1,528		
New Brunswick city.....	25,348	20,096	18,003	Doleville village.....	6,685	5,915	5,142	Plattsburg city.....	13,158	8,434	7,010		
Newark city.....	347,499	246,978	181,830	Dunkirk city.....	17,221	11,616	9,416	Port Chester village.....	12,809	7,460	5,274		
Newton town.....	4,497	4,376	3,063	East Aurora village.....	2,781	2,366	1,282	Port Jervis city.....	9,604	9,383	9,327		
<b>North Plainfield borough.</b>													
North Plainfield borough.....	6,117	5,009		East Syracuse village.....	3,274	2,509	2,251	Potsdam village.....	6,936	3,843	3,961		
Notley town.....	6,009			Ellenville village.....	3,114	2,879	2,281	Poughkeepsie city.....	27,326	24,029	22,206		
Orange town.....	29,620	24,141	18,844	Elmira city.....	37,176	33,672	30,803	Kensselsville city.....	10,711	7,460	7,301		
Passaic city.....	54,773	37,777	13,028	Elma Heights village.....	7,232	1,763		Rochester city.....	218,149	162,698	139,396		
Paterson city.....	125,600	105,171	78,347	Fairport village.....	3,112	2,489	2,532	Rockville Center village.....	3,667	1,884			
Perth Amboy city.....	32,121	17,699	9,512	Fishkill Landing village.....	3,902	3,673	3,617	Rome city.....	20,497	15,343	14,991		
Phillipsburg town.....	19,903	10,932	8,644	Fort Edward village.....	3,702	3,321	3,211	Rye village.....	29,468	14,968	1,969		
Plainfield town.....	20,597	15,093		Fort Plain village.....	5,702	4,444	3,564	Sag Harbor village.....	4,468	1,969			
Pleasantville borough.....	4,390	2,182		Frankfort village.....	3,303	2,654	2,291	St. Johnsville village.....	2,536	1,873	1,263		
Princeton borough.....	1,136	3,899	3,422	Fredonia village.....	5,285	4,127	3,299	Salamanca village.....	7,924	4,251	3,692		
Prospect Park borough.....	2,719			Freeport village.....	4,836	2,612	2,612	Saranac Lake village.....	4,983	2,594	768		
Railway city.....	3,567	3,233	1,105	Geneva city.....	12,446	10,560	11,433	Saratoga Springs village.....	12,603	12,409	11,975		
Raritan town.....	3,672	3,244	2,556	Glens Falls city.....	15,243	12,613	9,969	Saugerties village.....	3,929	3,097	4,237		
Red Bank borough.....	7,208	5,428	4,145	Gloversville city.....	20,642	18,549	15,864	Schenectady city.....	72,367	31,083	19,902		
Ridgewood village.....	5,436	5,283	1,947	Gothen village.....	3,981	2,826	2,907	Scotia village.....	2,929				
Roosevelt borough.....	5,178			Greenport village.....	6,620	4,458	3,422	Seneca Falls village.....	6,588	6,319	6,116		
Roseton village.....	7,755	1,652	996	Greenville village.....	3,029	2,700	2,505	Sidney village.....	2,507	2,331	1,358		
Roselle Park borough.....	3,386			Green Island village.....	4,737	4,470	4,463	Silver Creek village.....	2,512	1,944	1,678		
Rutherford borough.....	7,045	4,411	2,263	Greenport village.....	5,089	2,366		Solvay village.....	5,493	4,893	563		
Salem city.....	6,614	5,811	5,516	<b>Hastings-upon-Hudson</b>			5,552	2,002	1,467	Suffern village.....	2,663	1,619	
Seaneas borough.....	4,740	1,626		Patton city.....	10,480	8,200	2,033	Syracuse city.....	137,249	108,374	88,143		
Somerville borough.....	7,907	6,842	4,330	Haverstraw village.....	5,669	5,935	5,570	Tarrytown village.....	5,600	4,720	3,562		
South Amboy city.....	6,004	6,349	4,300	Hempstead village.....	4,964	3,582	4,831	Tonawanda city.....	6,600	7,421	5,826		
South Orange village.....	4,414	4,088	3,106	Hempstead village.....	7,520	5,920	5,920	Troy city.....	76,813	60,651	69,956		
South River borough.....	6,072	7,796	1,796	Homesburg village.....	2,696	2,381		Tuckahoe village.....	2,722				
Summit city.....	7,200	5,202		Horsick Falls village.....	5,532	5,671	7,014	Tupper Lake village.....	3,702				
Tenafly borough.....	2,756		1,046	Hoselick city.....	13,617	11,915	10,916	Utica city.....	74,419	56,383	44,067		
Trenton city.....	96,815	73,307	57,438	Hudson city.....	11,417	9,528	9,950	Walton village.....	4,004	3,147	2,132		
Union town.....	21,023	15,187	10,643	Hudson Falls village.....	5,139	4,473	2,835	Walton village.....	3,103	2,811	2,299		
Vineland borough.....	5,282	4,370	3,822	Iliac village.....	6,588	5,138	4,027	Wappingers Falls village.....	3,195	3,504	3,718		
Wallington borough.....	3,448	1,812		Ithaca city.....	14,802	13,130	11,079	Warsaw village.....	3,296	3,048	3,120		
Washington borough.....	3,567	3,860	2,831	Jamestown city.....	31,297	22,892	16,303	Waterford village.....	3,245	3,146	3,450		
West Hoboken town.....	35,403	23,094		Johnstown city.....	10,847	10,130	7,718	Waterloo village.....	3,911	4,256	3,320		
West New York town.....	13,560	5,267		Kingston city.....	28,908	24,335	21,201	Watertown city.....	26,730	21,690	14,725		
West Orange town.....	10,980	6,889		Lackawanna city.....	14,549			Watervliet village.....	15,074	14,321	12,367		
Westfield town.....	6,429	6,899		Lancaster village.....	4,364	3,750	1,692	Watkins village.....	2,817	2,943	2,604		
Wharton borough.....	2,983	2,069		Lancaster village.....	3,771	3,144	2,743	Waverly village.....	4,812	4,325	4,435		
Woodbury city.....	4,642	4,087	3,911	Leathersville village.....	3,775	3,111	1,783	Wellsville village.....	4,382	3,566	3,425		
<b>New Mexico</b>													
Albuquerque city.....	11,020	6,238	3,785	Little Falls village.....	17,073	10,111	8,783	Westfield village.....	2,985	2,430	1,983		
Clovis city.....	2,255			Lockport city.....	17,970	16,581	10,038	White Plains village.....	15,949	7,899	4,042		
Las Cruces town.....	3,536			Lowville village.....	2,940	2,352	2,151	Whiteland village.....	5,317	4,630	4,534		
Las Vegas city (East Las Vegas P. O.).....	3,755	3,552	2,312	Lovell village.....	4,469	4,300	4,475	Yonkers city.....	79,903	47,931	32,043		
Las Vegas town.....	2,179	2,767	2,385	Lyonsville village.....	6,467	5,933	4,980	<b>North Carolina</b>					
Raton city.....	4,529	3,560	1,255	Mamaronck village.....	5,099	5,032	1,969	Asheville city.....	18,762	14,694	10,235		
Roswell city.....	5,172	2,049	3,43	Manserville village.....	6,624	6,624	6,624	Behaven town.....	2,663	2,381			
Santa Fe city.....	5,072	6,663	6,183	Masonville village.....	5,099	5,032	1,969	Burlington city.....	4,808	3,927	1,716		
Santa Rosa city.....	4,103	2,733	1,103	Medford city.....	15,313	14,522	11,975	Charlotte city.....	34,014	18,091	11,587		
Tucuman city.....	2,526			Mount Kisco village.....	2,802	1,346	1,003	Concord city.....	5,715	7,019	4,599		
<b>New York</b>													
Albany city.....	100,253	94,151	84,923	Mount Morris village.....	2,782	2,410	2,286	Durham city.....	15,241	6,679	5,485		
Albion village.....	3,686			Mount Vernon city.....	30,919	21,228	10,830	Edenton town.....	2,739	3,346			
Amityville village.....	2,317	2,038	2,293	New York City.....	4,766,883	3,437,202	2,507,414	Elizabeth City town.....	8,412	6,748	3,251		
Amersterdam city.....	31,265	30,929	17,336	Manhatten Borough.....	2,931,812	1,830,095	1,417,819	Fayetteville town.....	7,045	4,630	4,222		
Amsterdam city.....	34,668	30,245	25,858	Brooklyn Borough.....	459,880	294,407	188,699	Gaston town.....	5,799	4,010	1,083		
Babylon village.....	2,000	2,157		Brooklyn Borough.....	1,634,551	1,169,885	838,547	Goldboro city.....	2,107	2,577	4,017		
Baldwinsville village.....	3,669	2,962	3,040	Richmond Borough.....	83,969	67,071	61,635	Graham town.....	6,504	5,822	991		
Baldwin Spa village.....	4,138	3,923	3,527	Queens Borough.....	284,049	217,029	167,049	Groenbro city.....	15,895	10,035	3,317		
Batavia village.....	11,612	9,189	7,221	Newark village.....	6,227	5,473	3,698	Greenville town.....	4,101	2,365	1,837		
Bath village.....	27,884	4,994	3,261	Newburgh city.....	20,803	24,943	23,087	Henderson town.....	5,503	3,746	1,491		
Binghamton city.....	48,443	39,347	35,005	Niagara Falls city.....	30,445	19,457		Hendersonville town.....	2,818	1,917	1,216		
Brighton village.....	48,279	3,338	3,742	North Tarrytown village.....	5,421	4,941	3,179	Hickory town.....	2,188	2,535	2,023		
Buffalo city.....	423,119	332,387	255,664	North Tonawanda city.....	11,905	9,069	7,493	High Point city.....	9,152	10,313	9,023		
Canadaville village.....	7,217	6,151	5,868	North Tonawanda city.....	11,905	9,069	7,493	Kinston town.....	6,995	4,106	1,726		
Canastota village.....	2,274	3,030	2,747	Northville village.....	7,422	5,766	5,212	Lenoir town.....	3,364	1,290	673		

\* Includes population of Oswego Falls village: 1900, 2,925; 1890, 1,821.

\* Population of New York and its boroughs as now constituted.



## POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.				Table 28—Con.				Table 28—Con.			
CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Pennsylvania—Con.</b>											
Allentown city.....	51,913	35,416	25,228	Erie city.....	66,525	52,733	40,634	New Brighton borough.....	8,329	6,820	5,616
Alloua city.....	52,127	38,973	30,373	Etna borough.....	5,830	5,384	3,767	New Castle city.....	30,280	28,339	11,600
Amber borough.....	2,649	1,884	1,037	Exeter borough.....	3,557	1,948	790	New Kensington borough.....	7,707	4,665	.....
Andover borough.....	5,205	3,805	2,100	Forest City borough.....	4,829	4,829	2,319	New Philadelphia borough.....	2,512	1,326	562
Apollo borough.....	3,006	2,924	2,156	Freeland borough.....	5,749	4,279	2,319	Nerisborough.....	27,875	22,235	19,791
Archbold borough.....	7,194	5,396	4,032	Franklinville borough.....	3,118	2,594	2,520	North Braddock borough.....	11,824	6,535	.....
Ashland borough.....	6,855	6,438	7,346	Franklin city.....	9,767	7,317	6,221	North East borough.....	2,672	2,068	1,528
Ashley borough.....	5,601	4,046	3,192	Frederic borough.....	3,960	1,783	790	Northampton borough.....	8,729	.....	.....
Astoria borough.....	2,922	1,521	.....	Galatia borough.....	6,192	5,254	1,730	Oakmont borough.....	3,517	2,748	2,748
Athens borough.....	3,796	3,749	3,274	Galston borough.....	4,927	2,415	.....	Oil City borough.....	15,657	13,264	10,932
Austin borough.....	2,941	2,300	1,679	Gettysburg borough.....	3,504	2,759	2,392	Old Forge borough.....	11,234	5,530	.....
Avalon borough.....	4,317	2,130	804	Gettysburg city.....	4,030	3,495	3,221	Olyphant borough.....	8,505	6,140	4,683
Avoca borough.....	4,634	3,467	3,031	Greensburg borough.....	5,491	4,572	3,687	Parkersburg borough.....	2,522	1,788	1,514
Bangor borough.....	5,369	4,106	2,609	Greenville borough.....	5,909	4,814	3,674	Parsons borough.....	2,578	1,791	516
Barnesboro borough.....	3,535	1,482	.....	Greenville city.....	3,674	1,599	1,160	Parsons borough.....	4,328	2,529	2,412
Beaver borough.....	3,456	2,348	1,552	Greenville city.....	9,058	7,746	7,194	Patterson borough.....	3,967	2,651	.....
Beaver Falls borough.....	12,191	10,054	9,735	Greenville city.....	13,012	6,568	4,202	Pen Argyl borough.....	3,967	2,784	2,108
Belknap borough.....	4,143	4,216	3,946	Greenville city.....	5,909	4,814	3,674	Perkasie borough.....	2,779	1,803	458
Bellevue borough.....	6,323	4,416	4,118	Greenville city.....	3,674	1,599	1,160	Philadelphia city.....	1,549,058	1,293,667	1,046,964
Berwick borough.....	5,557	3,916	2,701	Greenville city.....	7,057	5,302	3,746	Philipsburg borough.....	3,885	3,266	3,245
Bethlehem borough.....	12,837	10,758	9,521	Greenville city.....	64,186	50,167	39,385	Phoenixville borough.....	10,743	9,196	8,514
Birchboro borough.....	2,930	2,264	2,261	Greenville city.....	14,230	11,872	9,811	Pitcairn borough.....	4,975	2,601	.....
Birdsboro borough.....	3,572	3,386	3,126	Greenville city.....	18,713	12,554	7,916	Pittsburgh city.....	533,905	431,512	343,904
Birdsboro city.....	5,545	3,915	2,452	Greenville city.....	25,452	18,822	13,822	Pittston city.....	16,267	12,556	10,302
Bloomburg town.....	7,413	6,170	4,635	Greenville city.....	3,734	2,998	2,975	Plymouth borough.....	16,996	13,649	9,344
Brockton borough.....	3,134	19,257	15,654	Greenville city.....	6,861	6,053	5,729	Port Carbon borough.....	2,478	2,478	.....
Brookside borough.....	19,529	15,654	8,561	Greenville city.....	2,886	2,452	2,428	Portsmouth borough.....	2,954	816	.....
Bridgeport borough.....	3,860	3,097	2,651	Greenville city.....	8,077	5,865	3,296	Portwaukeet borough.....	15,599	13,696	13,285
Bristol borough.....	9,256	7,104	6,553	Greenville city.....	2,681	2,681	1,669	Portwaukeet city.....	30,226	16,716	14,117
Brookville borough.....	3,003	2,472	2,478	Greenville city.....	3,158	2,567	2,650	Reading city.....	3,801	3,014	2,109
Butler borough.....	20,728	10,853	8,734	Greenville city.....	3,829	3,829	1,829	Rankin borough.....	96,071	78,961	58,661
Carlisle borough.....	10,400	13,536	10,833	Greenville city.....	4,334	3,984	2,931	Renovo borough.....	4,621	4,082	4,154
Carlisle city.....	10,369	9,626	7,620	Greenville city.....	55,482	38,936	21,865	Reynoldsville borough.....	3,189	2,425	.....
Carnegie borough.....	10,069	7,350	.....	Greenville city.....	4,285	3,692	2,892	Ridgway borough.....	5,408	3,515	1,932
Carrick borough.....	6,117	.....	.....	Greenville city.....	6,628	5,298	2,944	Rochester borough.....	5,903	4,685	.....
Casselman borough.....	11,800	8,864	7,763	Greenville city.....	6,381	5,286	2,981	Rochesterford borough.....	3,073	2,607	1,815
Chambersburg borough.....	9,615	5,930	.....	Greenville city.....	5,651	4,159	3,723	St. Clair borough.....	5,646	4,656	3,680
Charleroi borough.....	19,137	33,988	20,236	Greenville city.....	4,227	4,227	.....	St. Clair city.....	6,456	4,638	3,680
Chester city.....	38,537	33,988	20,236	Greenville city.....	3,821	3,888	4,041	St. Marys borough.....	6,346	4,295	1,745
Clairton borough.....	3,326	2,694	2,164	Greenville city.....	3,951	3,754	1,858	Sayre borough.....	6,426	5,243	.....
Claron borough.....	6,851	5,081	2,248	Greenville city.....	4,060	2,630	.....	Schuylkill Haven borough.....	4,747	3,654	3,088
Clearfield borough.....	3,153	2,330	1,830	Greenville city.....	9,288	7,988	6,464	Scottdale borough.....	5,456	4,261	2,693
Clifton Heights borough.....	5,154	.....	.....	Greenville city.....	8,777	6,614	3,989	Scranton city.....	129,367	102,026	75,215
Coatsville borough.....	11,084	12,721	10,355	Greenville city.....	19,240	17,628	14,664	Sewickly borough.....	4,479	3,568	2,778
Columbia borough.....	11,454	12,316	10,599	Greenville city.....	3,624	2,459	1,921	Shamokin borough.....	19,588	18,302	14,403
Conestoga borough.....	12,845	7,160	5,629	Greenville city.....	5,316	4,629	2,959	Sharon borough.....	15,270	8,916	7,459
Conshohocken borough.....	7,480	5,762	5,470	Greenville city.....	3,081	3,457	3,248	Sharpsburg borough.....	3,133	6,842	4,898
Coplay borough.....	2,670	1,561	880	Greenville city.....	1,866	4,451	3,273	Sharpsville borough.....	8,364	2,970	2,330
Cornapolis borough.....	5,232	12,555	962	Greenville city.....	7,772	7,210	3,735	Shenandoah borough.....	25,774	20,321	15,944
Corry city.....	5,901	5,369	5,677	Greenville city.....	5,426	3,817	2,368	Shenandoah borough.....	4,457	3,228	2,188
Coudersport borough.....	3,500	3,217	1,530	Greenville city.....	2,943	2,762	2,450	Shimonsville borough.....	4,454	4,454	2,716
Crafton borough.....	4,548	1,927	.....	Greenville city.....	3,389	1,122	.....	Somerset borough.....	2,612	1,834	1,713
Crawfordsville borough.....	2,589	1,957	1,664	Greenville city.....	2,543	2,475	1,698	South Bethlehem borough.....	19,973	13,241	10,302
Darby borough.....	7,417	6,412	5,622	Greenville city.....	14,702	6,352	.....	South Brownsville borough.....	3,943	1,805	1,030
Darby borough.....	6,305	3,429	2,972	Greenville city.....	34,227	20,741	.....	South Fork borough.....	4,592	2,635	1,265
Derry borough.....	2,954	2,347	1,962	Greenville city.....	12,694	13,504	11,286	South Sharon borough.....	10,190	.....	.....
Dickson city.....	9,531	4,948	3,110	Greenville city.....	3,389	1,122	.....	South Williamsport borough.....	3,734	3,328	2,900
Donora borough.....	8,174	.....	.....	Greenville city.....	2,543	2,475	1,698	Spangler borough.....	2,700	1,616	.....
Dorranceton borough.....	4,046	2,211	586	Greenville city.....	14,702	6,352	.....	Spring City borough.....	2,880	2,566	1,797
Dowington borough.....	3,226	2,133	1,920	Greenville city.....	7,160	6,776	5,317	Stroudsburg borough.....	14,246	12,068	9,250
Doylesburg borough.....	3,304	3,034	2,519	Greenville city.....	3,159	2,075	.....	Stroudsburg city.....	4,739	3,450	2,419
DuBois borough.....	12,623	9,375	6,149	Greenville city.....	7,240	4,815	3,304	Summit Hill borough.....	4,299	2,986	2,816
Dunmore borough.....	17,615	12,583	8,315	Greenville city.....	3,376	2,008	1,494	Sunnybrook borough.....	11,770	9,810	5,930
Duquesne borough.....	15,727	9,936	.....	Greenville city.....	2,957	2,197	.....	Susquehanna borough.....	3,378	3,813	3,872
Durva borough.....	7,487	.....	.....	Greenville city.....	7,598	5,173	4,066	Swissvale borough.....	4,381	3,881	3,872
East Conemaugh borough.....	5,646	2,175	1,158	Greenville city.....	3,964	1,277	.....	Swoperton borough.....	5,296	2,264	.....
East Mauch Chunk borough.....	3,548	3,458	2,772	Greenville city.....	3,159	2,075	.....	Tamaqua borough.....	9,462	7,207	6,654
East Pittsburgh borough.....	3,645	2,883	.....	Greenville city.....	4,241	3,295	2,854	Tarentum borough.....	7,412	5,472	4,027
East Stroudsburg borough.....	5,330	2,648	1,819	Greenville city.....	7,598	5,173	4,066	Taylor borough.....	9,640	4,215	.....
Edgewood borough.....	2,596	1,139	616	Greenville city.....	3,964	1,277	.....	Throop borough.....	5,133	4,833	4,833
Edwardsville borough.....	8,407	5,165	3,284	Greenville city.....	3,159	2,075	.....	Tioga county.....	8,838	8,244	5,073
Elizabeth borough.....	2,587	1,473	1,218	Greenville city.....	8,185	4,745	3,652	Towanda borough.....	4,241	4,663	4,169
Elizabethton borough.....	3,501	2,418	.....	Greenville city.....	3,159	2,075	.....	Towanda city.....	4,995	3,262	.....
Emmaus borough.....	3,501	1,468	883	Greenville city.....	5,185	.....	.....				
Emporium borough.....	2,916	2,463	2,147	Greenville city.....	18,877	12,116	10,044				
Ephrata borough.....	3,162	3,621	2,147	Greenville city.....	5,978	3,304	1,318				

1 Includes population of West Bethlehem borough: 1900, 3,465; 1890, 2,739.

2 Includes population of Cityville borough: 1900, 2,371; 1890, 1,402.

3 Includes population of Allegheny city: 1900, 129,896; 1890, 105,287.

4 Allegheny County.

5 Schuylkill County.



POPULATION OF CITIES.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
<b>Vermont—Con.</b>				<b>Washington—Con.</b>				<b>Wisconsin—Con.</b>			
Hartford town.....	4,179	3,817	3,740	Chehalis city.....	4,507	1,775	1,309	Fort Atkinson city.....	3,877	3,043	2,293
Lyndon town.....	2,204	2,936	2,619	Cle Elum city.....	2,749	.....	.....	Grand Rapids city.....	6,321	4,433	1,702
Middlebury town.....	3,848	3,045	2,678	Coffax city.....	2,783	2,121	1,649	Green Bay city.....	25,236	18,084	9,969
Montpelier city.....	7,836	6,266	4,160	Olympia city.....	4,768	2,768	2,698	Hartford city.....	2,982	1,632	1,296
Morristown town.....	2,652	2,583	2,411	Everett city.....	24,814	7,838	.....	Hudson city.....	2,810	3,459	2,885
Newport town.....	3,684	3,113	3,047	Hillaryd city.....	3,276	.....	.....	Jamesville city.....	13,894	13,185	10,836
Newport village.....	3,248	1,874	1,730	Hoquiam city.....	8,171	2,608	1,302	Jefferson city.....	2,882	2,584	2,287
Northfield town.....	6,225	2,855	2,628	North Yakima city.....	14,052	3,154	1,538	Kankiauns city.....	4,717	5,115	4,667
Poulinney town.....	3,544	3,108	3,031	Olympia city.....	4,768	2,768	2,698	Kenosha city.....	21,371	11,636	6,332
Proctor town.....	2,871	2,136	1,758	Port Townsend city.....	4,181	3,443	4,588	La Crosse city.....	30,417	28,895	25,900
Proctor village.....	2,769	2,015	.....	Pullman city.....	2,602	1,308	968	Lake Geneva city.....	3,079	2,585	2,267
Randolph town.....	3,191	3,141	3,232	Puyallup city.....	4,544	1,884	1,732	Madison city.....	25,531	19,164	13,426
Richford town.....	2,907	2,421	2,232	Renton town.....	2,740	1,733	.....	Manitowoc city.....	13,027	11,756	7,710
Rockingham town.....	6,207	8,809	4,579	Roslyn town.....	3,126	2,786	1,484	Marinette city.....	14,010	16,195	11,923
Bellevue Falls village.....	4,883	4,557	5,092	Seattle city.....	237,194	80,671	42,337	Marshfield city.....	5,783	5,240	3,450
Rutland city.....	13,546	11,499	.....	Snohomish city.....	3,244	2,101	1,963	Menasha city.....	6,081	5,589	4,581
St. Albans city.....	6,381	6,239	.....	South Bend city.....	3,023	711	.....	Menomonee city.....	5,036	5,555	5,491
St. Albans town.....	5,998	7,010	6,567	Spokane city.....	104,402	36,848	19,922	Merrill city.....	4,689	5,893	4,992
St. Johnsbury village.....	6,698	6,669	5,857	Tacoma city.....	83,743	37,714	36,006	Milwaukee city.....	373,857	285,315	204,468
Springfield town.....	4,784	3,432	2,812	Walla Walla city.....	10,049	4,709	.....	Mineral Point city.....	2,925	2,991	2,694
Springfield village.....	5,589	2,060	1,881	Wenatchee city.....	4,050	451	.....	Monroe city.....	4,410	3,927	3,768
Swanton town.....	3,628	3,745	3,231	<b>West Virginia</b>				Neomah city.....	5,734	5,954	5,083
Watersbury town.....	3,273	2,810	2,232	Benwood city.....	4,976	4,511	2,934	New London city.....	3,383	2,742	2,480
West Rutland town.....	3,427	2,914	3,680	Bluefield city.....	11,188	4,644	1,775	Oconomowoc city.....	3,054	2,829	2,729
Woodstock town.....	2,545	2,557	2,545	Charleston.....	2,662	2,392	2,287	Oconto city.....	5,629	5,646	5,219
<b>Virginia</b>				Cherter city.....	3,184	.....	.....	Oshkosh city.....	33,062	28,284	22,836
Alexandria city.....	15,829	14,528	14,339	Clarksburg city.....	9,201	4,650	3,008	Platteville city.....	4,432	3,340	2,640
Berkeley City town.....	2,508	2,416	2,897	Davis town.....	2,613	2,391	918	Plymouth city.....	3,994	2,337	1,803
Big Stone Gap town.....	2,890	1,617	.....	Elkins city.....	5,280	2,016	737	Port Washington city.....	3,792	3,010	1,759
Bristol city.....	6,247	4,579	2,902	Fairmont city.....	9,711	6,658	1,023	Portage city.....	5,440	4,549	5,143
Buena Vista city.....	3,245	2,388	1,044	Gallego city.....	2,613	2,091	918	Prairie du Chien city.....	3,149	3,232	3,131
Charlottesville city.....	6,765	6,449	5,591	Griffin city.....	5,280	2,016	737	Racine city.....	38,062	29,102	21,041
Clifton Forge city.....	5,748	5,579	1,792	Hinton city.....	31,161	11,923	10,570	Rapid City.....	2,075	2,387	6,889
Covington town.....	4,234	2,930	704	Huntington city.....	31,161	11,923	10,570	Rice Lake city.....	3,968	3,002	2,130
Danville city.....	10,020	16,520	10,305	Keyser town.....	2,262	2,336	2,165	Ripon city.....	2,729	3,818	3,358
Farmville town.....	2,971	2,471	2,404	McMechen city.....	2,921	1,465	427	Sheboygan city.....	2,925	1,863	1,537
Fredericksburg city.....	5,874	5,068	4,528	Mannington city.....	2,672	1,681	908	Sheboygan city.....	25,398	22,902	16,359
Hampton city.....	5,905	2,764	2,813	Martinsburg city.....	10,698	7,564	7,226	South Milwaukee city.....	6,092	3,392	.....
Harrisonburg town.....	4,579	3,521	2,792	Morgantown city.....	9,150	1,895	1,011	Sparta city.....	3,973	3,555	2,795
Lyonsburg city.....	2,331	2,303	3,059	Moundsville city.....	8,918	5,362	2,688	Stanley city.....	4,075	2,387	1,803
Marion town.....	2,727	2,045	1,651	Parkersburg city.....	17,422	11,703	8,408	Stevens Point city.....	8,062	9,524	7,886
Martinsville town.....	3,368	2,384	.....	Princeton city.....	3,027	.....	.....	Stoughton city.....	4,761	3,431	2,470
Newport News city.....	20,205	19,635	.....	Richmond town.....	3,061	.....	.....	Sturgeon Bay city.....	4,362	3,572	1,193
Norfolk city.....	67,452	46,624	34,871	Riverside city.....	2,684	2,979	469	Superior city.....	40,384	31,091	11,983
Petersburg city.....	24,127	21,810	22,680	Wellsburg city.....	4,189	2,588	2,235	Tombah city.....	3,419	2,840	2,189
Portsmouth city.....	33,190	17,427	13,268	Wheeling city.....	41,441	38,878	34,522	Tombahawk city.....	2,907	2,291	1,816
Pulaski town.....	4,807	2,813	2,112	Williamson city.....	3,561	.....	.....	Two Rivers city.....	4,830	3,784	2,870
Radford city.....	2,802	3,544	2,960	<b>Wisconsin</b>				Wausau city.....	3,830	.....	.....
Richmond city.....	127,628	85,690	81,388	Antigo city.....	7,196	5,145	4,424	Watertown city.....	8,829	8,437	8,755
Roanoke city.....	34,874	21,495	16,159	Appleton city.....	16,773	15,085	11,869	Waukesha city.....	8,740	7,419	6,821
Salem town.....	3,849	3,412	3,279	Ashland city.....	11,594	13,074	9,956	Waupaca city.....	2,739	2,912	2,127
South Boston town.....	3,516	1,851	1,789	Baraboo city.....	6,324	3,731	4,605	Waupun city.....	3,828	3,185	2,207
Stamout city.....	10,494	2,269	9,975	Beaver Dam city.....	6,758	5,128	4,222	Wausau city.....	16,560	12,354	9,253
Suffolk town.....	7,608	3,827	3,354	Beloit city.....	15,125	10,436	6,315	Wauwatosa city.....	3,346	2,842	.....
Wilmington city.....	2,714	2,044	1,831	Berlin city.....	4,636	4,439	4,149	West Allis city.....	6,645	.....	.....
Winchester city.....	5,864	5,161	5,196	Burlington city.....	3,212	2,526	2,083	White Water city.....	3,224	3,401	4,359
Wytheville town.....	3,054	3,003	2,570	Chippewa Falls city.....	8,863	8,094	8,670	<b>Wyoming</b>			
<b>Washington</b>				Columbus city.....	2,523	2,349	1,977	Capser town.....	2,639	883	544
Aberdeen city.....	13,660	3,747	1,638	Cudahy city.....	3,091	3,366	.....	Cheyenne city.....	11,520	14,087	11,690
Anacortes city.....	4,168	1,476	1,131	De Pere city.....	4,477	4,038	3,625	Evanston town.....	2,583	2,110	1,995
Birmingham city.....	24,298	11,062	8,135	De Pere city.....	4,477	4,038	3,625	Laramie city.....	5,237	8,207	6,388
Bremerton city.....	2,969	.....	.....	El Cerrito city.....	18,310	17,517	17,415	Rawlins city.....	4,236	2,317	2,235
Centralia city.....	7,311	1,600	2,026	Edgerston city.....	2,513	2,192	1,995	Rock Springs city.....	5,779	4,363	3,406
				Fond du Lac city.....	18,797	15,110	12,024	Sheridan city.....	8,408	1,559	281

1 Joint population of Bristol town, Sullivan County, Tenn., and Bristol city, Va.: 1910, 13,386; 1900, 9,850; 1890, 6,226.

2 Includes population (367) of Free town.

3 Fairhaven and New Whitcomb cities consolidated under the name of Bellingham city in 1903.



CHAPTER 2.

COLOR OR RACE, NATIVITY, PARENTAGE, AND SEX.

**Introduction.**—This chapter, dealing with the composition of the population, gives in condensed form statistics relative to color or race, nativity, parentage, and sex, as returned at the Thirteenth Decennial Census, taken as of April 15, 1910, with comparative figures for prior censuses. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

The classification by color or race distinguishes six groups, namely, white, negro, Indian, Chinese, Japanese, and "All other" (consisting principally of Hindus and Koreans). On account of their comparatively small number, the four last-named groups are combined in some of the tables.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born in foreign countries; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. In many of the tables native whites of foreign parentage and of mixed parentage are combined.

This double classification by color or race, and by nativity and parentage, results in five principal classes of the population—the native whites of native parentage, the native whites of foreign or mixed parentage, the foreign-born whites, the negroes, and all others. The last named group is frequently omitted from the tables, as it is neither numerous nor important.

Following in each case this classification according to color or race, nativity, and parentage, statistics are presented in the first section of this chapter for the total population; in the second section for the total population distinguished by sex; in the third section for the population 21 years of age and over, also distinguished by sex; and in the fourth section for the male population of militia age (18 to 44 years, inclusive). In connection with the population 21 years of age and over, much greater detail is given regarding males than regarding females, and statistics are also presented relative to the naturalization of the foreign-born white males.

TOTAL POPULATION BY COLOR OR RACE, NATIVITY, AND PARENTAGE.

UNITED STATES AS A WHOLE.

**General summary: 1910 and 1900.**—Table 1 shows the number of persons of each color or race at the last two censuses, the total number of native and foreign-born inhabitants, and the number of whites distributed according to nativity and parentage.

CLASS OF POPULATION.	NUMBER.		INCREASE: <sup>1</sup> 1900-1910		PER CENT OF TOTAL POPULATION.	
	1910	1900	Number.	Per cent.	1910	1900
<b>Total population</b> ..	91,972,286	75,994,575	15,977,691	21.0	100.0	100.0
White.....	81,731,957	66,809,196	14,922,761	22.3	88.9	87.9
Negro.....	9,827,763	8,853,994	969,769	11.2	10.7	11.6
Other colored races.....	412,546	331,383	61,161	17.4	0.4	0.5
Indian.....	265,683	237,196	28,487	12.0	0.3	0.3
Chinese.....	74,531	59,893	14,632	20.4	0.1	0.1
Japanese.....	72,157	24,325	47,831	196.6	0.1	(?)
All other.....	3,173		3,173		(?)	
Total native.....	78,456,280	65,653,299	12,803,081	19.5	85.3	86.4
Total foreign born.....	13,515,886	10,341,276	3,174,610	30.7	14.7	13.6
<b>Total white</b> .....	81,731,957	66,809,196	14,922,761	22.3	88.9	87.9
Native.....	65,356,412	57,285,179	11,794,033	20.8	74.4	74.5
Native parentage.....	49,488,575	40,949,362	8,539,213	20.9	53.8	53.9
Foreign parentage.....	12,916,311	10,652,280	2,284,031	21.5	14.0	14.0
Mixed parentage.....	5,991,536	5,013,737	967,799	19.3	6.5	6.6
Foreign born.....	13,345,545	10,213,817	3,131,728	30.7	14.5	13.4

<sup>1</sup> A minus sign (-) denotes decrease. <sup>2</sup> Less than one-tenth of 1 per cent.

Of the population of the United States in 1910, 81,731,957, or 88.9 per cent, were whites; 9,827,763, or 10.7 per cent, were negroes; and 412,546, or four-tenths of 1 per cent, were other colored races.

Of the total population, 78,456,380, or 85.3 per cent, were native and 13,515,886, or 14.7 per cent, foreign born, the latter consisting chiefly of whites.

The native white population numbered 68,386,412, and constituted 83.7 per cent of the white population and 74.4 per cent of the total population of the country. The 13,345,545 foreign-born whites constituted 16.3 per cent of the white population and 14.5 per cent of the total population.

Native whites of native parentage in 1910 numbered 49,488,575, constituting 60.5 per cent of the white population and 53.8 per cent of the total population. Native whites of foreign parentage formed 15.8 per cent of the white population and those of mixed parentage 7.3 per cent, the corresponding percentages based on the total population being 14 and 6.5, respectively.

Of the total increase of 15,977,691 in the population of the country between 1900 and 1910, the whites contributed 14,922,761, the negroes 993,769, and other races 61,161. The increase in the native population was 12,803,081, and that in the foreign born, 3,174,610, or about one-fifth of the total increase.

The percentage of increase for the whites, 22.3, was a little less than twice as high as that for the negroes, 11.2. This difference is partly due, however, to the direct or indirect effect of immigration upon the increase of the white population. The native white

population increased 20.8 per cent and the foreign-born white 30.7 per cent. There was very little difference in the rates of increase for the three parentage groups of the native white population.

By reason of these differences in the rates of increase of the several classes of population there was some change between 1900 and 1910 in the relative importance of the different groups. Whites constituted 88.9 per cent of the total population in 1910, as compared with 87.9 per cent in 1900. Native whites, however, constituted a slightly smaller proportion of the total in the later year than in the earlier, while foreign-born whites formed 14.5 per cent of the total in 1910, as compared with 13.4 per cent 10 years before.

It should be borne in mind that the increase in the white groups, from one census to another, represents more than the natural growth by excess of births over deaths. The increase of negroes and Indians, since their number is only slightly affected by immigration or emigration, is essentially a natural increase. The increase in the several white groups, however, is materially affected, directly or indirectly, by immigration, which greatly exceeds emigration. The total number of whites is swelled directly by immigration; the number of native whites by the children born of immigrants after their arrival in this country; and the number of native whites of native parentage by the children of the native whites of foreign or mixed parentage. Additions to the number of native whites of foreign parentage, of course, consist wholly of the children of the foreign born, while the additions to the native whites of mixed parentage are the children of intermarriages between the foreign born and the native.

It is possible, however, to estimate approximately the natural increase of the white population by subtracting from the total white population enumerated in 1910 the number of foreign-born whites who had immigrated to the country after 1900. The remainder, when compared with the white population enumerated in 1900, may be accepted as indicating approximately the growth in the white population apart from immigration, or, in other words, the natural increase of the white population between 1900 and 1910. The number of foreign-born whites enumerated in 1910 who had arrived in this country subsequently to January 1, 1901, was almost exactly 5,000,000. Subtracting this from the total white population enumerated in 1910 the remainder is about 76,730,000, which, as compared with the white population in 1900, 66,809,196, represents a difference of about 9,920,000, or 14.8 per cent.

<sup>1</sup> To be strictly accurate one should subtract the number of children enumerated in 1910 who were born in this country of the immigrants who came in after 1900; this number, however, is unknown, and is at least partially offset by the number of surviving white persons (also unknown) enumerated in 1900 who emigrated from the United States before April 15, 1910, and the surviving children born of such emigrants. Moreover, one should deduct the survivors (number unknown) of the immigrants who arrived in this country between June 1, 1900, the date of the Twelfth Census, and January 1, 1901.

This may somewhat exceed the natural increase, however, because certain minor factors have not been taken into account in this computation; it is probable that the true rate of natural increase for the aggregate white population was not far from 14 per cent, and that this percentage may be fairly compared with the rate of increase in the negro population, 11.2 per cent.

**White and negro population.**—The number of whites and negroes in the total population of the United States at each census from 1790 to 1910 is given in Table 2.

CENSUS YEAR.	NUMBER.					PER CENT OF TOTAL.		
	Total population.	White.	Negro.	Indian, Chinese, Japanese, and all other.	White.	Negro.	Ind., Jap., and all other.	
1910.....	91,972,266	81,731,937	9,827,763	419,546	88.9	10.7	0.4	
1900.....	75,994,575	66,809,196	8,833,994	351,385	87.9	11.6	0.5	
1890.....	62,947,714	55,101,258	7,488,676	357,780	87.5	11.9	0.6	
1880.....	50,135,753	43,402,970	6,580,793	172,020	86.5	13.1	0.3	
1870 <sup>1</sup> .....	38,558,351	33,889,377	4,880,009	88,965	87.1	12.7	0.2	
1870 <sup>2</sup> .....	39,816,449	34,337,892	5,599,172	88,665	86.2	15.5	0.2	
1860.....	31,445,321	26,922,527	4,441,830	78,964	85.6	14.1	0.3	
1850.....	23,191,876	19,555,068	3,638,808	.....	84.3	15.7	.....	
1840.....	17,009,453	14,195,805	2,873,648	.....	83.2	16.8	.....	
1830.....	12,866,020	10,557,378	2,228,642	.....	81.9	18.1	.....	
1820.....	9,638,433	7,896,797	1,771,636	.....	81.6	18.4	.....	
1810.....	7,229,881	5,862,073	1,377,808	.....	81.0	19.0	.....	
1800.....	5,308,446	4,396,446	1,002,037	.....	81.1	18.9	.....	
1790.....	3,929,214	3,172,006	757,208	.....	80.7	19.3	.....	

<sup>1</sup> As enumerated.

<sup>2</sup> Estimated corrected figures. See explanation in text.

The census of 1860 was the first at which Indians were distinguished from the other classes. Not, however, until the census of 1890 was any enumeration made of the Indians on reservations or "living in tribal relations," so that statistics for the group in which they are included in the table are not comparable further back than 1890.

The distinction of white and colored is the only one which has been carried through all the 13 censuses. There is some doubt whether the small number of taxed Indians were counted with the white or with the colored prior to 1860.

The proportion of whites in the total population, which was approximately four-fifths in 1790, has increased at each succeeding census, except for an insignificant decrease in 1810 as compared with 1800. The apparently lower percentage in 1880, as compared with 1870, is undoubtedly erroneous, being due to the faulty census of 1870, which is known to have been generally deficient in the Southern states. The number of omissions in these states in 1870 is estimated to have been 747,915 whites and 512,163 negroes, aggregating 1,260,078. (See Reports of the Eleventh Census, Population, Part I, pp. xi, xii, and xvi.) Assuming these estimates to be correct, the white population in 1870 represented 86.2 per cent of the total and the negro 13.5.

During the first 40 years of the period covered by the table, the proportions of whites and negroes did not change materially, although the total population more than trebled. Thereafter the proportion of

whites increased more rapidly—from 81.9 per cent in 1830 to 88.9 per cent in 1910.

Table 3 gives the decennial increase, both absolute and relative, in the white and in the negro population for each decade from 1790 to 1910.

DECADE.	INCREASE.			PER CENT OF INCREASE.		
	Total.	White.	Negro.	Total.	White.	Negro.
1900-1910.....	15,977,691	14,922,761	993,769	21.0	22.3	11.2
1890-1900.....	13,046,861	11,707,938	1,345,318	20.7	21.2	18.6
1880-1890.....	12,466,467	11,550,929	1,889,247	24.9	26.7	13.5
1870-1880.....	11,397,412	9,813,593	1,700,784	30.1	29.2	34.9
1860-1870 <sup>1</sup> .....	10,337,534	9,065,478	1,188,021	25.0	25.0	22.0
1850-1860 <sup>2</sup> .....	8,375,188	7,414,755	960,543	26.6	27.6	21.5
1840-1850.....	7,115,650	6,696,840	438,179	22.6	24.8	9.9
1830-1840.....	8,251,445	7,309,469	933,022	33.6	37.7	22.1
1820-1830.....	6,122,423	5,357,263	765,160	35.9	37.7	26.6
1810-1820.....	4,203,433	3,538,427	545,006	32.7	34.7	23.4
1800-1810.....	2,227,867	2,379,381	556,969	33.9	33.9	21.4
1810-1820.....	2,398,572	2,094,724	393,848	33.1	34.2	28.4
1800-1810.....	1,931,308	1,555,627	375,711	36.4	36.1	37.5
1790-1800.....	1,879,200	1,134,440	244,829	35.1	35.8	32.3

<sup>1</sup> Exclusive of 325,464 persons (among whom were 117,368 whites and 18,636 negroes) specially enumerated in 1890 in Indian Territory and on Indian reservations.

<sup>2</sup> Estimated corrected increase.

The addition to the total white population in the decade 1900-1910 was considerably greater than during any other decade and indeed exceeded the total white population of the country in 1840. The increase in the negro population, however, was less than that from 1890 to 1900 and was much less than that from 1870 to 1880 as based on the returns.

If, however, the irregularity in the increase for the decades 1860-1870 and 1870-1880, due to the defective enumeration of the population in 1870, be corrected to correspond with the estimated population of 1870, the increase of negroes from 1870 to 1880 becomes less marked, although still greater than that from 1900 to 1910.

Assuming the estimates for 1870 to be approximately correct, each decade since 1790 has shown for the white population an absolute gain larger than that for the decade immediately preceding, and the percentage of increase for the white population has exceeded that for the negro population in every decade since 1790 except 1800-1810. In the 50 years 1860-1910 the white population increased 203.6 per cent and the negro population 121.3 per cent.

A comparison of the decennial rates of increase in the white population from 1790 to 1910 reveals three clearly defined periods. From 1790 to 1860 the rate was high and remarkably uniform, varying little from 35 per cent. Then it fell off abruptly and for three decades, from 1860 to 1890 (accepting the estimated figures for 1870), was close to 27 per cent. The third period dates from 1890, the percentage of increase being 21.2 from 1890 to 1900 and 22.3 from 1900 to 1910. With respect to the rate of increase of the negroes, three similar periods also appear. The second, however, beginning in 1830 and the third in 1880. According to the returns the rate from 1880 to 1890 was very much lower than even the estimated rate from 1870 to 1880, and

the rate from 1890 to 1900 was much higher than during either the preceding or the succeeding decade. Such abrupt changes in the growth of a class of the population which is not affected by immigration seem very improbable and almost force the conclusion that the enumeration of negroes in 1890 was deficient.

**Indian, Chinese, and Japanese population.**—In Table 4 are shown the numbers of Indians, Chinese, and Japanese at each census from 1860 to 1910.

CENSUS YEAR.	Indian.	Chinese.	Japanese.
1910.....	265,683	71,531	72,157
1900.....	237,196	89,863	24,226
1890.....	248,253	107,488	2,059
1880.....	96,407	105,465	148
1870.....	25,731	63,159	186.0
1860.....	44,021	34,933	.....

Indians in Indian Territory and on Indian reservations are not included in the totals for 1860, 1870, and 1880, but are included in the totals for 1890, 1900, and 1910. Since 1890 the Indian population has increased slightly, although a slight decrease is indicated for the decade 1890-1900; the Chinese population decreased, while the Japanese increased rapidly during each of the two decades and in 1910 slightly outnumbered the Chinese. There were also enumerated in 1910 other nonwhite races, consisting, for the greater part, of Hindus and Koreans, to the number of 3,175.

**Black and mulatto population.**—Table 5 gives a classification of the negro population as black or mulatto for the several censuses at which this distinction has been made.

CENSUS YEAR. <sup>1</sup>	NEGRO POPULATION.			PER CENT OF TOTAL.	
	Total.	Black.	Mulatto.	Black.	Mu'atto.
1910.....	9,827,763	7,777,077	2,050,686	79.1	20.9
1900.....	7,488,676	6,337,980	1,152,696	84.8	15.2
1870.....	4,880,099	4,205,900	674,099	86.0	12.0
1860.....	4,441,830	3,833,467	588,363	86.8	13.2
1850.....	3,638,808	3,233,067	405,751	88.8	11.2

<sup>1</sup> No data for 1850 or 1900.

<sup>2</sup> Includes 18,636 negroes enumerated in Indian Territory, not distinguished as black or mulatto.

No data are available for 1880 or 1900. Of the 9,827,763 negroes enumerated in 1910, 7,777,077 were returned as black and 2,050,686 as mulatto. In 1850 the percentage of mulattoes was 11.2. It had advanced but little in 1870, being only 12 per cent, but since 1870 the proportion of mulattoes in the total negro population appears to have increased very materially, reaching 15.2 per cent in 1890 and 20.9 per cent in 1910. Considerable uncertainty necessarily attaches to this classification, however, since the accuracy of the distinction made depends largely upon the judgment and care of the enumerators. Moreover, the fact that the definition of the term "mulatto" adopted at different censuses has not been entirely uniform may affect the comparability of the figures in some degree. In 1870, as in 1910, however, the term was applied to all

persons having any perceptible trace of negro blood, excepting, of course, negroes of pure blood.

**Native and foreign-born population.**—The aggregate population at each census from 1850 to 1910 is classified as native or foreign born in Table 6.

CENSUS YEAR.	POPULATION.			PER CENT OF TOTAL.	
	Total.	Native.	Foreign born.	Native.	Foreign born.
1910.....	91,972,298	78,456,380	13,515,886	85.3	14.7
1900.....	75,994,575	65,653,299	10,341,276	86.4	13.6
1890.....	62,947,714	53,698,154	9,249,560	85.3	14.7
1880.....	50,135,783	45,473,840	6,679,943	86.7	13.3
1870.....	38,558,371	32,991,142	5,567,229	85.6	14.4
1860.....	31,443,321	27,304,624	4,138,697	86.8	13.2
1850.....	29,191,578	26,947,374	2,244,202	90.3	9.7

The proportions of the native and foreign born have not changed greatly since 1860. The deficiency in the census of 1870 affected the native population much more than the foreign born, so that the proportions for that year are slightly misleading. It is certain, however, that for the native population the rate of increase has fallen off in each of the last three decades. For the foreign born the rate has fluctuated more or less directly with the volume of immigration. The decennial increases from 1850 to 1910 are shown in Table 7.

DECADE.	INCREASE.			PER CENT OF INCREASE.		
	Total.	Native.	Foreign born.	Total.	Native.	Foreign born.
1900-1910.....	15,977,691	12,803,061	3,174,630	21.0	19.5	30.7
1890-1900.....	12,096,904	11,935,145	1,691,716	20.7	22.3	11.8
1880-1890.....	12,466,467	10,896,863	12,669,664	24.9	22.8	35.5
1870-1880.....	11,597,412	10,483,628	1,112,714	30.1	31.8	20.0
1860-1870.....	7,115,050	5,696,518	1,428,352	22.2	22.8	34.5
1850-1860.....	8,241,643	6,357,250	1,894,695	35.6	30.3	84.4

<sup>1</sup> Exclusive of population specially enumerated in 1890.

Table 9

CENSUS YEAR OR DECADE.	Total white.	NATIVE WHITE.			Foreign-born white.		
		Total.	Native parentage.	Foreign or mixed parentage.			
1910.....	81,731,957	68,386,412	49,488,575	18,897,837	12,916,311	5,981,526	13,245,845
1900.....	66,891,196	56,899,379	40,949,362	16,946,017	10,632,280	5,013,737	10,313,811
1890.....	55,101,238	45,979,391	34,475,716	11,503,675	8,085,019	3,418,656	9,121,867
1880.....	43,402,970	36,843,291	28,568,424	8,274,867	16,363,769	11,911,098	6,639,670
1870.....	33,880,377	28,098,666	12,771,397	5,324,268	14,167,068	4,137,119	5,469,712
1860.....	26,922,537	22,825,784	11,111,397	5,324,268	14,167,068	4,137,119	4,096,733
1850.....	19,533,068	17,312,533	8,530,213	3,251,530	2,284,031	967,789	2,240,535
Increase:							
1900-1910.....	14,922,761	11,791,033	8,530,213	3,251,530	2,284,031	967,789	3,131,758
1890-1900.....	11,707,938	10,615,988	6,473,640	4,142,342	2,547,261	1,595,081	1,991,950
1880-1890.....	11,080,920	10,018,732	5,789,924	3,228,808	1,771,250	1,307,538	2,562,188
1870-1880.....	9,813,623	8,717,626	5,797,027	2,959,599	2,196,671	753,928	1,441,171
1860-1870.....	6,665,340	5,269,881	3,251,530	1,928,337	1,366,981	501,356	1,396,695
1850-1860.....	7,369,469	5,513,251	3,251,530	1,928,337	1,366,981	501,356	1,856,218
Per cent of increase:							
1900-1910.....	22.3	20.8	20.9	20.8	21.5	19.3	30.7
1890-1900.....	21.2	23.1	18.8	26.0	31.5	46.7	12.0
1880-1890.....	26.7	24.3	20.3	39.0	27.0	78.9	39.1
1870-1880.....	29.2	31.1	25.5	55.4	32.0	65.2	19.4
1860-1870.....	24.8	24.8	24.8	24.8	24.8	24.8	34.1
1850-1860.....	37.7	31.8	31.8	31.8	31.8	31.8	82.8

<sup>1</sup> Partly estimated.

<sup>2</sup> Exclusive of white population specially enumerated in 1890.

The native white population increased 20.8 per cent in the decade 1900-1910, in the preceding decade, 1890-1900, the increase was 23.1 per cent.

Table 8 shows, for 1910, the number of each color or race who were native and foreign born, respectively, with the percentage which persons of each color or race formed of the total foreign born.

COLOR OR RACE.	POPULATION.				
	Total.	Native.	Foreign born.		
Total population	91,972,298	78,456,380	13,515,886	14.7	100.0
White.....	81,731,957	68,386,412	15,345,545	16.3	86.7
Negro.....	9,827,763	9,787,424	40,339	0.4	0.3
Indian.....	265,683	269,930	2,753	1.0	(*)
Chinese.....	71,531	14,935	56,596	79.1	0.4
Japanese.....	72,157	4,502	67,655	93.8	0.5
All other.....	3,175	177	2,998	94.4	(*)

<sup>1</sup> Less than one-tenth of 1 per cent.

The distinction of native or foreign birth is significant for the white population only. The proportion of foreign born among the negroes and Indians is quite unimportant; and while more than three-fourths of the members of the other nonwhite races enumerated are of foreign birth, the distinction has little significance. In the subsequent consideration of the population of the United States the distinction between native and foreign born is generally noted only in the case of the white population.

**White population by nativity and parentage.**—Table 9 classifies the total white population at each census from 1850 to 1910 as native or foreign born, and the native white population at each census from 1870 to 1910 by parentage. Statistics as to parentage are not available for any census prior to that of 1870. The decennial increases are also given in the table for all decades for which figures are available.

CENSUS YEAR OR DECADE.	Total white.	NATIVE WHITE.				Foreign-born white.	
		Total.	Native parentage.	Foreign or mixed parentage.			
				Total.	Foreign.		Mixed.
1910.....	81,731,957	68,386,412	49,488,575	18,897,837	12,916,311	5,981,526	13,245,845
1900.....	66,891,196	56,899,379	40,949,362	16,946,017	10,632,280	5,013,737	10,313,811
1890.....	55,101,238	45,979,391	34,475,716	11,503,675	8,085,019	3,418,656	9,121,867
1880.....	43,402,970	36,843,291	28,568,424	8,274,867	16,363,769	11,911,098	6,639,670
1870.....	33,880,377	28,098,666	12,771,397	5,324,268	14,167,068	4,137,119	5,469,712
1860.....	26,922,537	22,825,784	11,111,397	5,324,268	14,167,068	4,137,119	4,096,733
1850.....	19,533,068	17,312,533	8,530,213	3,251,530	2,284,031	967,789	2,240,535
Increase:							
1900-1910.....	14,922,761	11,791,033	8,530,213	3,251,530	2,284,031	967,789	3,131,758
1890-1900.....	11,707,938	10,615,988	6,473,640	4,142,342	2,547,261	1,595,081	1,991,950
1880-1890.....	11,080,920	10,018,732	5,789,924	3,228,808	1,771,250	1,307,538	2,562,188
1870-1880.....	9,813,623	8,717,626	5,797,027	2,959,599	2,196,671	753,928	1,441,171
1860-1870.....	6,665,340	5,269,881	3,251,530	1,928,337	1,366,981	501,356	1,396,695
1850-1860.....	7,369,469	5,513,251	3,251,530	1,928,337	1,366,981	501,356	1,856,218
Per cent of increase:							
1900-1910.....	22.3	20.8	20.9	20.8	21.5	19.3	30.7
1890-1900.....	21.2	23.1	18.8	26.0	31.5	46.7	12.0
1880-1890.....	26.7	24.3	20.3	39.0	27.0	78.9	39.1
1870-1880.....	29.2	31.1	25.5	55.4	32.0	65.2	19.4
1860-1870.....	24.8	24.8	24.8	24.8	24.8	24.8	34.1
1850-1860.....	37.7	31.8	31.8	31.8	31.8	31.8	82.8

For the native whites of native parentage, however, the rate of increase was higher from 1900 to 1910 than in the preceding decade, being 20.9 per cent as

compared with 18.8. For the native whites of foreign parentage, on the other hand, the rate from 1900 to 1910 was lower, and there was a decline even more marked in the percentage of increase for the native whites of mixed parentage—from 46.7 per cent in the earlier decade to 19.3 in the later. It should be remembered, however, that these percentages do not represent the rates of "natural" increase for the several classes compared, for the reason, already noted, that the births among the native population of foreign parentage are contributions to the growth of the native population of native parentage, and the native whites of foreign parentage are similarly dependent for their increase upon the birth rate among the foreign-born whites. These variations in the rates of increase are affected by preceding variations in the number of immigrants and in their age distribution, sex distribution, and other characteristics, but the effects are very difficult to trace.

A further presentation for each of the nativity and parentage classes of the white population is given in Table 10, which shows the proportion which they formed of the white population and of the total population of the country, respectively, at each census from 1850 to 1910.

CENSUS YEAR.	NATIVE WHITE.						Foreign-born white.
	Total white.	Total.	Native parentage.	Foreign or mixed parentage.		Foreign-born white.	
				Total.	Foreign.		
PER CENT OF TOTAL WHITE POPULATION.							
1910.....	100.0	83.7	60.5	33.1	15.8	7.3	16.3
1900.....	100.0	84.7	61.3	23.4	15.9	7.5	15.3
1890.....	100.0	83.4	62.5	23.9	14.7	6.2	16.6
1880.....	100.0	84.9	63.8	19.1	14.7	4.4	15.1
1870.....	100.0	83.6	67.8	15.9	12.4	3.4	16.4
1860.....	100.0	84.8	.....	.....	.....	.....	15.2
1850.....	100.0	88.3	.....	.....	.....	.....	11.3
PER CENT OF TOTAL POPULATION.							
1910.....	88.9	74.4	53.8	29.5	14.0	6.5	14.5
1900.....	87.9	74.5	53.9	20.6	14.0	6.6	13.4
1890.....	87.5	73.0	54.8	18.3	12.8	5.4	14.5
1880.....	86.5	73.5	57.0	16.5	12.7	3.8	13.1
1870.....	87.1	72.9	59.1	13.8	10.8	3.0	14.2
1860.....	85.6	72.6	.....	.....	.....	.....	13.0
1850.....	84.3	74.6	.....	.....	.....	.....	9.7

Of the total white population in 1910, approximately five-sixths (83.7 per cent) were native and about one-sixth (16.3 per cent) foreign born. The proportion of foreign born in the white population increased from 11.5 per cent in 1850 to 15.2 per cent in 1860, and to 16.4 per cent in 1870 (doubtless slightly exaggerated by the deficiency in enumeration in the South, where most of the population is native). Since 1870 it has slightly decreased and slightly increased in alternate decades.

The proportion of persons of native parentage among the whites has decreased during each of the four decades covered by the figures, falling off from 67.8 per cent of the total in 1870 to 60.5 per cent in 1910.

Those of foreign and of mixed parentage, taken together, constituted a larger proportion of the white population at each succeeding census from 1870 to 1900, but the proportion in 1910 (23.1 per cent) was a trifle lower than in 1900.

DIVISIONS AND STATES.

Population by color or race, nativity, and parentage.—The population of the divisions and states in 1910 and 1900 is classified in Table 12 by color or race, and in Table 13 by nativity and parentage.

The general geographic distribution of the principal race, nativity, and parentage classes of the population in 1910 is indicated in Table 11.

SECTION AND DIVISION.	PER CENT DISTRIBUTION BY GEOGRAPHIC DIVISIONS: 1910						
	Total population.	White.			Negro.	Ind., Chl., Jap., and all other.	
		Total.	Native.	Foreign or mixed parentage.			
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	
<b>The North.....</b>	<b>60.6</b>	<b>66.9</b>	<b>55.3</b>	<b>84.5</b>	<b>84.8</b>	<b>10.5</b>	<b>21.6</b>
New England.....	7.1	7.9	5.3	10.9	13.6	0.7	1.4
Middle Atlantic.....	21.0	23.1	17.1	29.6	36.2	4.3	4.8
East North Central.....	19.8	21.9	19.7	27.0	23.9	3.1	5.4
West North Central.....	12.7	13.9	13.2	17.0	12.1	2.5	10.6
<b>The South.....</b>	<b>32.0</b>	<b>25.1</b>	<b>37.5</b>	<b>6.7</b>	<b>5.4</b>	<b>89.0</b>	<b>22.4</b>
South Atlantic.....	13.3	9.9	14.8	2.3	2.2	41.8	2.6
East South Central.....	9.1	7.0	11.0	1.1	0.7	27.0	0.7
West South Central.....	9.6	8.2	11.7	3.2	2.6	20.2	19.1
<b>The West.....</b>	<b>7.4</b>	<b>8.0</b>	<b>7.2</b>	<b>8.8</b>	<b>9.7</b>	<b>0.5</b>	<b>56.0</b>
Mountain.....	2.9	3.1	3.0	3.3	3.3	0.2	22.2
Pacific.....	4.6	4.9	4.3	5.6	6.5	0.3	33.8

Of the total white population in 1910, about two-thirds (54,640,209, or 66.9 per cent) were in the four northern divisions, and of the negro population, approximately nine-tenths (8,749,427, or 89 per cent) were in the three southern divisions. The Chinese and the Japanese were mainly in the states of the Pacific coast and Rocky Mountains; and the Indians mainly on scattered reservations, and in states lying west of the Mississippi, more than one-fourth (74,825, or 28.2 per cent) being in Oklahoma.

Of the 13,345,545 foreign-born whites in 1910, approximately five-sixths (11,321,016, or 84.8 per cent) were in the four northern divisions; and practically the same proportion (15,967,158, or 84.5 per cent) of the 18,897,837 native whites of foreign or mixed parentage were in these same divisions. Of the total foreign-born white population, 36.2 per cent were in the Middle Atlantic division, a percentage which considerably exceeds the corresponding figure for 1900 (32.3 per cent). The native whites of native parentage were widely distributed, 27,352,035, or 55.3 per cent, of this class in 1910 being in the four northern divisions, 18,561,146, or 37.5 per cent, in the three southern divisions, and 3,575,394, or 7.2 per cent, in the two western divisions.

## COLOR OR RACE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 12

POPULATION BY COLOR OR RACE.

DIVISION AND STATE.	Total.		White.		Negro.		Indian.		Chinese.		Japanese.		All other. 1910
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	
	<b>United States</b> .....	<b>91,872,286</b>	<b>75,994,575</b>	<b>81,731,857</b>	<b>66,809,196</b>	<b>9,827,763</b>	<b>8,833,994</b>	<b>265,683</b>	<b>237,156</b>	<b>71,531</b>	<b>69,863</b>	<b>72,187</b>	
<b>GEOGRAPHIC DIVISIONS:</b>													
New England.....	5,582,681	5,502,017	6,490,514	5,327,026	66,306	59,099	2,076	1,600	3,409	4,203	272	89	14
Middle Atlantic.....	19,310,892	15,454,678	18,880,452	15,110,862	417,870	353,921	7,717	15,559	8,180	10,490	1,543	446	21
East North Central.....	18,250,621	15,985,581	17,927,623	15,710,653	300,836	257,842	18,255	15,027	3,415	2,533	422	126	31
West North Central.....	11,637,921	10,347,423	11,351,621	10,085,817	242,962	237,009	41,406	42,330	1,185	1,131	1,000	223	37
South Atlantic.....	12,194,995	10,443,480	8,071,603	6,706,058	4,112,438	3,209,917	9,654	6,585	1,582	710	156	22	12
East South Central.....	8,409,941	7,547,757	6,734,226	5,044,847	2,632,513	2,449,886	2,612	2,599	412	427	26	7	10
West South Central.....	8,784,534	6,832,290	6,721,491	4,771,095	1,984,426	1,694,066	75,767	65,774	1,263	1,555	428	30	110
Mountain.....	2,633,517	1,674,657	2,309,455	1,579,855	21,467	15,590	75,338	66,155	5,614	7,650	10,447	5,107	196
Pacific.....	4,162,304	2,416,662	4,023,873	2,293,613	29,195	14,664	32,458	30,367	46,320	59,779	37,703	18,209	2,755
<b>NEW ENGLAND:</b>													
Maine.....	742,371	694,466	739,995	692,226	1,363	1,319	892	798	106	119	13	4	.....
New Hampshire.....	430,372	411,588	429,906	410,791	564	662	34	22	67	112	1	1	.....
Vermont.....	335,566	345,941	354,208	342,771	1,621	816	266	5	8	39	3	.....	.....
Massachusetts.....	3,366,416	2,865,346	3,324,959	2,739,764	38,085	31,974	688	587	2,882	2,968	181	53	14
Rhode Island.....	542,610	428,556	532,462	419,650	9,529	9,092	284	35	272	366	33	13	.....
Connecticut.....	1,114,756	998,430	1,098,897	892,424	15,174	15,226	152	153	462	399	71	18	.....
<b>MIDDLE ATLANTIC:</b>													
New York.....	9,113,614	7,208,894	8,966,845	7,156,881	134,191	99,222	6,048	5,257	5,266	7,170	1,247	354	10
New Jersey.....	2,357,167	1,883,669	2,445,894	1,812,317	89,760	69,844	1,695	63	1,130	1,303	206	52	.....
Pennsylvania.....	7,665,111	6,302,115	7,467,713	6,141,694	193,919	156,845	1,503	1,639	1,784	1,927	190	40	2
<b>EAST NORTH CENTRAL:</b>													
Ohio.....	4,767,121	4,157,545	4,654,897	4,069,204	111,452	96,901	127	42	569	371	76	27	.....
Indiana.....	2,709,876	2,516,462	2,639,961	2,458,802	60,340	57,538	279	243	276	207	38	5	2
Illinois.....	5,638,891	4,821,550	5,526,902	4,734,873	109,049	85,078	188	16	1,013	1,903	283	89	4
Michigan.....	2,810,173	2,420,982	2,785,247	2,398,463	17,115	15,816	7,519	5,354	2,143	240	49	9	2
Wisconsin.....	2,333,660	2,069,042	2,320,555	2,057,911	2,900	2,542	10,142	8,372	226	212	34	5	8
<b>WEST NORTH CENTRAL:</b>													
Minnesota.....	2,023,708	1,751,394	2,050,227	1,737,036	7,054	4,959	9,053	9,182	275	166	67	51	2
Iowa.....	2,224,771	2,251,853	2,299,191	2,218,667	14,973	12,603	471	382	97	104	36	7	.....
Missouri.....	3,293,335	3,106,665	3,194,932	2,944,843	157,452	161,234	313	130	535	449	99	9	.....
North Dakota.....	577,656	319,146	599,855	311,712	617	286	6,466	6,968	39	32	59	148	.....
South Dakota.....	583,888	401,570	563,771	380,714	817	465	19,307	20,225	121	105	42	1	.....
Nebraska.....	1,192,214	1,066,300	1,180,293	1,056,526	7,689	6,269	3,132	3,322	112	160	50	3	28
Kansas.....	1,669,949	1,470,495	1,634,352	1,416,319	54,030	52,003	2,444	2,130	167	209	107	4	.....
<b>SOUTH ATLANTIC:</b>													
Delaware.....	202,322	184,735	171,102	153,977	31,181	30,697	5	9	30	51	4	1	.....
Maryland.....	1,295,346	1,188,044	1,062,639	952,424	232,250	235,064	55	3	378	544	24	9	.....
District of Columbia.....	331,069	278,718	326,128	191,532	94,446	86,702	68	22	369	435	47	7	11
Virginia.....	2,061,612	1,854,184	1,859,890	1,192,855	671,096	600,722	539	354	154	243	14	10	.....
West Virginia.....	1,221,119	998,800	1,156,817	915,233	64,173	43,469	36	12	90	56	3	.....	.....
North Carolina.....	2,206,287	1,988,810	1,500,511	1,293,603	997,843	624,469	7,851	5,687	80	51	2	.....	.....
South Carolina.....	1,515,400	1,340,316	679,161	557,807	835,843	782,321	331	121	57	67	8	.....	.....
Georgia.....	2,609,121	2,216,331	1,431,802	1,181,294	1,176,987	1,034,813	95	19	233	204	4	1	.....
Florida.....	752,019	528,542	443,634	297,333	308,699	230,730	74	338	191	120	50	1	1
<b>EAST SOUTH CENTRAL:</b>													
Kentucky.....	2,289,995	2,147,174	2,027,951	1,892,309	261,656	284,706	234	102	52	57	12	.....	.....
Tennessee.....	2,154,789	2,020,616	1,711,432	1,540,186	473,688	480,243	216	108	43	75	8	4	.....
Alabama.....	2,138,063	1,825,697	1,228,832	1,001,132	998,282	827,307	969	177	62	58	4	3	4
Mississippi.....	1,797,114	1,851,270	786,111	641,200	1,099,487	997,630	1,263	2,263	257	2	.....	.....	.....
<b>WEST SOUTH CENTRAL:</b>													
Arkansas.....	1,574,449	1,311,564	1,131,026	944,580	442,891	366,856	460	66	62	62	9	.....	.....
Louisiana.....	1,656,388	1,381,625	941,086	729,612	713,874	650,804	780	563	607	599	31	17	110
Oklahoma.....	1,667,155	790,391	1,444,551	670,204	137,612	55,684	74,825	64,445	139	58	48	.....	.....
Texas.....	3,896,542	3,048,710	3,204,848	2,426,669	690,049	620,722	702	470	995	836	340	13	8
<b>MOUNTAIN:</b>													
Montana.....	376,053	243,329	360,580	226,283	1,834	1,623	10,745	11,343	1,283	1,799	1,585	2,441	24
Idaho.....	325,394	161,772	319,221	154,465	651	298	3,488	4,226	859	1,467	1,363	1,291	12
Wyoming.....	145,965	92,531	140,318	69,651	2,235	940	1,456	1,636	246	461	1,596	393	84
Colorado.....	799,024	530,700	783,415	529,946	11,453	8,570	1,462	1,467	373	590	2,300	48	1
New Mexico.....	327,301	150,510	304,294	180,207	1,628	1,810	20,377	13,144	248	241	238	8	.....
Arizona.....	204,354	122,911	171,438	92,903	2,009	1,848	29,201	26,480	1,303	1,410	371	251	.....
Utah.....	373,351	276,749	366,583	272,465	1,144	672	3,123	2,623	371	572	2,110	417	20
Nevada.....	81,876	42,335	74,276	35,465	513	134	6,240	5,216	467	1,332	864	228	55
<b>PACIFIC:</b>													
Washington.....	1,141,990	518,103	1,109,111	496,304	6,058	2,514	10,997	10,039	2,709	3,029	12,929	5,617	188
Oregon.....	672,765	413,536	655,000	394,582	1,492	1,105	5,060	4,961	3,763	3,697	3,418	2,501	312
California.....	2,377,649	1,485,033	2,259,672	1,492,727	21,645	11,045	16,371	15,377	36,248	45,753	41,356	10,151	2,257

1 Includes population of Indian Territory for 1900.

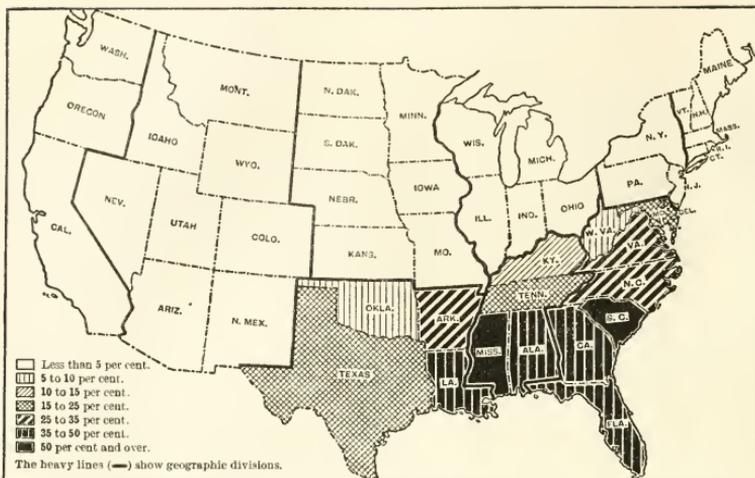
COLOR OR RACE, NATIVITY, AND PARENTAGE.

NATIVITY AND PARENTAGE, BY DIVISIONS AND STATES: 1910 AND 1900.

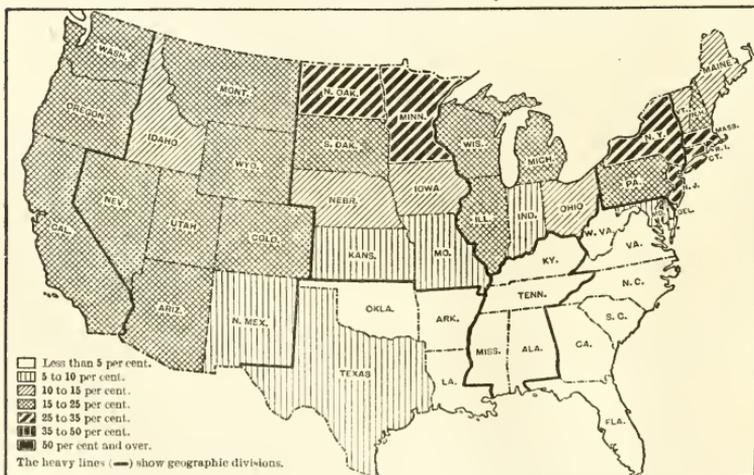
Table 13 DIVISION AND STATE.	TOTAL POPULATION BY NATIVITY.				WHITE POPULATION BY NATIVITY AND PARENTAGE.									
	Native.		Foreign born.		Native.									
					Total.		Native parentage.		Foreign parentage.		Mixed parentage.		Foreign born.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>United States....</b>	<b>78,456,389</b>	<b>65,633,259</b>	<b>13,515,856</b>	<b>10,341,276</b>	<b>68,366,412</b>	<b>56,395,379</b>	<b>46,488,575</b>	<b>40,940,362</b>	<b>12,916,311</b>	<b>10,632,280</b>	<b>5,981,526</b>	<b>5,013,737</b>	<b>13,345,545</b>	<b>10,213,817</b>
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.....	4,727,571	4,146,780	1,825,110	1,445,327	4,666,128	4,090,154	2,613,419	2,511,110	1,469,565	1,117,093	592,144	461,931	1,814,386	1,436,872
Middle Atlantic.....	14,464,719	12,137,119	4,851,173	3,317,559	14,004,273	11,808,746	8,462,961	7,406,579	4,113,076	3,143,021	1,478,236	1,259,156	4,826,179	3,302,116
East North Central.....	15,876,853	13,360,355	3,073,766	2,625,226	14,800,402	13,089,756	9,751,968	8,488,016	3,450,015	3,110,784	1,658,419	1,490,956	3,607,220	2,620,297
West North Central.....	10,021,226	8,814,475	1,616,995	1,533,245	9,738,308	8,534,712	6,523,687	5,660,963	2,102,703	1,933,117	1,142,000	940,662	1,613,231	1,531,105
South Atlantic.....	11,894,901	10,227,450	299,994	216,030	7,781,048	6,497,175	7,341,205	6,107,314	274,451	233,871	156,392	155,900	290,585	205,883
East South Central.....	8,322,076	7,457,189	87,825	90,568	5,667,469	4,955,163	5,402,492	4,725,774	123,915	131,048	81,062	98,343	86,837	89,892
West South Central.....	4,832,342	4,265,203	352,192	267,087	6,372,732	4,507,055	5,767,449	4,028,944	364,032	285,781	211,251	192,133	348,759	264,010
Mountain.....	2,180,185	1,372,688	453,322	301,969	2,083,545	1,291,494	1,466,624	855,101	370,009	266,255	246,112	170,138	456,910	288,361
Pacific.....	3,236,495	1,872,340	953,809	544,352	3,102,425	1,821,122	2,108,700	1,165,621	657,345	411,310	396,910	244,191	601,848	472,401
<b>NEW ENGLAND:</b>														
Maine.....	631,809	601,136	110,562	93,330	629,862	599,291	494,907	493,082	73,455	58,306	61,500	47,903	110,133	92,935
New Hampshire.....	333,903	323,481	96,667	88,107	333,348	322,830	230,231	242,614	67,601	53,282	35,516	26,934	96,558	87,661
Vermont.....	306,033	298,894	49,921	44,747	304,437	298,077	229,382	225,381	39,507	38,239	35,548	34,499	49,861	44,964
Massachusetts.....	2,307,171	1,959,022	1,059,245	846,324	2,273,876	1,929,650	1,103,429	1,022,264	848,820	650,694	323,627	246,662	1,031,660	840,114
Rhode Island.....	363,469	294,037	119,141	134,519	354,467	285,278	159,821	144,986	144,270	104,087	50,376	36,205	178,025	133,772
Connecticut.....	785,182	670,210	329,574	238,210	770,138	655,028	395,649	372,783	288,912	312,483	85,577	69,760	328,759	237,396
<b>MIDDLE ATLANTIC:</b>														
New York.....	6,365,033	5,368,469	2,748,011	1,900,425	6,237,573	5,267,358	3,230,325	2,851,513	2,241,837	1,761,888	765,411	653,977	2,729,272	1,899,523
New Jersey.....	1,876,379	1,451,785	660,788	431,884	1,787,706	1,382,267	1,009,309	829,765	417,531	402,893	201,786	153,401	658,138	470,010
Pennsylvania.....	6,222,737	5,316,865	1,442,374	985,250	6,028,954	5,159,121	4,222,727	3,729,095	1,295,228	978,260	611,039	451,768	1,438,719	982,543
<b>EAST NORTH CENTRAL:</b>														
Ohio.....	4,168,747	3,698,811	598,374	428,734	4,037,652	3,602,304	3,033,259	2,651,440	671,215	612,518	333,118	338,346	597,245	457,900
Indiana.....	2,541,212	2,374,341	159,623	140,112	2,490,639	2,316,611	2,130,088	1,992,194	211,008	215,785	139,543	148,662	195,222	141,861
Illinois.....	4,433,277	3,854,803	1,205,314	966,747	4,324,402	3,770,238	2,600,555	2,271,756	1,212,115	1,070,211	491,662	425,262	1,202,560	964,353
Michigan.....	2,122,623	1,879,329	597,560	547,560	2,189,723	1,858,367	1,224,841	1,026,714	611,339	533,547	333,283	298,106	595,524	504,196
Wisconsin.....	1,829,995	1,553,071	512,965	515,971	1,807,986	1,542,206	763,225	683,903	724,258	678,723	320,503	277,580	512,569	515,705
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....	1,532,113	1,246,076	543,595	505,318	1,516,217	1,232,101	575,081	425,780	667,460	597,806	273,676	298,321	543,010	504,933
Iowa.....	1,951,006	1,923,933	273,765	303,920	1,935,707	1,912,885	1,308,526	1,261,066	395,541	419,123	236,662	232,694	274,434	305,782
Missouri.....	3,063,556	2,890,286	229,779	216,379	2,906,636	2,729,068	2,387,353	2,204,874	312,027	319,110	206,174	200,684	228,896	215,775
North Dakota.....	420,402	260,055	156,654	113,611	413,697	199,122	162,461	65,811	104,667	102,689	71,182	30,061	156,158	112,570
South Dakota.....	483,698	313,662	100,760	88,508	463,143	292,385	245,652	136,191	143,045	110,915	74,446	45,279	100,628	88,329
Nebraska.....	1,015,552	888,953	176,667	177,347	1,004,428	879,409	642,975	553,524	234,670	221,983	128,837	103,902	175,868	117,117
Kansas.....	1,555,409	1,343,810	135,450	126,685	1,499,102	1,289,742	1,207,057	1,013,655	169,906	161,506	122,199	114,381	135,190	126,577
<b>SOUTH ATLANTIC:</b>														
Delaware.....	184,830	170,925	17,492	13,810	153,682	140,248	127,859	118,029	17,566	14,767	8,307	7,452	17,420	13,729
Maryland.....	1,196,402	1,094,110	114,934	93,934	958,465	856,280	766,627	680,049	130,321	119,188	61,517	60,643	104,351	93,144
District of Columbia.....	306,167	238,599	24,902	20,419	211,777	172,012	166,711	134,073	26,322	22,449	18,544	15,490	24,351	19,520
Virginia.....	2,034,555	1,834,723	27,057	19,166	1,368,181	1,173,787	1,325,238	1,141,213	21,613	17,099	16,800	15,475	26,028	19,068
West Virginia.....	1,163,901	936,349	57,218	22,451	1,099,745	892,854	1,042,167	843,981	35,467	26,838	22,231	22,035	57,072	27,379
North Carolina.....	2,200,195	1,889,318	6,092	4,492	1,494,569	1,259,209	1,485,718	1,250,811	3,886	3,221	4,965	5,077	9,642	4,394
South Carolina.....	1,909,221	1,334,788	6,179	5,928	673,107	522,436	661,970	540,706	5,739	5,936	5,378	5,794	6,054	5,371
Georgia.....	2,568,644	2,203,928	15,427	10,403	1,416,730	1,169,273	1,391,038	1,144,360	13,232	12,066	12,440	12,907	16,021	12,021
Florida.....	711,986	504,710	40,633	23,852	409,792	278,076	373,967	254,032	20,145	12,267	15,680	11,777	33,842	19,257
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.....	2,249,743	2,096,925	10,162	50,249	1,987,898	1,812,176	1,863,194	1,673,413	76,523	86,236	48,181	52,527	60,053	30,133
Tennessee.....	2,166,182	2,002,870	18,607	17,746	1,692,973	1,522,600	1,654,606	1,451,630	20,572	21,281	17,488	18,459	17,586	15,489
Alabama.....	2,118,807	1,814,165	19,286	14,952	1,209,876	986,814	1,177,459	960,658	17,667	15,186	14,750	14,970	18,366	14,338
Mississippi.....	1,787,344	1,543,289	9,770	7,881	776,722	633,575	757,233	614,067	1,135	8,845	10,836	11,163	9,389	7,625
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	1,537,403	1,297,275	17,040	14,289	1,114,117	930,394	1,077,509	897,668	18,387	15,199	18,221	17,527	16,909	14,186
Louisiana.....	1,603,622	1,328,722	52,566	52,663	889,304	677,759	776,567	569,962	68,389	63,317	44,328	44,000	51,782	51,833
Oklahoma.....	1,616,713	780,853	40,442	20,328	1,404,447	649,814	1,310,403	691,552	49,877	24,683	44,167	23,579	40,084	20,380
Texas.....	3,654,604	2,859,338	241,938	179,357	2,964,864	2,249,088	2,602,900	1,659,762	227,379	182,882	134,535	106,744	239,864	177,581
<b>MOUNTAIN:</b>														
Montana.....	281,140	176,262	94,713	67,067	268,936	163,010	182,127	92,937	68,606	46,246	38,293	24,727	91,644	62,373
Idaho.....	283,016	137,108	42,578	24,604	278,794	132,605	203,599	89,851	40,075	23,373	35,120	19,381	40,427	21,890
Wyoming.....	116,945	75,116	29,020	17,415	113,200	72,469	80,696	47,482	19,751	15,450	12,753	9,037	27,118	16,582
Colorado.....	699,437	448,545	129,587	91,155	656,564	438,371	473,136	311,333	114,747	79,692	66,681	47,544	126,851	90,475
New Mexico.....	304,155	181,685	23,146	13,225	281,940	166,946	235,609	149,029	14,410	9,677	11,921	8,290	22,654	13,261
Arizona.....	155,589	98,968	48,765	24,233	124,644	70,308	82,468	44,830	26,117	15,466	16,050	10,212	46,824	22,305
Utah.....	307,529	222,972	65											

## ABSTRACT OF THE CENSUS—POPULATION.

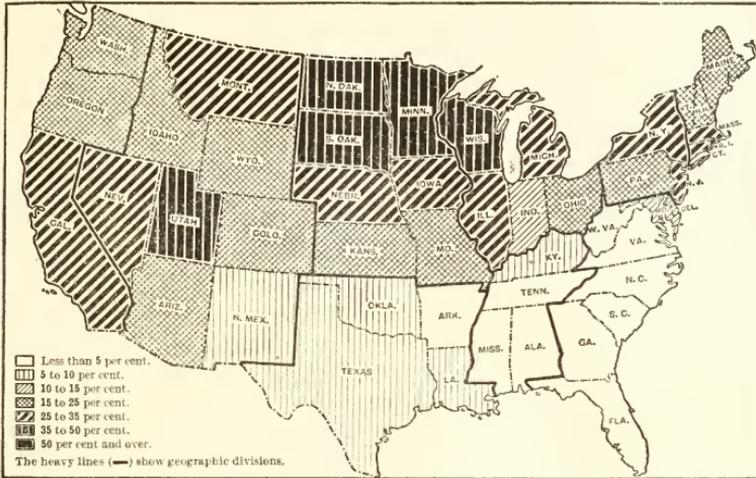
## PERCENTAGE OF NEGROES IN THE TOTAL POPULATION: 1910.



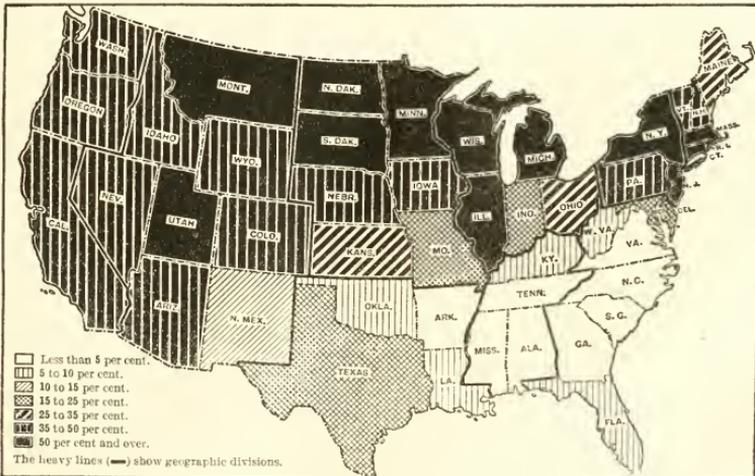
## PERCENTAGE OF FOREIGN-BORN WHITES IN THE TOTAL POPULATION: 1910.



PERCENTAGE OF NATIVE WHITES OF FOREIGN OR MIXED PARENTAGE IN THE TOTAL POPULATION: 1910.



PERCENTAGE OF FOREIGN-BORN WHITES AND NATIVE WHITES OF FOREIGN OR MIXED PARENTAGE COMBINED IN THE TOTAL POPULATION: 1910.



COLOR OR RACE, NATIVITY, AND PARENTAGE—PER CENT DISTRIBUTION, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 11

PER CENT OF TOTAL POPULATION.

DIVISION AND STATE.	White.		Negro.		Indian, Chinese, Japanese, and all other.		Native white.						Foreign-born.		Total native (all races).		Total foreign born (all races).	
	1910	1900	1910	1900	1910	1900	Total.		Native parentage.		Foreign or mixed par.		1910	1900	1910	1900	1910	1900
							1910	1900	1910	1900	1910	1900						
United States.....	88.9	87.9	10.7	11.6	0.4	0.5	74.4	74.5	53.8	53.9	20.5	20.6	14.5	13.4	85.3	86.4	14.7	13.6
GEOGRAPHIC DIVISIONS:																		
New England.....	98.9	98.8	1.0	1.1	0.1	0.1	71.2	73.1	39.9	44.9	31.3	28.2	27.7	25.7	72.1	74.2	27.9	25.8
Middle Atlantic.....	97.7	97.8	2.2	2.1	0.1	0.1	72.8	76.4	43.8	47.9	28.9	28.5	25.0	21.4	74.9	78.5	25.1	21.5
East North Central.....	98.2	98.3	1.6	1.6	0.1	0.1	81.4	81.9	53.4	53.1	28.0	28.8	16.8	16.4	83.2	83.6	16.6	16.4
West North Central.....	97.5	97.3	2.1	2.3	0.4	0.4	83.7	82.5	56.1	54.7	27.6	27.8	13.9	14.8	86.1	85.2	13.9	14.8
South Atlantic.....	66.2	64.2	33.7	35.7	0.1	0.1	63.8	62.2	60.2	58.5	3.6	3.7	2.4	2.0	97.5	97.9	2.5	2.1
East South Central.....	68.4	66.8	31.5	33.1	(*)	(*)	67.4	65.7	64.8	62.6	2.6	3.0	1.0	1.2	99.0	98.8	1.0	1.2
West South Central.....	76.5	73.0	22.6	25.9	0.9	1.0	72.5	69.0	63.7	61.7	6.9	7.3	4.0	4.0	96.0	95.9	4.0	4.1
Mountain.....	95.7	94.3	0.8	0.9	3.5	4.7	79.1	77.1	55.7	51.1	23.4	26.1	16.6	17.2	82.8	82.2	17.2	18.0
Pacific.....	96.0	94.9	0.7	0.6	3.3	4.5	75.4	75.4	50.3	48.2	25.1	27.1	20.5	19.6	76.2	77.5	22.8	22.5
NEW ENGLAND:																		
Maine.....	99.7	99.7	0.2	0.2	0.1	0.1	84.8	86.3	66.7	71.0	18.2	15.3	14.8	13.4	85.1	86.6	14.9	13.4
New Hampshire.....	99.8	99.8	0.1	0.2	(*)	(*)	77.4	78.4	53.5	58.9	23.9	19.5	22.4	21.4	77.5	78.6	22.5	21.4
Vermont.....	99.5	99.7	0.5	0.2	(*)	(*)	85.5	86.7	64.4	65.6	21.1	21.2	14.0	13.0	86.0	87.0	14.0	13.0
Massachusetts.....	98.8	98.7	1.1	1.1	0.1	0.1	67.5	68.8	32.8	36.8	34.8	32.0	31.2	29.9	68.5	69.8	31.5	30.2
Rhode Island.....	98.1	97.8	1.8	2.1	0.1	0.1	63.3	66.6	39.5	38.5	35.9	32.7	32.8	31.2	67.0	68.6	33.0	31.4
Connecticut.....	98.6	98.2	1.4	1.7	0.1	0.1	69.1	72.1	35.5	41.0	33.6	31.1	29.5	26.1	70.4	73.8	29.6	26.2
MIDDLE ATLANTIC:																		
New York.....	98.4	98.4	1.5	1.4	0.1	0.2	68.4	72.5	35.4	39.2	33.0	33.2	29.6	26.0	69.8	73.9	30.2	26.9
New Jersey.....	96.4	96.2	3.5	3.7	0.1	0.1	70.5	73.4	39.8	43.8	30.7	29.5	25.9	22.8	74.0	77.1	26.0	22.9
Pennsylvania.....	97.4	97.5	2.5	2.5	(*)	(*)	78.7	81.9	55.1	59.2	23.6	22.7	18.8	15.5	81.2	84.4	18.8	15.6
EAST NORTH CENTRAL:																		
Ohio.....	97.6	97.7	2.3	2.3	(*)	(*)	85.1	86.6	63.6	63.8	21.5	22.9	12.5	11.0	87.4	89.0	12.6	11.0
Indiana.....	97.7	97.7	2.2	2.2	(*)	(*)	91.8	92.1	78.9	77.6	13.0	14.5	5.0	5.6	94.1	94.4	5.9	5.6
Illinois.....	98.0	98.2	1.9	1.8	(*)	(*)	76.7	78.2	46.1	41.1	30.6	31.1	21.3	20.0	78.6	78.9	21.4	20.1
Michigan.....	99.1	99.1	0.6	0.7	0.3	0.3	77.9	76.8	43.6	42.4	34.3	34.4	21.2	22.3	78.7	77.6	21.3	22.4
Wisconsin.....	99.4	99.5	0.1	0.1	0.4	0.4	77.5	74.5	32.7	28.3	44.8	46.2	22.0	24.9	78.0	75.1	22.0	24.9
WEST NORTH CENTRAL:																		
Minnesota.....	99.2	99.2	0.3	0.3	0.5	0.5	73.0	70.3	27.7	24.3	45.3	46.0	26.2	28.8	73.8	71.1	26.2	28.9
Iowa.....	99.3	99.4	0.7	0.6	(*)	(*)	87.0	85.7	78.6	56.5	28.4	29.2	12.3	13.7	87.7	86.3	12.3	13.7
Missouri.....	95.2	94.8	4.8	5.2	(*)	(*)	88.2	87.8	72.5	71.0	15.7	16.9	7.0	6.9	93.0	93.0	7.0	7.0
North Dakota.....	98.8	97.7	0.1	0.1	1.1	2.2	71.7	62.4	28.2	20.6	43.5	41.8	27.1	35.3	72.9	64.6	27.1	35.4
South Dakota.....	96.6	94.5	0.1	0.1	3.3	5.1	79.3	72.8	42.1	33.9	37.2	38.9	17.2	22.0	82.7	78.0	17.2	22.0
Nebraska.....	99.0	99.1	0.6	0.6	0.4	0.3	84.2	82.5	53.9	51.9	30.4	30.6	14.8	16.6	83.2	83.4	14.8	16.6
Kansas.....	96.7	96.3	3.2	3.5	0.2	0.1	88.7	87.7	71.4	68.9	17.3	18.8	8.0	8.6	92.0	91.4	8.0	8.6
SOUTH ATLANTIC:																		
Delaware.....	84.6	83.4	15.4	16.6	(*)	(*)	76.0	75.9	63.2	63.9	12.8	12.0	8.6	7.4	91.4	92.5	8.6	7.5
Maryland.....	82.0	80.2	17.9	19.8	(*)	(*)	74.0	72.3	59.2	57.2	14.8	15.1	8.0	7.8	91.9	92.1	8.1	7.9
District of Columbia.....	71.3	68.7	28.5	31.1	0.1	0.2	64.0	61.7	50.4	48.1	13.6	13.6	7.4	7.0	92.5	92.8	7.5	7.2
Virginia.....	67.4	64.3	32.6	35.6	(*)	(*)	66.1	63.3	64.3	64.5	1.8	1.8	1.3	1.0	97.9	99.0	1.3	1.0
West Virginia.....	94.7	95.5	5.5	4.5	(*)	(*)	90.1	90.1	85.3	88.0	4.7	5.1	4.7	2.3	95.3	97.7	4.7	2.3
North Carolina.....	68.0	66.7	31.6	33.0	0.4	0.3	67.7	66.5	67.3	66.0	0.4	0.4	0.3	0.2	99.7	99.8	0.3	0.2
South Carolina.....	44.8	41.6	55.2	58.4	(*)	(*)	44.4	41.2	43.7	40.3	0.7	0.9	0.4	0.4	99.6	99.6	0.4	0.4
Georgia.....	54.9	53.3	45.1	46.7	(*)	(*)	54.3	52.8	53.3	51.6	1.0	1.1	0.6	0.5	99.4	99.4	0.6	0.6
Florida.....	58.9	56.3	45.0	43.7	(*)	0.1	54.4	52.6	49.7	48.1	4.8	4.5	3.6	3.6	94.6	95.5	5.4	4.5
EAST SOUTH CENTRAL:																		
Kentucky.....	88.6	86.7	11.4	13.3	(*)	(*)	86.8	84.4	81.4	77.9	5.4	6.5	1.7	2.3	98.2	97.7	1.8	2.3
Tennessee.....	78.3	76.2	21.7	23.8	(*)	(*)	77.5	75.4	75.7	73.3	1.8	2.0	0.8	0.9	99.1	99.1	0.9	0.9
Alabama.....	57.5	54.7	42.5	45.2	(*)	(*)	56.6	54.0	55.1	52.3	1.5	1.6	0.9	0.8	99.1	99.2	0.9	0.8
Mississippi.....	43.7	41.3	56.2	58.5	0.1	0.2	43.2	40.8	42.1	39.6	1.1	1.3	0.5	0.5	99.5	99.5	0.5	0.5
WEST SOUTH CENTRAL:																		
Arkansas.....	71.8	72.0	28.1	28.0	(*)	(*)	70.8	70.9	68.4	68.4	2.3	2.5	1.1	1.1	98.9	98.9	1.1	1.1
Louisiana.....	53.8	48.1	47.1	0.1	0.1	53.7	49.1	46.9	41.3	6.8	7.8	3.1	3.8	96.8	96.2	3.2	3.8	
Oklahoma <sup>a</sup> .....	87.2	84.8	8.3	7.0	4.5	8.2	84.8	82.2	79.1	76.1	5.7	6.1	2.4	2.6	97.6	97.4	2.4	2.6
Texas.....	82.2	79.6	17.7	20.4	(*)	(*)	76.1	73.8	69.8	64.3	9.3	9.5	6.2	5.8	93.8	94.1	6.2	5.9
MOUNTAIN:																		
Montana.....	95.9	95.0	0.5	0.6	3.6	6.4	71.5	67.4	43.1	38.2	28.4	29.2	24.4	25.6	74.8	72.4	25.2	27.6
Idaho.....	98.0	95.5	0.2	0.2	1.8	4.3	85.6	82.0	62.5	55.5	23.1	26.4	12.4	13.5	86.9	84.8	13.1	15.2
Wyoming.....	96.1	96.2	1.5	1.0	2.3	2.7	77.6	78.3	55.3	51.9	22.3	26.5	18.6	17.9	80.1	81.2	19.9	18.8
Colorado.....	88.0	90.0	1.4	1.6	0.5	0.4	82.2	81.3	59.5	57.7	22.7	23.6	15.9	16.8	83.8	83.1	16.2	16.9
New Mexico.....	93.1	92.3	0.5	0.8	6.4	6.9	86.1	85.5	79.5	76.3	8.0	9.2	6.9	6.8	92.9	93.0	7.1	7.0
Arizona.....	83.9	75.6	11.0	13.5	15.1	22.0	61.0	57.4	40.4	36.5	20.6	20.9	22.9	18.2	76.1	80.3	23.9	19.7
Utah.....	98.2	98.5	0.3	0.2	1.5	1.3	81.2	79.4	46.0	37.6	35.2	41.8	17.0	15.1	82.4	80.6	17.6	19.4
Nevada.....	90.7	83.6	0.6	0.3	8.7	10.1	68.7	63.4	51.1	35.7	25.6	27.7	22.0	20.3	75.9	76.2	24.1	23.8
PACIFIC:																		
Washington.....	97.1	95.8	0.5	0.5	2.3	3.4	82.1	76.0	76.1	51.3	24.7	24.9	21.1	19.7	77.6	78.5	22.4	21.5
Oregon.....	97.4	95.4	0.2	0.3	2.4	4.3	82.1	82.4	62.0	61.9	20.1	20.5	15.3	13.0	83.2	84.1	16.8	15.9
California.....	85.0	80.5	0.9	0.7	4.0	4.8	73.3	73.1	46.5	43.4	26.7	29.7	21.8	21.3	75.3	75.3	24.7	24.7

<sup>a</sup> Less than one-tenth of 1 per cent.<sup>b</sup> Includes Indian Territory for 1900.

The distribution by color or race, nativity, and parentage of the population of each division and state in 1910 and 1900 is shown by percentages in Table 14. The figures for 1910 may be more readily grasped by means of the accompanying diagram and the four maps on pages 84 and 85.

COLOR OR RACE, NATIVITY, AND PARENTAGE: 1910.

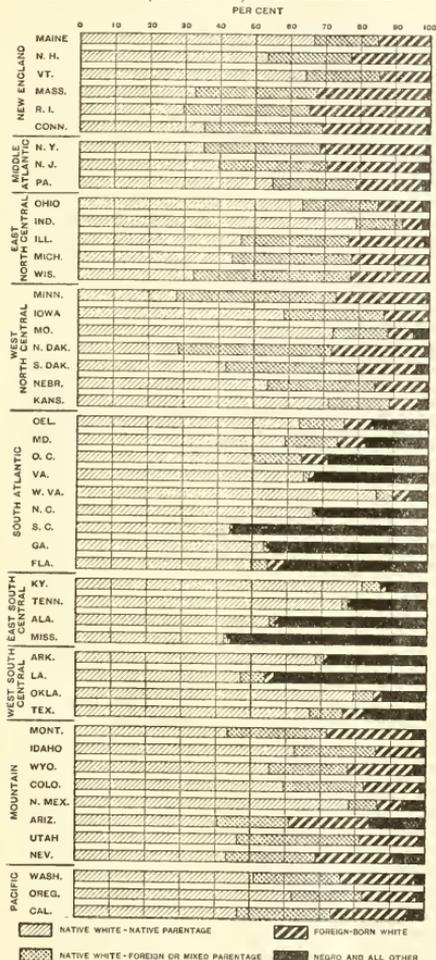


Table 15

SECTION AND DIVISION.	PER CENT OF TOTAL POPULATION: 1910					
	White.	Negro.	Ind., Chi., Jap., and all other.	Native white.		Foreign- born white.
				Native parent- age.	Foreign or mixed parent- age.	
United States.....	88.9	10.7	0.4	53.9	20.5	14.5
<b>The North.....</b>	98.0	1.8	0.2	49.1	28.6	20.3
New England.....	98.9	1.0	0.1	39.9	31.3	27.7
Middle Atlantic.....	97.7	2.2	0.1	43.8	28.9	25.0
East North Central.....	98.2	1.6	0.1	53.4	28.0	16.8
West North Central.....	97.5	2.1	0.4	56.1	27.6	13.9
<b>The South.....</b>	69.9	29.8	0.3	63.2	4.3	2.5
South Atlantic.....	66.2	33.7	0.1	60.2	3.6	2.4
East South Central.....	68.4	31.6	(5)	64.8	2.6	1.0
West South Central.....	76.5	22.6	0.9	65.7	6.9	4.0
<b>The West.....</b>	95.9	0.7	3.4	52.4	24.5	19.0
Mountain.....	95.7	0.8	3.5	55.7	24.4	16.6
Pacific.....	96.0	0.7	3.3	50.3	25.1	20.5

<sup>1</sup> Less than one-tenth of 1 per cent.

In 1910 whites constituted 98 per cent of the total population in the North, 95.9 per cent in the West, and 69.9 per cent in the South. The nonwhite population in the North and in the South consists chiefly of negroes, but in the West it consists chiefly of Indians, Chinese, and Japanese.

Among the nine geographic divisions the proportion of whites in 1910 was highest in New England (98.9 per cent) and lowest in the South Atlantic division (66.2 per cent); among the individual states it was highest in New Hampshire (99.8 per cent) and lowest in Mississippi and South Carolina, the only states where whites constituted less than one-half of the population.

Native whites of native parentage constituted in 1910 approximately one-half of the total population of the North (49.1 per cent) and of the West (52.4 per cent), but in the South they constituted a little over five-eighths (63.2 per cent) of the total. Native whites of foreign or mixed parentage formed 28.6 per cent of the total population in the North, 24.5 per cent in the West, and only 4.3 per cent in the South. Foreign-born whites constituted a much larger proportion in the North (20.3 per cent) and in the West (19 per cent) than in the South (2.5 per cent).

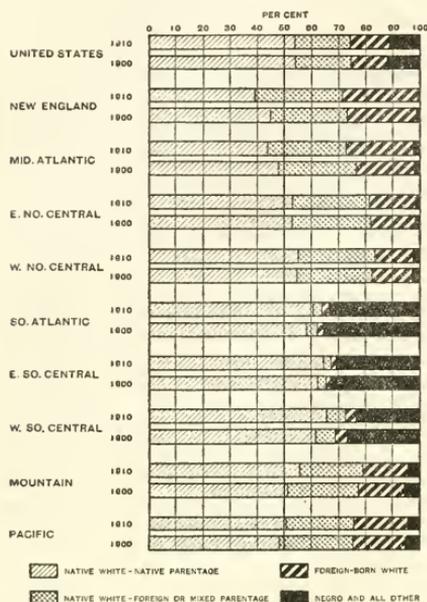
Considering the nine geographic divisions, the proportion of native whites of native parentage in the total population was highest in the West South Central division (65.7 per cent), but was approximately the same in the East South Central (64.8 per cent); it was lowest in New England (39.9 per cent). On the other hand, the proportion of native whites of foreign or mixed parentage was highest in New England (31.3 per cent) and lowest in the East South Central division (2.6 per cent). These same two divisions, likewise, ranked highest and lowest, respectively, in the proportion of foreign-born whites (27.7 per cent and 1 per cent of their total population, respectively).

Table 14 also shows the composition of the population of each division and state in 1910 in comparison

Table 15, derived from Table 14, presents percentages for 1910 for each division and for each of the three great geographic sections, the North, the South, and the West.

with that in 1900. For the nine geographic divisions the changes which have taken place are shown in the accompanying diagram.

COLOR OR RACE, NATIVITY, AND PARENTAGE: 1910 AND 1900.



Comparing the percentages for 1910 with those for 1900, as shown in Table 14, it appears that whites formed a larger proportion of the total population in 1910 than in 1900 in each geographic division except the Middle Atlantic and the East North Central, in both of which the change in the other direction was insignificant. In every Southern state except West Virginia and Arkansas the proportion of whites was appreciably higher in 1910 than in 1900.

Of the total population of the United States, 53.8 per cent were native whites of native parentage in 1910 and 53.9 per cent in 1900. But while the percentage remained practically unchanged for the country as a whole, it decreased in every New England and Middle Atlantic state and also in Ohio, Illinois, Delaware, and West Virginia. On the other hand, the native whites of foreign or mixed parentage constituted a greater proportion of the population in 1910 than in 1900 in most of the states of the New England and Middle Atlantic divisions, while the proportion declined or remained unchanged in every

state outside of these two divisions except North Dakota, Delaware, and Florida. The foreign-born whites formed a larger proportion of the population in 1910 than in 1900 in the New England, Middle Atlantic, East North Central, South Atlantic, and Pacific divisions, but a smaller proportion in the West North Central, East South Central, and Mountain divisions. The slight changes in the small percentages of foreign-born whites in the southern divisions, however, are not especially significant. The increase in the proportion of foreign-born whites was most marked in the Middle Atlantic division (from 21.4 per cent in 1900 to 25 per cent in 1910). The proportion was, however, even somewhat higher in New England, although the change between 1900 and 1910 (from 25.7 to 27.7 per cent) was less. The increase in the proportion of foreign-born whites was greatest in Arizona (from 18.2 per cent in 1900 to 22.9 in 1910), New York (from 26 per cent to 29.9 per cent), Connecticut (from 26.1 to 29.5), Pennsylvania (from 15.6 to 18.8), and New Jersey (from 22.8 to 25.9).

In Table 14 are given also the percentages native and foreign born in the aggregate population. As already stated, practically all negroes and Indians are native, while most of the Chinese and Japanese are foreign born. Except, however, in the South and in some Western states the colored elements in the population are not of sufficient importance to make the percentages for the total native and total foreign-born population differ materially from the percentages for the native white and foreign-born white. These differences are easily interpreted if the geographic distribution of the colored elements is kept in mind.

Broadly speaking, the percentage of foreign born has increased in the East and the far West but declined or remained practically stationary in the central and southern portions of the United States.

**White population by nativity and parentage.**—Table 16 shows for each division and state in 1910 and 1900 the percentage of the total white population represented by each nativity or parentage group.

Naturally in those sections of the country where the population is almost all white the difference between the percentage which any class of the white population forms of the total population and the percentage which it forms of the white population is inappreciable. In the South, however, the difference is very marked. In the South Atlantic division the native whites of native parentage in 1910 constituted 60.2 per cent of the total population, but 91 per cent of the white population. In the East South Central division the percentages were 64.8 and 94.8, respectively; in the West South Central, 65.7 and 85.8. Of the white population of North Carolina in 1910, 99 per cent were natives of native parentage, the corresponding percentage in

South Carolina being 97.5; in Georgia, 97.2; in Tennessee, 96.7; in Mississippi, 96.3; in Alabama, 95.8; in Virginia, 95.4; and in Arkansas, 95.3.

**Table 16** PER CENT OF TOTAL WHITE POPULATION.

DIVISION AND STATE.	NATIVE.								FOREIGN BORN.	
	Total.		Native parentage.		Foreign or mixed parentage.		Foreign born.		1910	1900
	1910	1900	1910	1900	1910	1900	1910	1900		
<b>United States.....</b>	<b>83.7</b>	<b>84.7</b>	<b>60.5</b>	<b>61.3</b>	<b>23.1</b>	<b>23.4</b>	<b>16.3</b>	<b>15.3</b>		
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	72.0	74.0	40.3	45.4	31.7	28.6	28.0	26.0		
Middle Atlantic.....	74.4	78.1	44.8	49.0	28.6	29.1	25.6	21.9		
East North Central.....	82.9	83.3	54.4	54.0	28.5	29.3	17.1	16.7		
West North Central.....	88.8	88.8	57.2	56.8	36.6	36.6	14.2	13.2		
South Atlantic.....	96.4	96.9	91.0	91.1	5.4	5.8	3.6	3.1		
East South Central.....	96.3	96.2	94.8	93.7	4.7	4.5	1.5	1.8		
West South Central.....	94.8	94.1	80.0	81.6	10.0	10.0	3.4	3.1		
Mountain.....	82.7	81.7	58.2	54.1	24.5	25.7	17.3	18.3		
Pacific.....	78.6	79.4	42.4	50.8	26.2	28.6	21.4	20.6		
<b>NEW ENGLAND:</b>										
Maine.....	85.1	86.6	66.9	71.2	18.2	15.3	14.9	13.4		
New Hampshire.....	77.5	78.9	53.6	59.1	24.0	19.5	22.5	21.4		
Vermont.....	85.9	87.0	64.7	65.8	21.2	21.2	14.1	13.0		
Massachusetts.....	68.4	69.7	33.3	37.3	35.2	32.4	31.6	30.3		
Rhode Island.....	66.6	68.1	30.0	34.6	36.6	33.2	30.4	31.9		
Connecticut.....	70.1	73.4	36.0	41.8	34.1	31.6	29.9	26.6		
<b>MIDDLE ATLANTIC:</b>										
New York.....	69.6	69.8	36.0	39.8	33.5	33.8	30.4	26.4		
New Jersey.....	73.1	75.3	41.3	45.6	31.8	30.7	26.9	23.7		
Pennsylvania.....	80.7	84.6	56.5	60.7	24.2	23.3	19.3	19.0		
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	87.2	88.7	65.2	65.3	22.0	23.4	12.8	11.3		
Indiana.....	91.0	91.2	80.7	79.4	13.3	11.8	6.6	5.3		
Illinois.....	78.2	79.6	47.1	48.0	31.2	31.6	21.8	20.4		
Michigan.....	78.6	77.5	44.0	42.8	34.6	34.7	21.4	22.5		
Wisconsin.....	77.9	79.4	32.9	28.5	45.0	46.5	22.1	25.1		
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	73.6	70.9	27.9	24.5	45.7	46.4	26.4	29.1		
Iowa.....	87.6	86.2	59.0	56.8	28.6	29.4	12.4	13.5		
Missouri.....	92.7	92.7	76.7	76.7	16.5	17.8	7.3	7.3		
North Dakota.....	72.6	63.9	28.5	21.1	44.1	42.8	27.4	36.1		
South Dakota.....	87.8	87.9	61.7	61.6	26.5	26.5	11.0	11.0		
Nebraska.....	83.1	83.2	54.4	52.4	30.7	30.8	14.9	16.8		
Kansas.....	91.7	91.1	73.9	71.6	17.9	19.5	8.3	8.9		
<b>SOUTH ATLANTIC:</b>										
Delaware.....	89.8	91.1	74.7	76.7	15.1	14.4	10.2	8.9		
Maryland.....	90.2	90.2	72.1	71.4	18.1	17.8	9.8	9.8		
District of Columbia.....	89.7	89.8	86.6	70.0	19.1	19.8	10.3	10.2		
Virginia.....	98.1	98.4	95.4	95.7	2.7	2.7	1.9	1.6		
West Virginia.....	96.1	97.6	90.1	92.2	5.0	5.3	4.9	2.4		
North Carolina.....	99.4	99.7	99.0	99.0	0.6	0.7	0.4	0.3		
South Carolina.....	99.1	99.0	97.5	96.9	1.6	2.1	0.9	1.0		
Georgia.....	96.9	99.0	97.2	96.9	1.8	2.1	1.1	1.0		
Florida.....	92.4	95.3	84.3	85.4	8.1	8.1	7.6	6.3		
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	98.0	97.3	91.9	89.9	6.1	7.5	2.0	2.7		
Tennessee.....	98.8	98.9	96.7	96.2	2.2	2.7	1.1	1.1		
Alabama.....	98.3	96.8	95.8	95.6	2.6	3.0	1.5	1.4		
Mississippi.....	98.8	98.8	96.3	93.8	2.5	3.0	1.2	1.2		
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	98.5	98.5	95.0	95.0	3.2	3.5	1.5	1.5		
Louisiana.....	94.5	92.9	82.5	78.1	12.0	14.8	5.5	7.1		
Oklahoma.....	97.2	97.2	90.7	89.8	6.5	7.2	2.8	3.6		
Texas.....	92.5	92.7	81.2	80.8	11.3	11.9	7.5	7.3		
<b>MOUNTAIN:</b>										
Montana.....	74.6	72.4	45.0	41.1	29.6	31.4	25.4	27.6		
Idaho.....	87.3	85.8	63.8	58.2	23.6	27.7	12.7	14.2		
Wyoming.....	80.1	81.4	57.5	53.9	23.2	27.5	19.3	18.6		
Colorado.....	83.8	82.9	60.6	58.8	23.2	24.1	16.2	17.1		
New Mexico.....	82.7	82.6	83.9	82.7	8.6	9.9	7.4	7.4		
Arizona.....	72.7	75.9	48.2	48.3	28.6	27.6	17.3	17.3		
Utah.....	82.7	80.6	46.8	48.2	35.9	32.4	17.3	19.4		
Nevada.....	75.8	75.8	47.6	47.2	28.2	33.1	24.2	24.2		
<b>PACIFIC:</b>										
Washington.....	78.3	79.4	52.8	53.4	25.5	26.0	21.7	20.6		
Oregon.....	84.3	86.3	63.6	64.9	20.6	21.4	15.7	13.7		
California.....	77.1	77.4	49.0	45.9	28.1	31.5	22.9	22.6		

<sup>1</sup> Includes Indian Territory for 1900.

In both the New England and the Middle Atlantic divisions the native whites of native parentage constituted less than half the whole number of white persons in 1910. In Minnesota only 27.9 per cent, or hardly more than one-fourth, of the total white population were natives of native parentage. The percent-

age was almost as low in North Dakota, where it was 28.5; in Wisconsin it was 32.9. Other low percentages were found in the East. In Rhode Island 30 per cent of the white population were natives of native parentage; in Massachusetts, 33.2 per cent; in Connecticut, and also in New York, 36 per cent. These are all the states in which less than two-fifths of the white population were natives of native parentage. There are also nine other states where the native whites of native parentage formed less than half the white population. In several states the native whites of native parentage were exceeded in number by those of foreign or mixed parentage. This was the case in Massachusetts, Rhode Island, Wisconsin, Minnesota, and North Dakota.

**Increase by color or race, nativity, and parentage.**—The absolute and relative increase during the decade 1900-1910 is shown by divisions and states for the principal color or race, nativity, and parentage elements in Table 17.

The statistics in this table are particularly useful in that they show the relative increase of the several elements within a single division or state. Differences among divisions or states with reference to the rate of increase for any given class may result merely from the general differences in the rate at which the population as a whole is increasing. In considering these statistics it should be borne in mind that the increase in any given class by no means represents exactly the natural growth by excess of births over deaths. Aside from the factors which have already been mentioned as contributing to the growth of the several elements, particularly the white elements, in the country as a whole (see page 78), the growth in individual states and divisions is largely affected by interstate and inter-divisional migration.

Between 1900 and 1910 the white population increased more rapidly than the negro in each of the three southern divisions, where negroes are most numerous, and also in the New England, West North Central, and Mountain divisions. In the Middle Atlantic, East North Central, and Pacific divisions, however, the negroes increased the more rapidly, but in the Pacific division there are still very few negroes. In the South as a whole the white population increased from 16,521,970 to 20,547,420, or 24.4 per cent, while the negroes increased from 7,922,969 to 8,749,427, or 10.4 per cent. Migration of whites to the South and of negroes to the North accounts in part for this difference. Many of the individual states in the northern and western divisions present conditions as to the relative growth of the white and negro population differing from those shown by the divisions in which the states are located. In the South, however, the only states where the negroes increased faster than the whites were Arkansas, Oklahoma, and West Virginia.

## INCREASE BY COLOR OR RACE, NATIVITY, AND PARENTAGE, BY DIVISIONS AND STATES: 1900-1910.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 17 DIVISION AND STATE.	TOTAL.		WHITE.		NEGRO.		INDIAN, CHINESE, JAPANESE, AND ALL OTHER.		NATIVE WHITE.						FOREIGN-BORN WHITE.	
									Total.		Native parentage.		Foreign or mixed par.			
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
United States.....	15,877,891	21.6	14,922,761	22.3	999,769	11.2	61,161	17.4	11,791,093	20.8	8,539,213	20.9	3,261,820	20.8	3,141,728	30.7
GEOGRAPHIC DIVISIONS:																
New England.....	960,664	17.2	933,488	17.3	7,207	12.2	-31	-0.5	575,974	14.1	102,309	4.1	473,665	30.0	377,514	26.3
Middle Atlantic.....	3,961,214	25.0	3,769,390	24.9	91,949	28.2	-233	-1.8	2,245,327	19.0	1,056,382	14.3	1,189,146	27.0	1,324,063	46.1
East North Central.....	2,263,049	14.2	2,217,369	14.1	42,994	16.7	4,477	23.3	1,770,646	13.5	1,263,962	14.9	506,694	11.0	446,923	17.2
West North Central.....	1,290,438	12.5	1,285,804	12.5	4,753	2.0	-59	-0.1	1,203,678	14.1	802,784	15.2	340,894	11.9	82,126	5.4
South Atlantic.....	1,751,415	16.8	1,365,545	20.4	383,471	10.3	2,399	28.5	1,283,873	19.8	1,233,991	20.2	49,982	12.8	81,672	39.1
East South Central.....	862,144	11.4	709,479	14.1	132,627	6.1	38	1.9	712,304	14.4	726,718	15.4	-14,414	-6.3	-2,825	-3.2
West South Central.....	2,232,244	34.5	1,950,426	40.9	290,369	17.1	11,458	17.1	1,865,677	41.4	1,738,506	43.2	127,172	26.0	84,749	32.3
Mountain.....	938,869	57.3	940,690	39.5	5,877	37.7	12,383	15.6	792,051	61.3	611,323	71.5	180,728	61.4	148,549	31.5
Pacific.....	1,775,612	73.5	1,730,260	73.4	14,531	99.1	30,823	28.6	1,941,303	73.7	943,149	80.9	998,154	60.7	388,957	82.3
NEW ENGLAND:																
Maine.....	47,905	6.9	47,769	6.9	44	3.3	92	10.0	30,571	5.1	1,825	0.4	28,746	27.1	17,198	18.5
New Hampshire.....	18,994	4.6	19,113	4.7	-9	-4.8	-33	-24.4	10,318	3.3	-12,383	-6.1	22,901	28.5	8,697	9.8
Vermont.....	12,315	3.6	11,327	3.4	795	96.2	-7	-0.1	6,360	2.1	4,001	1.8	2,359	3.2	5,167	11.1
Massachusetts.....	564,070	30.0	555,162	20.0	6,081	10.0	-173	-4.8	344,230	17.8	71,165	4.9	273,061	30.4	210,936	25.6
Rhode Island.....	114,054	26.6	113,412	27.1	437	4.8	175	42.3	69,189	24.3	14,835	10.2	54,354	32.7	44,253	33.1
Connecticut.....	296,336	22.7	296,473	23.1	-32	-0.3	-83	-11.0	115,110	17.6	22,866	6.1	92,244	38.7	91,363	38.5
MIDDLE ATLANTIC:																
New York.....	1,844,720	25.4	1,809,964	25.3	34,959	35.2	-203	-1.0	970,215	18.4	378,812	13.3	591,403	24.5	839,749	44.4
New Jersey.....	633,498	34.7	633,577	35.0	19,916	28.5	5	0.3	405,429	29.3	183,936	22.3	221,503	39.8	228,138	53.0
Pennsylvania.....	1,362,996	21.6	1,326,493	21.6	37,074	23.6	-127	-3.5	869,873	19.3	469,034	13.2	376,239	26.3	456,176	46.4
EAST NORTH CENTRAL:																
Ohio.....	609,376	14.7	594,693	14.6	14,551	15.0	332	75.5	455,348	12.6	381,819	14.4	73,529	7.7	139,345	30.4
Indiana.....	184,414	7.3	183,459	7.4	2,815	4.9	140	30.8	163,998	7.1	177,994	9.1	-13,896	-3.8	17,461	12.3
Illinois.....	817,041	16.9	792,089	16.7	23,971	28.2	981	61.4	554,164	14.7	328,790	14.5	225,374	15.0	237,925	24.7
Michigan.....	389,191	16.1	386,664	16.1	1,299	8.2	1,208	18.3	331,356	17.8	198,127	19.2	133,229	16.0	55,328	10.2
Wisconsin.....	264,818	12.8	264,644	12.8	358	14.1	1,816	21.1	265,780	17.2	177,322	30.3	88,458	9.2	-3,136	-0.6
WEST NORTH CENTRAL:																
Minnesota.....	324,314	18.5	322,191	18.5	2,125	42.9	-2	(-)	284,116	23.1	119,301	35.1	134,815	16.7	38,073	7.5
Iowa.....	-7,082	-0.3	-9,476	-0.4	2,280	18.0	114	23.1	22,822	1.2	42,458	3.4	-19,636	-3.0	-32,298	-10.6
Missouri.....	186,670	6.0	190,089	6.5	-3,782	-2.3	363	61.7	176,968	6.5	182,961	8.3	-5,993	-1.1	13,121	6.1
North Dakota.....	257,910	80.8	238,143	82.8	331	115.7	-564	-7.9	214,570	70.8	96,650	146.9	117,925	88.5	43,568	38.7
South Dakota.....	182,318	45.4	183,057	48.1	352	75.7	-1,091	-5.4	170,578	58.4	109,461	60.4	61,297	39.2	12,299	13.9
Nebraska.....	125,914	11.8	123,767	11.7	1,420	22.7	727	20.7	135,019	14.2	88,551	16.0	39,468	11.2	-1,253	-0.7
Kansas.....	220,454	15.0	218,033	15.4	2,027	3.9	394	18.1	209,420	16.2	193,402	19.1	16,018	5.8	8,263	6.8
SOUTH ATLANTIC:																
Delaware.....	17,587	9.5	17,125	11.1	484	1.6	-22	-0.1	13,434	9.6	9,780	8.3	3,654	16.4	3,691	26.9
Maryland.....	107,302	9.0	110,215	11.6	-2,814	-1.2	-99	-17.8	99,185	11.5	86,578	12.7	12,607	7.0	11,830	11.8
District of Columbia.....	52,351	18.8	44,596	23.3	7,744	8.9	11	2.3	39,765	23.1	32,638	24.3	7,127	18.8	4,481	24.7
Virginia.....	297,428	11.2	196,954	16.5	10,374	1.0	100	16.5	189,394	16.1	184,025	16.1	5,369	16.5	7,566	39.0
West Virginia.....	262,319	27.4	241,584	26.4	20,674	47.5	61	0.1	206,891	23.2	198,128	23.5	8,765	17.9	34,693	155.0
North Carolina.....	312,477	16.5	326,908	18.7	73,374	11.7	2,193	38.3	233,360	18.7	234,907	18.8	453	5.4	1,548	32.7
South Carolina.....	175,084	13.1	121,354	21.8	53,522	6.8	280	110.6	130,671	21.5	121,204	22.4	-533	-4.6	6,883	12.2
Georgia.....	392,790	17.7	230,908	21.2	142,174	13.7	108	48.2	247,457	21.2	246,698	21.6	759	3.0	3,051	25.4
Florida.....	234,077	42.4	146,301	49.2	77,939	33.8	-163	-34.0	131,716	47.4	119,935	47.2	11,781	49.0	14,585	75.7
EAST SOUTH CENTRAL:																
Kentucky.....	142,731	6.0	165,642	8.9	-23,050	-8.1	139	87.4	175,722	9.7	189,781	11.3	-14,059	-10.1	-10,080	-20.1
Tennessee.....	164,173	8.1	171,246	11.1	-7,153	-1.5	82	43.9	170,373	11.2	172,970	11.7	-2,597	-6.3	873	5.0
Alabama.....	309,396	16.9	227,680	22.7	80,975	9.8	741	31.3	223,062	22.6	220,801	23.1	2,261	7.5	4,618	22.2
Mississippi.....	245,844	15.8	144,911	22.6	101,857	11.2	-924	-37.9	143,147	22.6	143,166	23.3	-19	-0.1	1,764	23.1
WEST SOUTH CENTRAL:																
Arkansas.....	262,835	20.0	186,446	19.7	76,033	20.7	404	315.6	183,723	10.7	179,841	20.0	3,882	11.9	2,723	19.2
Louisiana.....	274,763	19.9	211,474	29.0	63,079	9.7	219	18.1	211,545	31.2	206,625	35.3	4,920	4.6	-71	-0.1
Oklahoma <sup>1</sup> .....	866,764	109.7	774,327	115.5	81,928	147.1	10,569	16.3	754,633	116.1	708,831	117.8	45,782	94.9	19,694	96.6
Texas.....	847,832	27.8	778,179	32.1	69,327	11.2	346	71.7	573,716	31.8	643,188	32.8	77,585	25.1	62,403	33.1
MOUNTAIN:																
Montana.....	132,724	54.3	134,297	59.3	311	20.4	-1,884	-12.1	106,026	64.1	69,190	74.4	33,836	50.5	29,271	46.9
Idaho.....	163,822	101.3	164,738	106.0	358	122.2	-1,362	-18.1	146,189	102.0	113,748	126.6	32,441	75.9	18,537	84.7
Wyoming.....	33,434	57.0	31,267	57.6	1,295	337.8	872	34.3	40,713	56.2	32,714	68.2	8,007	32.7	10,536	63.5
Colorado.....	259,324	48.0	254,369	48.1	2,883	33.6	2,072	96.4	219,992	47.7	163,801	52.6	54,192	62.0	36,376	40.4
New Mexico.....	131,991	67.6	124,887	69.0	18	1.1	7,886	56.2	114,994	68.9	106,280	71.5	8,414	47.0	9,393	70.0
Arizona.....	81,422	66.2	78,565	84.6	161	8.7	2,697	9.6	54,136	76.8	37,638	84.0	16,498	64.2	24,429	109.1
Utah.....	96,022	34.9	94,118	34.5	472	70.2	2,012	55.7	83,329	38.9	67,637	65.0	15,692	13.7	10,589	29.0
Nevada.....	39,540	63.4	38,871	109.8	379	292.8	290	4.3	29,453	109.8	20,215	133.8	9,238	79.8	9,418	109.8
PACIFIC:																
Washington.....	623,887	120.4	612,807	123.5	3,544	14.1	7,536	39.1	473,733	120.2	320,318	120.8	153,417	118.8	139,072	136.2
Oregon.....	239,229	62.7	250,568	66.0	387	35.0	-1,666	-9.3	211,368	62.0	160,726	62.8	50,642	59.9	49,140	91.2
California.....	892,496	60.1	856,945	61.1	10,600	96.0	24,951	35.0	656,200	64.4	462,105	64.7	194,095	43.9	200,745	62.4

<sup>1</sup> Decrease of less than one-tenth of 1 per cent.<sup>2</sup> Includes population of Indian Territory for 1900.

The white population increased during the decade 1900-1910 in every state except Iowa, and there were only six states—Kentucky, Indiana, Maine, Missouri, New Hampshire, and Vermont—in which the increase was less than 10 per cent. The negro population decreased in Maryland, Kentucky, Tennessee, and Missouri, as well as in two New England states. Among the Southern states with a considerable negro population the highest relative increase was in Oklahoma, 147.1 per cent, as compared with 115.5 per cent for the whites. West Virginia, Florida, and Arkansas showed high percentages of increase for the negroes, while Louisiana, Alabama, Mississippi, Texas, North Carolina, and Georgia, all with a large negro population, showed percentages of increase ranging from 9.7 to 13.7, or about the same as that for the country as a whole.

During the decade 1900-1910 the foreign-born white population increased by a greater percentage than the native white in the New England, Middle Atlantic, East North Central, South Atlantic, and Pacific divisions. The opposite was the case in the four other divisions; an actual decrease of foreign-born whites occurred in the East South Central division. In the Middle Atlantic division the foreign-born whites increased 46.2 per cent, as compared with 19 per cent for the native whites. Of the total increase in the foreign-born whites in the country as a whole (3,131,728), nearly one-half (1,524,063) was in the Middle Atlantic division and most of the remainder in the East North Central, Pacific, and New England divisions. The recent immigration has been very unequally distributed over the country.

In all but two of the divisions the percentage of increase in the native whites of native parentage was materially higher than that in the native whites of foreign or mixed parentage; in the East South Central division, in fact, the latter decreased. In New England, however, the native whites of native parentage increased only 4.1 per cent, while those of foreign or mixed parentage increased 30 per cent, and in the Middle Atlantic division the corresponding percentages of increase were 14.3 and 27, respectively. In New Hampshire there was an actual decrease in the native whites of native parentage, and in Vermont and Maine the increase was very slight.

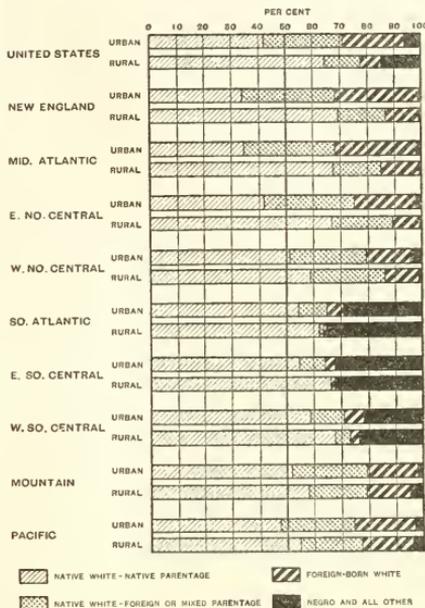
Very few individual states present exceptions to the conditions in the geographic divisions in which they are located with respect to the relative rates of increase of native and foreign-born whites, or the relative rates of increase of native whites of native parentage and native whites of foreign or mixed parentage.

New Hampshire is the only state which contained fewer native whites of native parentage in 1910 than in 1900, but in Indiana, Iowa, Missouri, South Carolina, Kentucky, Tennessee, and Mississippi a decrease occurred in the native whites of foreign or mixed parentage, and in Wisconsin, Iowa, Nebraska, Kentucky, and Louisiana the foreign-born whites decreased.

URBAN AND RURAL POPULATION.

Table 18 classifies the principal color or race, nativity, and parentage classes in 1910 as urban or rural for each geographic division, and further distributes the urban population by classes of cities. The accompanying diagram shows, by geographic divisions, the relative importance of the several classes of population in urban and rural communities, respectively.

COLOR OR RACE, NATIVITY, AND PARENTAGE IN URBAN AND RURAL COMMUNITIES: 1910.



There is in the country as a whole and in most individual states a marked difference between the composition of the urban population and that of the rural. Of the aggregate urban population—that is, the population of incorporated places of 2,500 inhabitants or more, including New England towns of that size—of the United States in 1910, 41.9 per cent were native whites of native parentage, 29 per cent native whites of foreign or mixed parentage, 22.6 per cent foreign-born whites, and 6.3 per cent negroes. In the rural population, on the other hand, 64.1 per cent were native whites of native parentage, only 13.3 per cent were native whites of foreign or mixed parentage, and 7.5 per cent were foreign-born whites, while negroes constituted 14.5 per cent. Thus the foreign-born whites and their children constituted fully one-half (51.6 per cent) of the urban population and only about one-fifth of the rural.

COLOR OR RACE, NATIVITY, AND PARENTAGE IN THE UNITED STATES AND TERRITORIES, BY DIVISIONS: 1910.

[The term cities as here used includes incorporated towns, villages, and boroughs and also townships.]

Table 18

DIVISION AND CLASS OF COMMUNITY.	Total population.	WHITE.				Indian, Chinese, Japanese, and all other.	PER CENT OF TOTAL POPULATION.				PER CENT DISTRIBUTION BY CLASS OF COMMUNITY.						
		Native.		Foreign born.			White.		White.		Native.		No-foreign born.				
		Total.	Native percentage.	Foreign or mixed parentage.	Foreign born.		Native.	Foreign born.	No-foreign born.	Total population.	Native.	Foreign born.	No-foreign born.	Total.	Native percentage.	Foreign or mixed parentage.	Foreign born.
<b>UNITED STATES.</b>	<b>81,872,266</b>	<b>68,386,412</b>	<b>45,488,575</b>	<b>18,897,837</b>	<b>13,345,545</b>	<b>8,227,763</b>	<b>412,546</b>	<b>83.8</b>	<b>20.3</b>	<b>14.3</b>	<b>10.6</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>		
Rural communities.....	49,248,883	38,186,402	24,638,931	15,650,337	7,310,176	1,338,534	310,365	63.1	10.3	7.5	14.5	53.7	63.9	94.7	27.8	72.6	
Urban communities.....	32,623,383	30,196,544	17,849,644	12,246,500	6,026,369	2,989,229	102,241	41.9	29.0	22.6	6.2	46.3	36.1	65.3	72.2	27.4	
Cities of 2,500 to 10,000.....	1,473,359	1,066,949	629,540	4,372,384	1,747,958	1,177,981	58,266	72.9	25.1	16.4	0.6	9.2	14.2	12.4	16.1	6.6	
Cities of 10,000 to 25,000.....	5,609,208	4,207,800	2,827,915	1,979,945	978,718	488,262	14,268	59.0	24.9	17.4	0.7	6.1	6.2	7.3	7.3	4.2	
Cities of 25,000 to 100,000.....	8,241,678	7,963,109	3,779,057	2,184,025	1,663,814	602,040	12,715	45.8	26.9	20.1	7.3	9.0	8.7	10.2	10.6	6.1	
Cities of 100,000 to 500,000.....	1,476,993	1,421,609	3,422,048	3,444,069	628,266	1,441,069	628,266	25.3	38.2	22.1	7.1	18.4	23.2	4.4	18.3	25.1	
Cities of 500,000 and over.....	11,531,841	7,231,190	2,948,048	2,283,938	3,871,108	3,969,612	12,132	25.6	37.2	33.6	3.4	12.5	10.6	6.0	22.7	29.0	4.0
<b>New England.</b>	<b>6,835,681</b>	<b>4,666,124</b>	<b>2,613,419</b>	<b>2,042,720</b>	<b>1,814,386</b>	<b>86,306</b>	<b>5,851</b>	<b>69.9</b>	<b>21.3</b>	<b>27.7</b>	<b>0.5</b>	<b>10.7</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	1,997,238	1,629,713	973,035	186,816	137,796	5,420	1,390	69.8	17.0	12.6	0.5	16.7	20.4	29.3	9.1	7.6	8.2
Urban communities.....	5,435,443	3,713,377	1,647,484	1,855,903	1,676,590	60,877	4,501	33.9	34.2	20.7	1.1	83.3	79.9	70.7	90.9	92.4	91.8
Cities of 2,500 to 10,000.....	1,273,821	964,173	601,409	341,704	300,017	8,222	799	47.2	28.8	25.6	0.7	18.4	23.2	27.6	16.7	15.5	5.5
Cities of 10,000 to 25,000.....	2,407,800	1,637,455	900,959	1,049,618	858,382	19,699	42	35.3	33.1	27.0	0.6	14.3	14.4	13.8	15.2	14.2	9.0
Cities of 25,000 to 100,000.....	3,127,987	1,676,311	899,545	576,766	544,771	15,777	1,226	30.5	35.2	33.3	2.0	15.0	23.1	19.1	28.1	30.0	25.8
Cities of 100,000 to 500,000.....	936,359	886,159	333,833	317,714	332,068	16,645	822	22.3	38.2	25.6	0.7	14.5	12.6	14.2	14.4	13.3	10.3
Cities of 500,000 and over.....	679,845	414,074	157,870	207,760	240,722	13,564	1,232	23.5	38.1	35.9	2.0	12.0	8.9	6.0	12.5	13.3	20.8
<b>Middle Atlantic.</b>	<b>19,218,892</b>	<b>14,054,273</b>	<b>8,462,961</b>	<b>5,951,312</b>	<b>4,826,179</b>	<b>17,870</b>	<b>1,870</b>	<b>43.8</b>	<b>28.9</b>	<b>25.0</b>	<b>2.2</b>	<b>10.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	5,022,519	4,729,229	2,744,498	983,321	776,702	71,674	7,264	67.0	17.6	13.9	1.4	29.0	33.7	44.2	17.6	16.1	18.8
Urban communities.....	13,723,373	9,324,344	4,718,463	4,968,991	4,049,477	339,246	10,296	34.4	33.8	29.3	2.5	71.0	66.2	53.8	82.4	83.9	81.2
Cities of 2,500 to 10,000.....	1,917,907	1,215,072	660,959	452,765	390,017	28,753	2,814	62.9	24.5	21.0	0.7	8.6	9.4	10.6	11.7	10.6	11.6
Cities of 10,000 to 25,000.....	1,949,807	1,026,440	649,718	372,042	294,409	33,162	483	48.1	27.9	23.8	2.5	7.0	7.3	6.7	6.7	6.1	7.9
Cities of 25,000 to 100,000.....	2,110,792	1,565,483	962,570	602,978	491,301	53,156	482	45.6	28.6	23.3	2.5	10.9	11.1	11.4	10.6	10.2	12.7
Cities of 100,000 to 500,000.....	1,750,081	1,231,609	333,833	697,869	495,248	22,554	783	24.3	38.2	28.1	1.2	9.1	8.1	8.3	12.5	10.3	5.3
Cities of 500,000 and over.....	6,849,796	4,188,284	1,681,415	2,508,499	2,450,717	201,791	7,464	24.5	38.6	35.8	2.9	35.5	29.8	19.9	44.9	50.8	48.3
<b>East North Central.</b>	<b>18,250,821</b>	<b>14,860,402</b>	<b>9,781,969</b>	<b>5,108,434</b>	<b>3,067,220</b>	<b>300,832</b>	<b>21,083</b>	<b>53.4</b>	<b>28.0</b>	<b>18.8</b>	<b>1.6</b>	<b>10.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	8,633,330	7,668,041	4,737,299	1,930,742	877,929	70,224	17,669	63.5	22.4	10.2	0.8	47.3	51.6	58.8	37.8	28.6	23.4
Urban communities.....	9,617,271	7,192,361	4,044,667	3,177,692	2,189,291	230,542	5,077	41.7	33.0	25.2	2.0	52.7	47.8	48.8	41.8	4.4	12.6
Cities of 2,500 to 10,000.....	1,936,143	1,215,072	660,959	452,765	390,017	28,753	2,814	62.9	24.5	21.0	0.7	8.6	9.4	10.6	11.7	9.1	8.4
Cities of 10,000 to 25,000.....	1,949,807	1,026,440	649,718	372,042	294,409	33,162	483	48.1	27.9	23.8	2.5	7.0	7.3	6.7	6.7	6.1	7.9
Cities of 25,000 to 100,000.....	2,553,999	1,236,499	772,422	404,044	275,268	41,362	713	49.7	29.1	17.7	1.7	18.5	18.5	11.4	10.6	10.2	12.7
Cities of 100,000 to 500,000.....	1,750,081	1,231,609	333,833	697,869	495,248	22,554	783	24.3	38.2	28.1	1.2	9.1	8.1	8.3	12.5	10.3	5.3
Cities of 500,000 and over.....	1,745,946	1,174,002	377,453	1,136,609	976,920	53,252	2,413	21.0	41.1	35.6	1.9	11.0	10.2	8.3	13.9	14.2	22.7
<b>West North Central.</b>	<b>11,637,821</b>	<b>9,738,380</b>	<b>6,322,687</b>	<b>3,214,703</b>	<b>1,613,231</b>	<b>242,662</b>	<b>43,838</b>	<b>59.1</b>	<b>27.6</b>	<b>13.9</b>	<b>2.1</b>	<b>10.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	7,764,205	6,658,994	4,539,390	1,214,634	881,538	78,361	40,133	58.5	27.4	12.6	1.0	66.7	68.4	69.6	66.1	60.3	32.3
Urban communities.....	3,873,716	3,074,386	1,884,327	1,089,069	727,669	164,301	3,223	53.0	28.1	16.5	2.0	32.3	32.0	33.9	39.7	32.6	27.1
Cities of 2,500 to 10,000.....	1,049,285	748,692	468,755	255,555	129,846	34,908	2,818	67.1	22.4	12.3	3.3	8.9	9.0	9.8	7.8	8.0	14.2
Cities of 10,000 to 25,000.....	455,439	370,426	231,933	113,493	56,048	22,013	534	57.5	25.1	21.3	4.8	3.9	3.9	4.0	3.6	3.5	9.1
Cities of 25,000 to 100,000.....	801,921	645,914	446,081	199,963	125,908	30,675	3,828	55.6	29.4	15.7	3.8	6.9	6.8	6.8	7.2	12.4	4.4
Cities of 100,000 to 500,000.....	887,029	516,782	269,436	264,946	194,857	33,728	456	41.0	33.2	21.9	3.8	7.6	6.8	5.6	12.1	13.9	9.9
Cities of 500,000 and over.....	687,029	516,782	269,436	264,946	194,857	33,728	456	39.3	35.9	18.3	6.4	5.9	5.3	4.1	7.7	13.8	18.1
<b>South Atlantic.</b>	<b>12,142,888</b>	<b>7,781,948</b>	<b>5,641,205</b>	<b>453,843</b>	<b>290,385</b>	<b>14,818</b>	<b>10,804</b>	<b>62.2</b>	<b>3.6</b>	<b>2.4</b>	<b>33.2</b>	<b>74.6</b>	<b>74.4</b>	<b>77.2</b>	<b>28.7</b>	<b>34.0</b>	<b>77.9</b>
Rural communities.....	9,196,742	8,179,814	5,765,306	126,428	68,799	3,202,968	9,161	62.9	1.0	1.1	35.7	74.6	74.4	77.2	28.7	34.0	77.9
Urban communities.....	3,026,133	1,969,234	1,875,819	315,415	191,756	909,520	1,643	54.2	10.1	6.2	29.4	25.4	25.6	22.8	71.3	66.0	22.1
Cities of 2,500 to 10,000.....	763,021	486,473	461,255	26,218	20,765	255,571	222	60.3	3.4	2.7	33.5	6.3	6.3	6.3	6.0	7.1	6.2
Cities of 10,000 to 25,000.....	444,714	294,477	269,502	25,245	14,535	135,206	126	66.6	5.7	3.3	30.4	3.6	3.6	3.7	5.8	5.0	3.3
Cities of 25,000 to 100,000.....	1,149,285	688,772	688,772	148,887	67,788	46,967	294,933	359	59.1	9.5	6.5	33.8	8.4	8.4	3.7	5.8	16.0
Cities of 100,000 to 500,000.....	613,536	387,022	327,828	55,194	32,847	138,081	587	63.4	9.6	5.4	31.5	5.0	5.0	4.5	13.5	11.3	4.7
Cities of 500,000 and over.....	558,485	396,344	261,474	134,870	77,043	84,749	349	45.8	24.1	13.8	15.2	4.6	5.1	3.6	30.7	26.5	2.1
<b>East South Central.</b>	<b>8,409,901</b>	<b>5,867,489</b>	<b>4,542,492</b>	<b>214,977</b>	<b>86,857</b>	<b>2,652,513</b>	<b>3,062</b>	<b>64.8</b>	<b>2.1</b>	<b>0.1</b>	<b>31.5</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Rural communities.....	6,835,672	4,660,661	4,795,666	64,995	28,925	2,143,116	2,670	67.2	1.0	0.1	31.5	100.0	100.0	100.0	100.0	100.0	100.0
Urban communities.....	1,574,229	1,206,828	1,046,826	150,000	57,932	509,397	392	54.4	4.9	3.7	32.3	18.7	17.8	15.7	69.8	66.7	19.2
Cities of 2,500 to 10,000.....	466,498	303,229	279,544	20,766	7,827	158,278	173	59.9	4.5	1.7	33.9	5.5	5.3	5.1	9.7	9.0	6.0
Cities of 10,000 to 25,000.....	229,364	129,229	119,163	10,663	4,238	86,884	46	54.4</									

The native whites of native parentage constituted hardly more than two-fifths of the urban population, but over three-fifths of the rural. It should be noted that the negro population is mainly in the South, where there are comparatively few very large cities.

The conditions in the New England and Middle Atlantic divisions are especially noteworthy. Only about one-third (33.9 and 34.4 per cent, respectively) of the urban population of these divisions in 1910 consisted of native whites of native parentage, while over two-thirds of the rural population (69.8 per cent and 67 per cent, respectively) were of that class. Broadly speaking, of the urban population of these divisions, almost one-third were foreign-born whites, fully one-third (including persons of mixed parentage) were children of foreign-born whites, and one-third were native whites of native parentage.

In the South, where the total number of foreign-born whites and of native whites of foreign or mixed parentage is small, these classes constituted a very much larger proportion of the urban than of the rural population. In the South Atlantic division, for example, native whites of foreign or mixed parentage and foreign-born whites in 1910 constituted 10.1 and 6.2 per cent, respectively, of the urban population but only 1.4 and 1.1 per cent, respectively, of the rural population.

In the South as a whole, the proportion of negroes in urban communities was about the same as the proportion in rural communities, though in the South Atlantic division negroes in 1910 formed 29.4 per cent of the urban and 35.2 per cent of the rural population. On the other hand, in the East South Central division the corresponding proportions were 32.3 and 31.4 per cent, respectively; and in the West South Central division, 22.3 per cent and 22.7 per cent.

Table 18 shows also the race and nativity composition of the population for classes of cities. In general, the relative numerical importance of the native whites of native parentage declines as the size of the cities increases. Of the aggregate population in 1910 of the eight cities of the United States having more than 500,000 inhabitants, only 25.6 per cent were native whites of native parentage, 37.2 per cent being native whites of foreign or mixed parentage and 33.6 per cent foreign-born whites. The percentage of native whites of native parentage, which, as previously noted, was 64.1 in rural communities, falls off to 57.5 in the class of cities having 2,500 to 10,000 inhabitants, then to 50.4 in the cities of 10,000 to 25,000, to 45.9 in the cities of 25,000 to 100,000, to 38.9 in the cities of 100,000 to 500,000, and finally to 25.6 in the cities of over 500,000.

The differences among the several classes of population with respect to their distribution between urban and rural communities are further brought out by the percentages in the last five columns of Table 18. Of the total population of the country in 1910, 46.3 per cent resided in urban communities, but

of the native whites of native parentage only 36.1 per cent lived in such communities, while of the native whites of foreign or mixed parentage 65.3 per cent and of the foreign-born whites no less than 72.2 per cent were in urban communities. The proportions urban and rural in the total population vary greatly from division to division and the percentages for each of the four color or race, nativity, and parentage groups vary accordingly. In 1910, in New England, where the proportion of urban population is higher than in any other division (partly because of the classification as urban of all New England towns of over 2,500 inhabitants), 70.7 per cent of the native whites of native parentage, 90.9 per cent of the native whites of foreign or mixed parentage, 92.4 per cent of the foreign-born whites, and 91.8 per cent of the negroes lived in urban communities. In the Middle Atlantic division 55.8 per cent of the native whites of native parentage, 82.4 per cent of the native whites of foreign or mixed parentage, 83.9 per cent of the foreign-born whites, and 81.2 per cent of the negroes were in urban communities. On the other hand, in the East South Central division, where the proportion of urban population as a whole was lowest, 15.7 per cent of the native whites of native parentage, 69.8 per cent of the native whites of foreign or mixed parentage, 66.7 per cent of the foreign-born whites, and 19.2 per cent of the negroes lived in urban communities. In each of the divisions of the North and West the percentage of negroes who lived in urban communities was materially higher than the percentage of native whites of native parentage who lived in such communities, showing that the negroes who have migrated from the South have, to a large extent, gone to the cities.

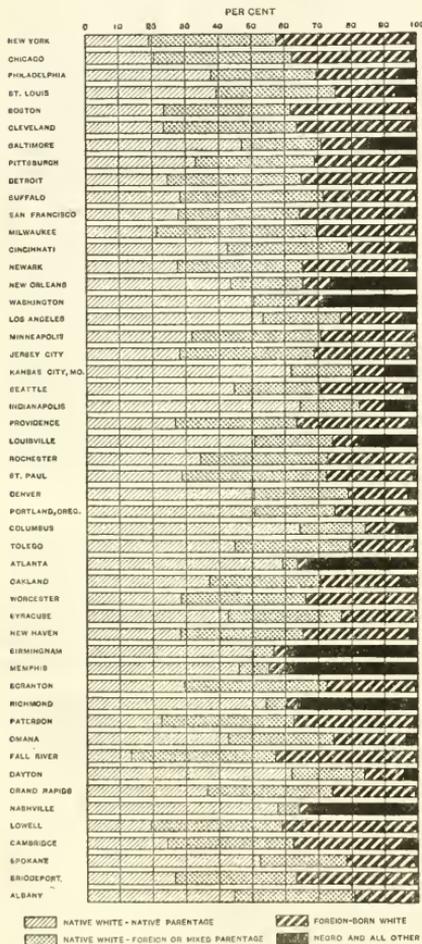
#### PRINCIPAL CITIES.

Table 19 on a subsequent page classifies by color or race, nativity, and parentage the population in 1910 and 1900 of the 50 cities having more than 100,000 inhabitants, and Table 20 presents similar statistics in 1910 for cities having from 25,000 to 100,000 inhabitants. The distribution for the larger cities is also shown graphically in the diagram on the following page.

In only 14 of the 50 cities having over 100,000 inhabitants in 1910 did native whites of native parentage constitute as much as one-half of the total population. The proportion exceeded three-fifths in only four cities, three of them being in the East North Central division (Indianapolis, 64.5 per cent; Columbus, 64.4 per cent; and Dayton, 62 per cent) and one in the West North Central (Kansas City, Mo., 61.9 per cent). On the other hand, in 22 of the cities of this class, of which 15 are in the New England and Middle Atlantic divisions, less than one-third of the population were native whites of native parentage, over two-thirds in all but one of these cities consisting of foreign-born whites and their children. In Fall River only 13.3 per cent of the

population were native whites of native parentage. In 10 cities of 100,000 inhabitants or over the population was more than one-third foreign-born white, namely, Fall River (42.6 per cent), Lowell (40.9 per cent), New York (40.4 per cent), Paterson (36.1 per cent), Boston (35.9 per cent), Chicago (35.7 per cent), Bridgeport (35.5 per cent), Cleveland (34.9 per cent), Providence (34 per cent), and Detroit (33.6 per cent).

COLOR OR RACE, NATIVITY, AND PARENTAGE IN CITIES HAVING 100,000 INHABITANTS OR MORE: 1910.



The proportion of foreign-born whites was low in all of the southern cities. Among the northern cities it was lowest in Indianapolis (8.5 per cent) and Columbus (9 per cent). In many of the 50 cities the proportion of native whites of foreign or mixed parentage was nearly the same as the proportion of foreign-born whites. The native whites of foreign or mixed parentage were relatively most numerous in Milwaukee (48.8 per cent) and Fall River (43.7 per cent).

During the decade 1900-1910 the foreign-born white population in New York City advanced from 1,260,918 to 1,927,703, an increase of 666,785, while native whites of native parentage increased only 183,841. In 1910 only 19.3 per cent of the city's population consisted of native whites of native parentage. Of the total population of the United States approximately one-twentieth is domiciled in New York City; of the native whites of native parentage, one-fiftieth; of the native whites of foreign or mixed parentage, one-tenth; and of the foreign-born whites, one-seventh.

Among the larger cities the proportion of negroes in 1910 was highest in Memphis (40 per cent), followed by Birmingham (39.4), Richmond (36.6), Atlanta (33.5), Nashville (33.1), Washington (28.5), New Orleans (26.3), Louisville (18.1), and Baltimore (15.2). In no other city of over 100,000 inhabitants did the negro element amount to one-tenth of the population.

Table 20 gives statistics for the 179 cities having from 25,000 to 100,000 inhabitants in 1910. Among them there are only 41 in which the native whites of native parentage exceeded three-fifths of the total population in 1910. None of these are in the New England states, and only one is in New York. Cities in which as many as three-fourths of the total population in 1910 were native whites of native parentage are Huntington, W. Va. (87.6 per cent); Joplin, Mo. (86.6 per cent); York, Pa. (86 per cent); Springfield, Mo. (81.5 per cent); Reading, Pa. (77.8 per cent); Wichita, Kans. (77.7 per cent); Harrisburg, Pa. (77.2 per cent); Lima, Ohio (76.9 per cent); Lancaster, Pa. (75.4 per cent); and Newark, Ohio (75.1 per cent). There are 45 cities of this class where the proportion of native whites of native parentage was less than one-third. The percentage was very low in Lawrence, Mass. (13.6), Passaic, N. J. (13.8), and Woonsocket, R. I. (15).

Among the 179 cities considered there are 27 in which the foreign-born whites exceeded one-third of the total population. A majority of these cities (14) are in the New England states, 9 are in the Middle Atlantic division, and only 4 (Duluth, Minn.; Lorain, Ohio; El Paso, Tex.; and Superior, Wis.) are in other divisions. The maximum percentage of foreign-born whites was found in Passaic, N. J., where they formed more than one-half of the population in 1910 (52 per cent).

COLOR OR RACE, NATIVITY, AND PARENTAGE.

COLOR OR RACE, NATIVITY, AND PARENTAGE IN CITIES OF 100,000 INHABITANTS OR MORE: 1910 AND 1900.

CITY.	Total population: 1910	NATIVE WHITE.										FOREIGN-BORN WHITE.				NEGRO.				Indian, Chinese, Japanese, and all other: 1910				PER CENT OF TOTAL POPULATION: 1910					
		Native parentage.		Foreign or mixed parentage.		Foreign-born white.		Negro.		Indian, Chinese, Japanese, and all other: 1910		Native white.		Foreign-born white.		Negro.		Native white.		Foreign-born white.		Negro.							
		1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900						
		Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.	Num. per cent.					
Albany, N. Y.	100,253	44,473	38,431	36,533	36,842	18,165	17,669	1,037	1,178	45	44.4	36.4	18.1	1.0	154,386	161,987	164,888	164,888	164,888	164,888	164,888	164,888	164,888	164,888					
Albany, Ga.	555,485	261,474	236,033	134,870	125,225	77,043	67,940	84,749	79,258	349	46.8	24.1	13.8	15.2	132,685	66,312	17,186	8,357	2,885	5,700	11,500	6.3	4.3	3.0					
Birmingham, Ala.	170,654	157,870	146,193	257,104	296,997	240,722	194,953	13,664	11,591	1,325	23.5	38.3	35.9	2.0	60,065	27,156	21,855	37,314	26,693	36,189	22,197	1,332	1,149	72	26.6	36.6	35.3		
Bridgeport, Conn.	102,654	110,602	119,062	119,062	119,062	118,444	104,010	1,773	1,698	133	28.2	46.3	9.0	0.4	104,839	25,615	25,229	39,794	32,741	34,698	29,924	4,707	3,888	115	24.4	38.0	33.0		
Cambridge, Mass.	2,182,283	1,445,139	354,379	912,701	727,341	781,217	885,420	44,708	30,150	2,123	20.4	41.8	35.7	2.0	863,766	154,937	117,700	135,190	139,817	56,792	57,887	19,639	44.4	36.4	15.6	5.4			
Cincinnati, Ohio.	560,663	132,314	87,740	228,908	103,570	185,703	124,354	8,448	5,985	290	23.6	39.9	34.9	1.5	425,715	119,062	90,860	188,573	155,716	118,444	104,010	1,773	1,698	133	28.2	46.3	9.0		
Cleveland, Ohio.	116,577	72,301	46,332	25,529	23,667	13,847	10,024	4,442	3,387	28	62.0	21.9	11.9	4.2	104,839	25,615	25,229	39,794	32,741	34,698	29,924	4,707	3,888	115	24.4	38.0	33.0		
Dayton, Ohio.	215,351	106,945	66,810	61,185	37,837	38,943	24,962	5,426	3,923	884	50.1	28.7	18.2	2.5	186,766	119,116	61,309	888,735	124,715	156,568	99,633	5,741	4,111	99	24.7	40.6	33.6		
Detroit, Mich.	119,286	15,858	14,300	52,125	40,197	60,574	49,961	355	324	83	13.3	43.7	42.6	0.3	Grand Rapids, Mich.	40,777	29,634	47,707	83,460	66,604	67,388	63,858	663	604	37	36.2	38.0	25.2	0.6
Indianapolis, Ind.	233,650	150,553	97,772	41,420	38,359	19,767	17,070	21,816	16,591	54	64.5	17.7	8.5	9.3	Jersey City, N. J.	367,779	74,881	57,197	109,101	87,152	77,697	38,161	5,960	5,704	160	28.0	40.7	29.0	2.2
Kansas City, Mo.	243,811	138,717	94,377	45,633	33,426	111,456	88,948	960	862	68	21.1	48.8	29.8	0.3	Los Angeles, Cal.	318,198	169,867	54,969	74,736	26,165	60,584	17,917	7,599	2,131	6,292	33.2	23.4	19.0	2.4
Los Angeles, Cal.	318,198	169,867	54,969	74,736	26,165	60,584	17,917	7,599	2,131	6,292	33.2	23.4	19.0	2.4	Los Angeles, Cal.	318,198	169,867	54,969	74,736	26,165	60,584	17,917	7,599	2,131	6,292	33.2	23.4	19.0	2.4
Lowell, Mass.	106,294	30,703	20,828	41,942	33,031	43,457	40,915	133	136	59	19.5	39.5	40.9	0.1	Memphis, Tenn.	131,105	59,885	30,556	12,138	16,735	6,467	5,969	32,441	49,910	74	45.8	9.3	4.9	0.0
Memphis, Tenn.	131,105	59,885	30,556	12,138	16,735	6,467	5,969	32,441	49,910	74	45.8	9.3	4.9	0.0	Milwaukee, Wis.	378,617	78,823	48,608	182,339	146,885	111,456	88,948	960	862	68	21.1	48.8	29.8	0.3
Milwaukee, Wis.	378,617	78,823	48,608	182,339	146,885	111,456	88,948	960	862	68	21.1	48.8	29.8	0.3	Minneapolis, Minn.	301,408	96,196	61,269	116,548	78,861	83,928	60,983	3,292	3,548	144	31.9	38.7	28.5	0.9
Minneapolis, Minn.	301,408	96,196	61,269	116,548	78,861	83,928	60,983	3,292	3,548	144	31.9	38.7	28.5	0.9	Nashville, Tenn.	110,304	63,687	40,620	7,151	7,174	2,993	3,902	36,232	10,044	10	37.7	6.5	2.7	33.1
Nashville, Tenn.	110,304	63,687	40,620	7,151	7,174	2,993	3,902	36,232	10,044	10	37.7	6.5	2.7	33.1	New Haven, Conn.	133,605	37,726	36,385	49,434	37,999	42,784	30,654	3,561	2,887	100	28.2	37.0	32.0	2.7
New Haven, Conn.	133,605	37,726	36,385	49,434	37,999	42,784	30,654	3,561	2,887	100	28.2	37.0	32.0	2.7	New Orleans, La.	339,075	147,473	103,136	74,244	76,191	27,686	29,669	89,262	77,714	410	43.5	21.9	8.2	26.3
New Orleans, La.	339,075	147,473	103,136	74,244	76,191	27,686	29,669	89,262	77,714	410	43.5	21.9	8.2	26.3	New York, N. Y.	4,766,883	921,318	737,477	1,826,141	1,371,503	1,927,703	1,260,918	91,709	60,666	6,012	19.3	38.2	40.4	1.9
New York, N. Y.	4,766,883	921,318	737,477	1,826,141	1,371,503	1,927,703	1,260,918	91,709	60,666	6,012	19.3	38.2	40.4	1.9	Manhattan Borough	2,517,617	544,557	317,807	818,938	715,947	1,074,919	782,714	80,551	59,426	4,280	14.8	35.0	47.4	2.6
Manhattan Borough	2,517,617	544,557	317,807	818,938	715,947	1,074,919	782,714	80,551	59,426	4,280	14.8	35.0	47.4	2.6	Brooklyn Borough	429,280	29,659	69,655	169,149	89,422	128,955	61,553	4,117	3,570	31	21.8	42.0	24.6	1.9
Brooklyn Borough	429,280	29,659	69,655	169,149	89,422	128,955	61,553	4,117	3,570	31	21.8	42.0	24.6	1.9	Queens Borough	1,634,551	375,518	310,607	693,583	438,658	571,556	355,759	22,708	16,367	1,156	15.0	30.6	38.0	1.4
Queens Borough	1,634,551	375,518	310,607	693,583	438,658	571,556	355,759	22,708	16,367	1,156	15.0	30.6	38.0	1.4	Rochester Borough	284,601	86,869	52,718	59,555	42,604	84,278	16,581	1,152	1,072	61	32.9	37.6	28.8	1.7
Rochester Borough	284,601	86,869	52,718	59,555	42,604	84,278	16,581	1,152	1,072	61	32.9	37.6	28.8	1.7	Newark, N. J.	347,469	94,737	71,522	132,550	96,506	110,655	71,650	9,475	6,694	252	27.3	33.1	31.8	2.7
Newark, N. J.	347,469	94,737	71,522	132,550	96,506	110,655	71,650	9,475	6,694	252	27.3	33.1	31.8	2.7	Oakland, Cal.	150,174	55,198	24,790	49,936	23,773	36,822	16,223	3,055	1,026	513	36.8	33.3	24.5	2.0
Oakland, Cal.	150,174	55,198	24,790	49,936	23,773	36,822	16,223	3,055	1,026	513	36.8	33.3	24.5	2.0	Omaha, Neb.	124,096	52,917	42,752	39,965	32,828	27,068	23,429	4,426	3,443	90	42.6	31.9	21.8	3.6
Omaha, Neb.	124,096	52,917	42,752	39,965	32,828	27,068	23,429	4,426	3,443	90	42.6	31.9	21.8	3.6	Paterson, N. J.	125,680	38,382	37,107	49,179	41,296	45,268	38,666	1,539	1,182	60	30.5	27.7	27.0	1.7
Paterson, N. J.	125,680	38,382	37,107	49,179	41,296	45,268	38,666	1,539	1,182	60	30.5	27.7	27.0	1.7	Philadelphia, Pa.	1,549,008	684,008	521,911	496,755	414,093	393,278	293,669	84,459	62,613	1,178	37.7	32.1	24.7	5.5
Philadelphia, Pa.	1,549,008	684,008	521,911	496,755	414,093	393,278	293,669	84,459	62,613	1,178	37.7	32.1	24.7	5.5	Pittsburgh, Pa.	333,905	176,689	147,296	191,453	168,832	140,436	114,545	25,623	20,355	274	33.0	35.9	26.3	4.8
Pittsburgh, Pa.	333,905	176,689	147,296	191,453	168,832	140,436	114,545	25,623	20,355	274	33.0	35.9	26.3	4.8	Portland, Ore.	207,214	104,163	38,170	51,009	24,710	43,780	17,734	1,045	775	7,217	50.3	24.6	21.1	0.5
Portland, Ore.	207,214	104,163	38,170	51,009	24,710	43,780	17,734	1,045	775	7,217	50.3	24.6	21.1	0.5	Providence, R. I.	228,326	59,966	54,423	82,354	60,775	76,303	55,310	5,316	4,817	387	26.7	36.7	34.0	2.4
Providence, R. I.	228,326	59,966	54,423	82,354	60,775	76,303	55,310	5,316	4,817	387	26.7	36.7	34.0	2.4	Rochester, N. Y.	129,807	69,130	43,560	7,664	6,104	4,083	2,424	16	16	54	2.2	4.2	36.6	1.7
Rochester, N. Y.	129,807	69,130	43,560	7,664	6,104	4,083	2,424	16	16	54	2.2	4.2	36.6	1.7	Rochester, N. Y.	129,807	69,130	43,560	7,664	6,104	4,083	2,424	16	16	54	2.2	4.2	36.6	1.7
Rochester, N. Y.	129,807	69,130	43,560	7,664	6,104	4,083	2,424	16	16	54	2.2	4.2	36.6	1.7	St. Louis, Mo.	687,029	269,836	189,249	246,946	239,170	125,706	119,966	43,960	33,516	581	39.3	35.9	18.3	6.4
St. Louis, Mo.	687,029	269,836	189,249	246,946																									

COLOR BY RACE, NATIVITY, AND PARENTAGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Con.

Table 20—Con. CITY.	NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.		Chl., Ind., Jap., and all other.	Total population.	NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.		Chl., Ind., Jap., and all other.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	Total population.		Native parentage.		Foreign or mixed par.		Total population.				Native parentage.		Foreign or mixed par.		Total population.		Native parentage.			Foreign or mixed par.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.		Num- ber.	Per- cent.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
<b>Georgia</b>																					Augusta	41,040	19,881	48.4	1,899	4.6	888	22,134	44.7	48											Macon	40,965	20,725	51.0	1,009	2.4	688	17,189	44.6	5											Savannah	65,664	22,634	34.8	5,818	8.9	3,332	51,336	51.1	34											<b>Illinois</b>																					Aurora	29,807	12,232	41.0	1,757	35.5	6,302	25.5	230	1.0											Bloomington	25,768	14,642	56.8	6,974	27.8	1,907	12,732	869	3.1											Danville	27,871	19,351	70.0	4,804	16.5	3,408	7,214	465	5.3											Decatur	31,140	22,422	72.5	5,306	17.2	2,422	7.8	776	2.6											East St. Louis	58,547	30,447	52.0	12,799	21.9	5,660	16,155	5,882	10.9											Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9
Augusta	41,040	19,881	48.4	1,899	4.6	888	22,134	44.7	48											Macon	40,965	20,725	51.0	1,009	2.4	688	17,189	44.6	5											Savannah	65,664	22,634	34.8	5,818	8.9	3,332	51,336	51.1	34											<b>Illinois</b>																					Aurora	29,807	12,232	41.0	1,757	35.5	6,302	25.5	230	1.0											Bloomington	25,768	14,642	56.8	6,974	27.8	1,907	12,732	869	3.1											Danville	27,871	19,351	70.0	4,804	16.5	3,408	7,214	465	5.3											Decatur	31,140	22,422	72.5	5,306	17.2	2,422	7.8	776	2.6											East St. Louis	58,547	30,447	52.0	12,799	21.9	5,660	16,155	5,882	10.9											Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																					
Macon	40,965	20,725	51.0	1,009	2.4	688	17,189	44.6	5											Savannah	65,664	22,634	34.8	5,818	8.9	3,332	51,336	51.1	34											<b>Illinois</b>																					Aurora	29,807	12,232	41.0	1,757	35.5	6,302	25.5	230	1.0											Bloomington	25,768	14,642	56.8	6,974	27.8	1,907	12,732	869	3.1											Danville	27,871	19,351	70.0	4,804	16.5	3,408	7,214	465	5.3											Decatur	31,140	22,422	72.5	5,306	17.2	2,422	7.8	776	2.6											East St. Louis	58,547	30,447	52.0	12,799	21.9	5,660	16,155	5,882	10.9											Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																									
Savannah	65,664	22,634	34.8	5,818	8.9	3,332	51,336	51.1	34											<b>Illinois</b>																					Aurora	29,807	12,232	41.0	1,757	35.5	6,302	25.5	230	1.0											Bloomington	25,768	14,642	56.8	6,974	27.8	1,907	12,732	869	3.1											Danville	27,871	19,351	70.0	4,804	16.5	3,408	7,214	465	5.3											Decatur	31,140	22,422	72.5	5,306	17.2	2,422	7.8	776	2.6											East St. Louis	58,547	30,447	52.0	12,799	21.9	5,660	16,155	5,882	10.9											Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																													
<b>Illinois</b>																					Aurora	29,807	12,232	41.0	1,757	35.5	6,302	25.5	230	1.0											Bloomington	25,768	14,642	56.8	6,974	27.8	1,907	12,732	869	3.1											Danville	27,871	19,351	70.0	4,804	16.5	3,408	7,214	465	5.3											Decatur	31,140	22,422	72.5	5,306	17.2	2,422	7.8	776	2.6											East St. Louis	58,547	30,447	52.0	12,799	21.9	5,660	16,155	5,882	10.9											Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																	
Aurora	29,807	12,232	41.0	1,757	35.5	6,302	25.5	230	1.0											Bloomington	25,768	14,642	56.8	6,974	27.8	1,907	12,732	869	3.1											Danville	27,871	19,351	70.0	4,804	16.5	3,408	7,214	465	5.3											Decatur	31,140	22,422	72.5	5,306	17.2	2,422	7.8	776	2.6											East St. Louis	58,547	30,447	52.0	12,799	21.9	5,660	16,155	5,882	10.9											Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																						
Bloomington	25,768	14,642	56.8	6,974	27.8	1,907	12,732	869	3.1											Danville	27,871	19,351	70.0	4,804	16.5	3,408	7,214	465	5.3											Decatur	31,140	22,422	72.5	5,306	17.2	2,422	7.8	776	2.6											East St. Louis	58,547	30,447	52.0	12,799	21.9	5,660	16,155	5,882	10.9											Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																										
Danville	27,871	19,351	70.0	4,804	16.5	3,408	7,214	465	5.3											Decatur	31,140	22,422	72.5	5,306	17.2	2,422	7.8	776	2.6											East St. Louis	58,547	30,447	52.0	12,799	21.9	5,660	16,155	5,882	10.9											Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																														
Decatur	31,140	22,422	72.5	5,306	17.2	2,422	7.8	776	2.6											East St. Louis	58,547	30,447	52.0	12,799	21.9	5,660	16,155	5,882	10.9											Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																		
East St. Louis	58,547	30,447	52.0	12,799	21.9	5,660	16,155	5,882	10.9											Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																						
Elgin	25,970	10,346	39.8	8,787	37.9	4,041	21.8	171	0.7											Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																										
Joliet	39,679	9,735	25.1	13,867	37.3	10,429	18.8	776	2.0											Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																														
Peoria	66,950	36,613	54.7	19,936	29.8	8,810	10,216	1,596	2.3											Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																		
Quincy	36,587	19,103	52.2	12,234	33.3	3,641	33.0	1,569	4.4											Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																						
Rockford	49,801	15,386	31.9	19,473	38.9	13,828	30.9	197	0.4											Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																										
Springfield	51,678	27,944	54.1	13,855	26.8	4,600	34.4	2,361	5.7											<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																														
<b>Indiana</b>																					Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																		
Evansville	69,647	41,945	60.2	19,670	24.4	6,402	6.4	2,966	9.0	4										Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																							
Fort Wayne	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9											South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																											
South Bend	53,684	22,889	42.6	16,725	31.2	13,420	25.0	604	1.1											Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																															
Terre Haute	36,157	45,286	72.7	9,164	15.8	3,726	6.5	2,933	4.5											<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																			
<b>Iowa</b>																					Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																							
Cedar Rapids	32,811	17,434	53.1	9,841	30.0	5,371	16.2	216	0.7											Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Davenport	25,577	11,361	44.4	8,903	34.8	4,860	19.1	459	1.7											Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Council Bluffs	13,623	6,457	47.4	3,577	26.3	1,878	13.8	107	0.8											Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Des Moines	86,368	53,783	62.3	19,634	32.2	10,395	12.9	930	3.4											Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Dubuque	39,494	15,462	40.2	16,844	43.7	6,609	15.8	96	0.2											Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Sioux City	47,828	22,425	46.8	14,239	30.2	10,452	21.9	330	0.6											Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Waterloo	26,693	17,594	65.9	6,306	23.9	2,706	10.1	24	0.1											<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
<b>Kansas</b>																					Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Kansas City	82,331	48,021	58.3	14,113	17.4	10,342	12.6	26.6	11.3											Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Topeka	45,684	27,900	61.2	7,183	16.4	4,153	9.5	438	1.0											Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Wichita	53,520	40,798	77.7	6,783	12.8	2,855	5.4	427	0.7											<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
<b>Kentucky</b>																					Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Covington	53,270	31,079	58.3	15,346	28.8	9,936	7.4	2,809	5.4											Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Lexington	35,099	21,694	61.2	2,056	9.5	3,927	21,111	61.1	12											Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Newport	30,309	15,562	51.2	10,803	35.6	4,005	11.2	569	1.9											<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
<b>Louisiana</b>																					Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Shreveport	28,015	11,534	41.3	1,533	5.5	1,645	3.6	13,936	49.6	18										<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
<b>Maine</b>																					Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Lewiston	25,247	8,180	31.2	8,592	32.7	9,418	35.9	47	0.2											Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Portland	51,581	21,121	41.5	15,654	32.7	12,078	20.0	273	0.5											<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
<b>Massachusetts</b>																					Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Brookton	56,878	23,008	40.5	17,882	31.4	14,455	27.1	331	0.9											Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Brookline town	27,792	11,615	41.8	7,587	27.3	8,345	30.0	221	0.8											Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Chelsea	32,452	8,908	27.5	11,466	35.3	13,127	40.4	212	0.6											Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Chicago	25,401	6,628	18.2	10,726	42.2	10,306	39.5	7	( )											Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Everett	33,484	11,048	33.0	10,017	30.9	9,607	28.7	795	2.4											Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Fitchburg	28,829	11,249	39.0	11,151	38.7	11,151	38.7	307	1.1											Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Haverhill	44,115	19,427	44.1	13,063	29.6	11,153	25.3	345	0.8											Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Holyoke	57,730	9,141	15.8	25,288	43.8	23,238	40.3	45	0.1											Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Lawrence	88,862	11,098	12.6	35,537	37.9	41,310	46.5	28	0.0											Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Lynn	89,336	33,180	37.1	27,994	31.3	27,344	30.6	700	0.8											Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Malden	44,404	14,338	32.3	19,336	43.5	42,624	41.1	2,865	3.0											New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
New Bedford	90,652	18,736	19.4	32,336	35.6	33,406	36.8	1,819	2.0											Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Newton	39,896	16,282	40.9	11,830	29.7	11,191	28.1	467	1.2											Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Pittsfield	32,121	13,728	42.7	11,243	35.0	6,744	21.0	329	1.0											Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Quincy	32,642	9,289	28.5	12,048	38.0	10,875	33.3	45	0.1											Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Salem	43,697	15,364	35.0	16,453	37.7	13,531	31.0	163	0.4											Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Southern Mills	27,829	12,902	46.4	10,131	36.4	9,792	35.2	14	0.0											Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Springfield	88,298	35,732	40.2	26,656	32.2	22,996	29.9	1,475	1.7											Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Taunton	34,259	11,930	34.8	12,246	35.7	9,779	28.5	297	0.9											Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Waltham	37,534	19,318	51.3	9,747	30.9	7,683	27.6	62	0.2											<b>Michigan</b>																					Battle Creek	25,267	17,504	69.3	4,564	18.1	2,610	10.4	573	2.3											Bay City	45,196	12,681	28.1	21,282	47.1	11,027	24.4	164	0.4											Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Flint	38,850	24,268	62.5	21,213	54.5	6,652	17.1	917	1.0											Jackson	31,433	18,478	58.8	8,285	26.4	4,307	13.7	351	1.1											Kalamazoo	39,437	21,554	54.7	10,528	26.7	6,837	17.4	685	1.7											Lansing	31,229	19,497	62.4	7,398	23.7	3,972	12.7	354	1.1											Saginaw	50,510	17,257	34.2	22,120	43.8	11,701	23.2	313	0.6											<b>Minnesota</b>																					Duluth	78,496	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5											<b>Missouri</b>																					Joplin	32,073	27,767	86.6	2,886	8.1	914	2.8	801	2.5											St. Joseph	17,403	50,316	60.5	1,099	8.1	1,113	10.5	4,249	25.5											Springfield	35,201	25,298	71.9	5,366	9.6	1,126	3.2	1,993	5.7											<b>Montana</b>																					Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Butte	35,165	11,143	28.5	14,606	37.3	12,880	32.0	240	0.6											<b>Nebraska</b>																					Lincoln	43,973	26,921	61.2	20,600	47.7	7,200	16.4	733	1.7											South Omaha	26,256	8,496	32.4	9,028	34.4	7,834	29.9	117	0.4											<b>New Hampshire</b>																					Manchester	70,063	16,119	23.0	24,107	34.5	24,692	35.2	36	0.1											Nashua	36,460	8,554	23.2	8,474	23.2	8,9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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CLASSIFICATION OF THE POPULATION BY SEX.

UNITED STATES AS A WHOLE.

General summary: 1910 and 1900.—Table 21 gives for the United States the sex distribution of the total population and of each of the principal color or race, nativity, and parentage classes in 1910 and 1900.

CLASS OF POPULATION.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
Total population.	47,332,277	44,639,989	106.0	38,816,448	37,178,127	104.4
White.	42,178,245	39,553,712	106.6	34,201,749	32,607,461	104.9
Negro.	4,885,881	4,941,882	98.9	4,386,517	4,447,447	98.6
Indian.	135,133	130,550	103.5	119,484	117,712	101.5
Chinese.	66,859	4,673	1,430.1	85,341	4,522	187.2
Japanese.	63,070	9,987	694.1	23,341	983	236.0
All other.	3,472	83	( )			
Total white.	42,178,245	39,553,712	106.6	34,201,735	32,607,461	104.9
Native.	24,654,457	23,721,955	102.7	28,086,450	27,938,929	102.8
Native parentage.	25,229,218	24,259,357	104.6	26,849,847	25,959,315	103.7
Foreign parentage.	6,456,795	6,459,518	100.0	5,341,359	5,290,939	101.0
Mixed parentage.	2,968,446	3,013,080	98.5	2,495,253	2,518,484	99.1
Foreign born.	7,523,788	5,821,757	129.2	5,515,285	4,698,532	117.4

<sup>1</sup> Ratio not shown, the number of females being less than 100.

There were in the United States in 1910, 47,332,277 males and 44,639,989 females, or 106 males to each 100 females. In most European countries females outnumber males, the number of males to 100 females, according to recent censuses, being 93.7 in England and Wales, 96.7 in France, 97.4 in the German Empire, 97 in Switzerland, 99 in Italy, 96.5 in Austria, 99.1 in Hungary, and 98.9 in Russia.

The excess of males in the United States is partly due to extensive immigration, a much larger proportion of the immigrants being males than females. In the native white population of the United States, however, there is also an excess of males over females. The number of males in this class in 1910 was 34,654,457 and the number of females 33,731,955, the ratio being 102.7 males to each 100 females.

Considerable differences in sex distribution appear among the several classes of population in the United States. There is a great excess of males in the Chinese and Japanese population, and among the foreign-born whites in 1910 there were 129.2 males to 100 females. The variations in sex distribution among the several native groups—the negroes, the Indians (these two classes being practically all native), and the three parentage groups of native whites—are not easily explained. They may in some degree reflect variations in the ratio between male and female births combined with differences in the death rates, particularly of young children, in the respective groups. Among the native whites of native parentage in 1910 there were 104 males to 100 females, but among those of foreign parentage there was an almost exact equality of the sexes. Among native whites of mixed parentage—the females outnumbered the males,

and this was also the case among the negroes, the ratio for the negroes being 98.9 males to 100 females. Among the Indians the males were in the majority.

Males increased more rapidly than females in the United States from 1900 to 1910. The former increased from 38,816,448 to 47,332,277, an increase of 8,515,829, or 21.9 per cent; the latter from 37,178,127 to 44,639,989, an increase of 7,461,862, or 20.1 per cent. There were 106 males to 100 females in 1910 as compared with 104.4 in 1900. The increasing predominance of males among immigrants largely accounts for this difference in the rate of increase of the two sexes. Little change occurred in the sex ratio for the native population, but among the foreign-born whites the ratio increased from 117.4 males to 100 females in 1900 to 129.2 in 1910.

Comparison with earlier censuses.—Table 22 shows, for each census from 1820 to 1910, the number of males and females in the total population, and the ratio of males to females for the total population, and for the whites and negroes separately; and also, for each census from 1850 to 1910, the ratio for the native whites and the foreign-born whites.

CENSUS YEAR.	POPULATION.			MALES TO 100 FEMALES.			
	Male.	Female.	Total population.	White.			Negro.
				Total.	Native.	Foreign born.	
1910.	47,332,277	44,639,989	106.0	106.6	102.7	129.2	98.9
1900.	38,816,448	37,178,127	104.4	104.9	102.8	117.4	98.6
1890.	32,237,101	30,710,613	105.0	105.4	102.9	118.7	99.5
1880.	25,518,853	24,636,863	103.6	104.0	102.1	115.9	97.8
1870.	19,463,563	19,064,806	102.2	102.8	100.6	115.3	96.2
1860.	15,085,204	15,538,117	103.7	105.3	103.7	115.1	96.6
1850.	11,857,660	11,754,716	101.3	105.2	105.1	122.8	99.1
1840.	8,688,152	8,380,921	103.7	104.5	.....	.....	99.5
1830.	6,552,469	6,355,551	103.1	103.8	.....	.....	100.3
1820.	4,896,695	4,741,848	103.3	103.2	.....	.....	103.4

The sex ratio of the total population, while it has not varied greatly since 1820, reveals a tendency to an increasing preponderance of males, largely accounted for, no doubt, by increasing immigration. The rather marked decline in the ratio of males to females revealed by the census of 1870 probably reflects the effects of the Civil War. The decline between 1890 and 1900 is attributable to the check to immigration consequent upon the financial crisis of 1893. On the other hand, the enormous immigration between 1900 and 1910 resulted in a relative excess of males in 1910 greater than recorded by any previous census. The excess of males over females has, at every census since 1830, been confined to the whites, there being a slight excess of females over males in the negro population. The sex of the negro population was not reported prior to 1820. For the whites the number of males to 100 females in 1790 was 103.8, and both in 1800 and 1810 it was 104.

There has been little variation in the ratio of males to females in the native white population since 1880,

but the ratio in 1870—100.6 males to 100 females—was appreciably lower than at the subsequent censuses. Among foreign-born whites the ratio of males to females was higher in 1910 than at any of the preceding censuses for which figures are available.

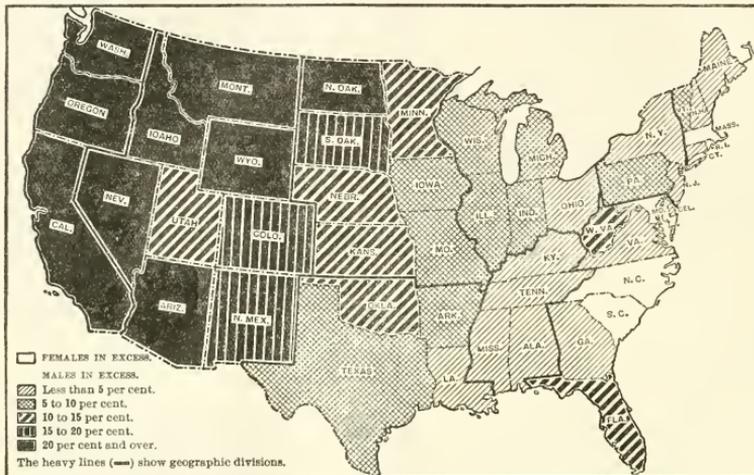
#### DIVISIONS AND STATES.

The population of each geographic division for the principal color or race, nativity, and parentage elements, in 1910 and 1900, is classified by sex

in Table 23. Similar data for each state are given in Tables 25 and 26 on subsequent pages, except that the 1900 figures are given only for the aggregate and for the foreign-born white population, the latter being the only large class in which there has been a material change in sex distribution since 1900.

The accompanying map shows graphically the differences among the states in the ratio of males to females in the total population for 1910.

RATIO OF MALES TO FEMALES IN THE TOTAL POPULATION: 1910.



The preponderance of males in the aggregate population in 1910 was most marked in the Pacific and Mountain divisions, with ratios, respectively, of 129.5 and 127.9 males to 100 females. The proportion of males was lowest in New England, where there was a slight excess of females over males, and in the South Atlantic and East South Central divisions. Except in the East South Central division, where the ratio of males to females was the same in 1900 as in 1910, and in the Mountain division, where it decreased slightly (from 128 to 127.9), the proportion of males in each division was greater in 1910 than in 1900. The proportion of males increased in every state east of the Mississippi except in Kentucky and Tennessee, where the changes were insignificant. West of the Mississippi the proportion increased in 9 states, decreased in 12 states, and remained unchanged in 1 state.

The sex distribution of the total population in any state is more or less affected by immigration from foreign countries and by migratory movements from or to other states. The ratio of males to females among

the native whites of native parentage is considerably affected by interstate migration. In general, men are more apt to migrate than women. As in the case of the aggregate population, the excess of males among native whites of native parentage was greatest in the Mountain and Pacific divisions, which have grown rapidly through migration from farther east, the ratios in 1910 being, respectively, 119.8 and 117.4 males to 100 females. In two of the eastern divisions, the New England and Middle Atlantic, there was an excess of females over males in this class. The number of males to 100 females in 1910 in the District of Columbia was lower than in any of the states. Among the states it was lowest in Massachusetts (95.2) and highest in Nevada (161.3), Wyoming (151.8), Montana (139.6), and Arizona (135).

In every division, and in every state except Massachusetts, Virginia, Arkansas, Oklahoma, and New Mexico, the proportion of males among the native whites of foreign or mixed parentage was lower than it was among the native whites of native parentage. In

each of the five divisions east of the Mississippi the males in the former class were outnumbered by the females. The lowest ratio shown for any division was that for the East South Central, 94.5 males to 100 females.

Atlantic to 146.9 in the South Atlantic. The highest state ratios were for Nevada (331.4 to 100), Wyoming (287.2), West Virginia (261.8), Montana (238.4), Idaho (227.5), and Oregon (209.9); the lowest was that for Massachusetts (99.5). In every division, and in every state except Virginia, Alabama, Mississippi, and Arkansas, the proportion of males among foreign-born whites was greater in 1910 than it was in 1900.

The negro population in 1910 showed an excess of females in the South Atlantic and East South Central divisions, the two divisions where negroes are most numerous, but a slight excess of males appeared in the West South Central division. Among the other divisions females were in excess in the New England and Middle Atlantic divisions only, the excess of males in the other four divisions being doubtless due to a preponderance of males among negroes migrating from the South.

The sex distribution of the Indian, the Chinese, and the Japanese population in 1910 is shown in Table 24 for the United States and for the states in which these elements are relatively numerous.

DIVISION AND CLASS OF POPULATION.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
<b>UNITED STATES.</b>						
Total.....	47,332,277	44,639,989	106.0	38,816,448	37,178,127	104.4
Native white.....	34,654,457	33,771,955	102.7	28,680,450	27,908,929	102.8
Native parentage.....	25,229,218	24,227,357	104.0	20,849,877	20,099,515	103.7
Foreign or mixed par.....	9,425,239	9,544,598	98.5	7,839,693	7,809,414	100.3
Foreign-born white.....	7,523,788	5,821,757	129.2	5,515,285	4,698,532	117.4
Negro.....	4,885,851	4,911,882	98.9	4,380,547	4,447,447	98.6
<b>New England</b>						
Total.....	3,265,114	3,237,567	99.3	2,761,786	2,828,221	97.7
Native white.....	2,389,899	2,361,929	101.2	1,928,426	2,049,293	97.7
Native parentage.....	1,235,890	1,319,529	98.1	1,243,718	1,307,392	98.1
Foreign or mixed par.....	1,005,379	1,047,330	96.0	777,143	801,901	96.9
Foreign-born white.....	928,337	888,049	104.5	709,260	727,012	97.5
Negro.....	32,785	33,523	97.8	29,579	30,520	93.6
<b>Middle Atlantic</b>						
Total.....	9,813,266	9,562,626	103.3	7,761,081	7,693,597	100.9
Native white.....	6,934,755	7,099,518	98.0	5,858,471	5,950,275	98.5
Native parentage.....	4,208,194	4,254,770	98.9	3,687,384	3,719,183	99.1
Foreign or mixed par.....	2,746,561	2,844,748	96.5	2,171,087	2,231,080	97.3
Foreign-born white.....	2,641,993	2,184,596	120.9	1,728,492	1,775,634	109.8
Negro.....	205,466	214,494	94.8	159,711	156,210	99.1
<b>East North Central</b>						
Total.....	9,392,539	8,857,782	106.0	8,177,395	7,508,273	104.7
Native white.....	7,482,146	7,378,256	101.4	6,612,063	6,477,093	102.1
Native parentage.....	4,945,947	4,896,421	102.9	4,311,913	4,176,103	103.3
Foreign or mixed par.....	2,546,592	2,971,361	98.6	2,305,182	2,901,991	99.9
Foreign-born white.....	1,741,015	1,326,203	131.3	1,420,384	1,199,943	118.4
Negro.....	156,431	144,465	108.3	134,445	123,397	109.0
<b>West North Central</b>						
Total.....	6,092,385	5,545,068	109.9	5,412,014	4,835,409	108.7
Native white.....	4,999,117	4,739,273	105.5	4,401,359	4,133,327	106.5
Native parentage.....	3,365,337	3,158,339	106.6	2,953,804	2,727,099	107.6
Foreign or mixed par.....	1,633,779	1,580,934	103.3	1,467,551	1,406,120	104.4
Foreign-born white.....	844,767	684,978	123.3	865,883	844,129	101.4
Negro.....	125,264	116,798	107.3	121,272	116,637	104.0
<b>South Atlantic</b>						
Total.....	6,134,605	6,060,290	101.2	5,222,595	5,220,889	100.0
Native white.....	3,925,704	3,855,493	101.8	3,290,699	3,249,560	101.2
Native parentage.....	2,708,417	2,632,788	102.1	2,075,951	2,033,363	101.3
Foreign or mixed par.....	217,289	222,554	97.6	192,658	197,203	97.7
Foreign-born white.....	172,577	117,683	146.9	115,360	95,523	123.3
Negro.....	2,629,808	2,682,800	97.5	1,855,525	1,893,492	96.9
<b>East South Central</b>						
Total.....	4,245,169	4,164,732	101.9	3,809,866	3,738,091	101.9
Native white.....	2,877,060	2,796,409	103.1	2,514,122	2,441,633	103.0
Native parentage.....	2,722,592	2,679,940	103.5	2,400,720	2,255,054	103.3
Foreign or mixed par.....	104,468	110,599	94.5	113,412	115,979	97.8
Foreign-born white.....	30,542	36,315	139.2	50,706	38,976	130.1
Negro.....	1,315,792	1,336,731	98.4	1,245,852	1,256,304	98.9
<b>West South Central</b>						
Total.....	4,544,505	4,240,029	107.2	3,372,284	3,140,034	106.7
Native white.....	3,307,343	3,063,387	107.9	2,339,975	2,167,080	108.0
Native parentage.....	2,907,128	2,770,327	104.9	2,095,999	1,932,985	108.2
Foreign or mixed par.....	310,215	292,060	106.2	243,976	234,133	104.2
Foreign-born white.....	202,742	140,017	138.8	151,333	112,677	134.3
Negro.....	994,025	966,401	104.0	840,797	807,289	99.9
<b>Mountain</b>						
Total.....	1,478,018	1,155,499	127.9	840,035	734,619	123.0
Native white.....	1,138,126	970,063	117.4	791,422	697,983	123.0
Native parentage.....	799,232	667,294	119.8	471,222	383,879	122.8
Foreign or mixed par.....	336,796	297,125	113.0	220,200	203,163	114.8
Foreign-born white.....	296,022	150,888	189.6	179,990	108,371	166.1
Negro.....	11,766	9,701	121.3	9,104	6,486	140.4
<b>Pacific</b>						
Total.....	2,365,906	1,626,398	129.5	1,357,694	1,068,998	128.2
Native white.....	1,082,833	1,476,492	113.8	968,702	852,629	113.5
Native parentage.....	1,138,762	970,063	117.4	631,136	534,485	118.1
Foreign or mixed par.....	544,168	509,487	106.8	337,566	318,135	106.0
Foreign-born white.....	555,896	303,550	183.9	262,775	179,719	162.3
Negro.....	15,946	19,246	129.4	8,002	6,622	121.1

In the foreign-born white population the number of males to 100 females in 1910 was highest in the Mountain division (189.6), almost as high in the Pacific division (181.9), and lowest in New England (104.8). In the other divisions it ranged from 120.9 in the Middle

STATE.	Male.	Female.	Males to 100 females.	INDIAN.		
				Male.	Female.	Males to 100 females.
<b>UNITED STATES.</b>						
Oklahoma.....	125,133	130,560	103.5			
Arizona.....	37,690	37,135	101.5			
New Mexico.....	15,056	16,145	106.1			
Washington.....	10,430	10,153	102.6			
South Dakota.....	9,540	9,987	99.4			
California.....	8,346	8,015	104.3			
Washington.....	5,487	5,310	99.5			
Montana.....	5,384	5,901	100.4			
Wisconsin.....	5,231	4,911	106.5			
Minnesota.....	4,578	4,475	102.5			
Michigan.....	3,968	3,551	111.7			
North Carolina.....	3,904	3,857	102.0			
North Dakota.....	3,224	3,262	98.8			
New York.....	3,075	2,971	103.5			
Nevada.....	2,633	2,607	101.0			
Oregon.....	2,534	2,556	99.1			
Nebaska.....	1,777	1,725	103.0			
Idaho.....	1,757	1,721	102.7			
Utah.....	1,673	1,459	115.4			
Kansas.....	1,394	1,050	132.8			
All other states.....	7,382	6,408	114.9			
<b>CHINESE.</b>						
<b>UNITED STATES.</b>						
California.....	68,856	4,675	1,430.1			
Oregon.....	33,043	3,245	1,017.0			
New York.....	4,943	4,209	1,164.6			
Washington.....	5,065	200	2,519.9			
Michigan.....	2,919	101	1,528.8			
Illinois.....	2,518	64	( )			
Pennsylvania.....	2,030	73	( )			
Arizona.....	1,749	53	( )			
Montana.....	1,242	63	( )			
Nebaska.....	1,227	58	( )			
New Jersey.....	1,069	107	1,000.0			
All other states.....	9,371	376	2,492.3			
<b>JAPANESE.</b>						
<b>UNITED STATES.</b>						
California.....	63,070	9,087	694.1			
Washington.....	38,116	6,240	562.8			
Colorado.....	11,241	1,688	663.9			
Oregon.....	3,124	294	1,054.6			
Utah.....	2,192	108	2,029.6			
Idaho.....	2,021	89	( )			
Montana.....	1,539	38	( )			
Wyoming.....	1,549	47	( )			
Idaho.....	1,253	70	( )			
Washington.....	1,060	167	646.7			
All other states.....	3,895	358	1,088.0			

( ) Ratio not shown, the number of females being less than 100.

## ABSTRACT OF THE CENSUS—POPULATION.

## MALES AND FEMALES, BY STATES, 1910.

Table 25 DIVISION AND STATE.	TOTAL POPULATION.						WHITE, 1910.			NEGRO: 1910.			INDIAN, CHINESE, JAPANESE, AND ALL OTHER 1910.			
	1910			1900			1910		1910		1910		1910		1910	
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	
United States	47,322,277	44,639,989	106.0	38,816,448	37,178,127	104.4	42,178,248	39,583,712	106.6	4,885,881	4,841,882	98.9	268,151	144,398	185.7	
NEW ENGLAND:																
Maine	377,062	365,319	103.2	350,999	343,474	102.2	375,766	364,229	103.2	700	663	105.6	556	427	137.2	
New Hampshire	216,290	214,282	100.9	205,379	206,209	99.6	215,918	213,988	100.9	288	276	104.2	84	18	( )	
Vermont	182,568	173,388	105.3	175,138	168,093	103.9	181,372	172,296	104.9	1,173	448	261.8	23	14	( )	
Massachusetts	1,655,248	1,711,168	96.7	1,367,474	1,437,872	95.1	1,633,487	1,691,439	96.6	18,748	19,307	97.7	3,013	422	714.0	
Rhode Island	270,314	272,296	99.3	210,516	218,040	96.5	265,242	267,250	99.2	4,645	4,884	95.1	427	162	263.6	
Connecticut	563,642	551,114	102.3	454,294	454,126	100.0	555,821	543,076	102.3	7,229	7,945	91.0	592	93	( )	
MIDDLE ATLANTIC:																
New York	4,584,597	4,529,017	101.2	3,614,780	3,654,114	98.9	4,511,327	4,455,518	101.3	64,034	70,157	91.3	9,236	3,342	276.4	
New Jersey	1,286,463	1,250,704	102.9	941,760	941,909	100.0	1,241,482	1,204,412	103.1	43,602	46,158	94.5	1,379	134	1,029.1	
Pennsylvania	3,942,206	3,722,905	105.9	3,204,541	3,097,574	103.5	3,843,539	3,624,174	106.1	95,830	98,089	97.7	2,837	642	441.9	
EAST NORTH CENTRAL:																
Ohio	2,434,758	2,332,363	104.4	2,102,655	2,054,800	102.3	2,376,082	2,278,815	104.3	57,995	53,457	108.5	681	91	( )	
Indiana	1,383,295	1,317,581	105.0	1,285,404	1,231,038	104.4	1,351,792	1,288,169	104.9	31,044	29,276	106.0	469	136	337.5	
Illinois	2,911,674	2,736,917	106.8	2,472,782	2,348,768	105.3	2,852,386	2,674,570	106.6	56,908	52,140	109.1	2,379	201	1,183.6	
Michigan	1,454,534	1,355,639	107.3	1,245,905	1,172,077	106.6	1,441,281	1,343,906	107.2	9,607	8,108	111.1	4,246	3,365	1,191.6	
Wisconsin	1,208,578	1,125,282	107.4	1,067,562	1,001,480	106.6	1,201,620	1,118,935	107.4	1,476	1,424	103.7	5,482	4,923	111.4	
WEST NORTH CENTRAL:																
Minnesota	1,108,511	967,197	114.6	932,400	818,904	113.0	1,099,425	929,802	114.5	4,183	2,901	144.2	4,903	4,494	109.1	
Iowa	1,148,171	1,076,600	106.6	1,056,849	1,075,004	107.6	1,139,621	1,069,570	106.5	8,120	6,833	118.5	430	177	242.9	
Missouri	1,687,813	1,605,522	105.1	1,595,710	1,510,955	105.6	1,666,556	1,528,376	109.1	80,489	76,963	104.6	768	183	419.7	
North Dakota	317,554	259,502	122.4	177,493	141,653	125.3	313,851	256,004	122.6	381	236	161.4	3,322	3,262	101.8	
South Dakota	317,112	266,776	118.9	216,164	185,406	116.6	306,952	256,810	119.6	4,628	3,439	134.1	9,692	9,608	100.9	
Nebraska	627,782	564,432	111.2	564,592	501,708	112.5	621,642	539,251	111.0	4,289	3,400	124.2	4,851	1,751	141.7	
Kansas	885,912	805,037	110.6	768,716	701,779	109.5	856,437	777,915	110.1	37,964	29,096	107.3	7,511	1,056	143.1	
SOUTH ATLANTIC:																
Delaware	103,433	98,887	104.6	94,158	90,577	104.0	87,357	83,715	104.4	16,011	15,170	105.5	37	2	( )	
Maryland	644,225	601,121	98.9	589,275	598,769	98.4	593,072	583,567	99.2	114,749	117,591	97.7	404	53	( )	
District of Columbia	158,020	173,019	91.3	132,004	148,714	90.0	115,001	121,127	94.9	82,615	51,831	82.2	434	61	( )	
Virginia	1,035,348	1,026,264	100.9	928,897	928,287	99.7	704,363	685,446	102.8	330,542	340,554	97.1	443	264	167.8	
West Virginia	641,044	577,075	111.6	499,242	459,558	108.6	607,236	549,491	110.5	36,607	27,566	132.8	111	18	( )	
North Carolina	1,098,476	1,107,811	99.2	938,677	955,138	98.3	754,852	745,659	101.2	339,881	355,262	94.8	4,043	3,880	103.9	
South Carolina	751,842	763,558	98.5	664,885	675,421	98.4	343,544	335,617	102.4	408,678	427,765	95.4	220	176	125.0	
Georgia	1,905,019	1,904,102	100.1	1,163,201	1,113,130	99.1	734,486	707,314	102.4	580,263	596,724	97.2	288	64	( )	
Florida	394,166	358,453	110.0	275,246	253,296	108.7	222,545	211,099	110.2	161,362	147,307	109.5	259	57	( )	
EAST SOUTH CENTRAL:																
Kentucky	1,161,709	1,128,196	103.0	1,090,227	1,056,947	103.1	1,030,033	997,918	103.2	131,492	130,164	101.0	184	114	161.4	
Tennessee	1,103,491	1,081,298	102.1	1,021,224	999,322	102.2	899,622	841,810	103.3	233,710	239,378	97.6	159	110	144.5	
Alabama	1,074,369	1,063,884	101.0	916,704	911,033	100.5	625,891	602,941	103.8	447,794	460,488	97.2	624	456	115.5	
Mississippi	905,760	891,354	101.6	781,451	769,819	101.5	402,036	384,055	104.7	502,796	506,691	99.2	908	668	149.3	
WEST SOUTH CENTRAL:																
Arkansas	810,026	764,423	106.0	675,312	636,252	106.1	586,420	544,606	107.7	233,323	219,598	101.7	283	249	113.7	
Louisiana	835,273	821,113	101.7	694,733	686,892	101.1	480,469	466,626	104.3	333,824	340,050	98.3	991	437	226.8	
Oklahoma <sup>2</sup>	881,528	775,577	113.7	423,311	367,080	115.3	771,770	678,774	114.7	71,937	65,675	106.6	37,871	37,141	102.0	
Texas	2,017,626	1,878,916	107.4	1,578,900	1,469,810	107.4	1,671,437	1,533,411	109.0	344,941	345,108	100.0	1,248	397	314.4	
MOUNTAIN:																
Montana	229,872	193,181	124.1	149,842	93,487	160.3	217,620	142,960	152.2	1,058	770	136.3	8,194	5,445	150.5	
Idaho	185,546	140,618	132.5	93,367	68,405	136.5	181,237	137,984	131.3	398	233	157.3	3,911	1,811	216.0	
Wyoming	91,670	54,235	168.8	58,184	34,347	169.4	87,497	52,161	165.6	1,544	691	223.4	2,629	788	335.8	
Colorado	430,697	368,327	116.9	295,332	244,368	120.9	421,471	361,944	116.4	5,867	5,586	105.0	3,359	977	421.5	
New Mexico	175,346	152,006	115.3	104,228	91,082	114.4	163,422	141,152	115.8	891	737	120.9	10,912	16,167	107.3	
Arizona	118,574	85,780	138.2	71,795	51,136	140.4	100,871	70,597	142.9	1,054	955	110.4	16,649	14,228	117.1	
Utah	196,863	176,488	111.5	141,687	135,062	104.9	192,118	174,456	110.1	691	483	152.5	4,054	1,570	258.2	
Nevada	62,551	29,324	179.2	25,600	16,732	153.0	47,892	26,384	181.5	263	250	105.2	4,396	2,690	163.4	
PACIFIC:																
Washington	658,663	483,327	136.3	304,178	213,925	142.2	635,496	473,615	134.2	3,738	2,322	160.9	19,431	7,290	262.9	
Oregon	384,265	288,500	133.2	232,985	180,531	129.0	370,345	284,746	130.1	907	688	155.0	13,013	3,170	410.5	
California	1,322,978	1,064,571	125.5	820,531	664,522	123.5	1,232,900	1,026,682	120.1	11,303	10,342	109.3	78,685	17,547	448.4	

<sup>1</sup> Ratio not shown, the number of females being less than 100.<sup>2</sup> Includes population of Indian Territory for 1900.

CLASSIFICATION OF POPULATION BY SEX.

WHITE MALES AND FEMALES, BY STATES: 1910.

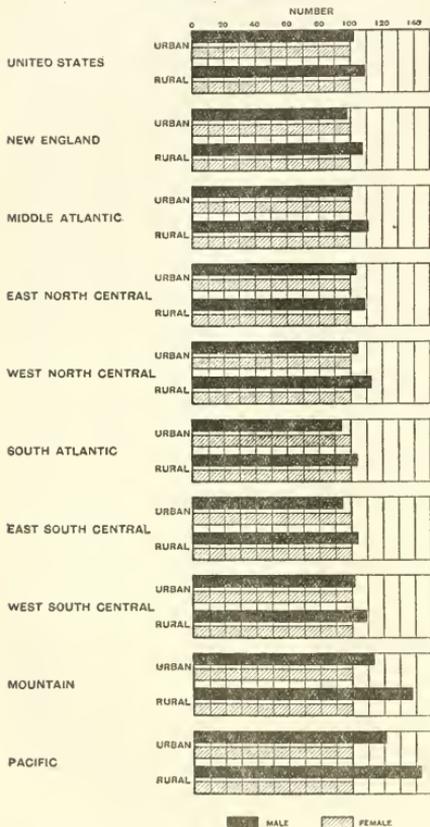
Table 26 DIVISION AND STATE.	NATIVE WHITE: 1910										FOREIGN-BORN WHITE.					
	Total.			Native percentage.			Foreign or mixed parentage.				1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	
United States	34,654,457	33,731,955	102.7	25,229,218	24,259,357	104.0	9,425,239	9,472,598	99.5	7,533,788	5,821,737	129.2	5,515,288	4,698,532	117.4	
<b>NEW ENGLAND:</b>																
Maine	317,798	312,064	101.8	249,738	245,109	101.9	68,060	66,895	101.7	57,968	52,165	111.1	47,976	44,959	106.7	
New Hampshire	165,250	168,098	98.3	114,628	115,603	99.2	50,622	52,495	96.4	50,668	48,890	110.4	44,387	43,574	101.9	
Vermont	153,540	150,867	101.6	116,227	113,155	102.7	37,223	37,882	98.4	27,922	21,939	127.3	24,508	20,186	121.4	
Massachusetts	1,109,359	1,164,517	95.3	538,064	565,335	95.2	571,295	599,182	95.3	534,128	526,922	99.5	404,001	436,113	92.6	
Rhode Island	174,659	179,508	97.1	79,735	80,096	99.6	94,924	99,222	95.2	90,583	87,442	103.6	65,571	68,201	96.1	
Connecticut	378,733	391,383	96.8	195,468	200,181	97.6	183,285	191,204	95.9	177,068	151,601	116.7	122,817	114,579	107.2	
<b>MIDDLE ATLANTIC:</b>																
New York	3,078,904	3,158,669	97.5	1,606,624	1,623,701	98.0	1,472,280	1,534,968	95.9	1,432,423	1,296,849	110.5	953,785	933,738	101.9	
New Jersey	884,946	902,760	98.0	502,171	507,738	98.9	382,775	395,022	96.9	356,536	301,652	118.2	223,116	206,934	107.8	
Pennsylvania	2,990,905	3,638,089	98.4	2,069,396	2,123,331	98.0	891,509	914,758	97.5	832,634	586,085	145.5	551,591	430,952	128.0	
<b>EAST NORTH CENTRAL:</b>																
Ohio	2,029,911	2,027,711	100.1	1,527,978	1,505,281	101.5	501,963	522,430	96.1	346,141	251,104	137.8	246,664	211,236	116.8	
Indiana	1,254,609	1,226,030	102.3	1,079,947	1,050,141	102.8	174,662	175,889	99.3	97,183	62,139	156.4	78,487	63,374	123.8	
Illinois	2,178,791	2,145,611	101.5	1,324,922	1,275,633	103.9	853,869	869,978	98.1	675,548	528,956	127.3	517,648	486,987	115.8	
Michigan	1,107,624	1,082,609	102.4	625,032	599,509	104.2	482,392	482,290	100.1	333,565	267,807	127.4	295,192	245,004	120.5	
Wisconsin	911,181	896,805	101.6	387,668	375,357	103.2	523,513	521,248	100.4	206,439	222,130	100.8	282,359	283,112	98.0	
<b>WEST NORTH CENTRAL:</b>																
Minnesota	778,944	737,273	105.7	361,552	273,528	110.2	477,392	463,744	102.9	320,481	222,529	144.0	287,473	217,462	132.2	
Iowa	982,192	953,315	103.0	618,906	639,617	103.8	315,285	313,698	101.4	157,429	116,665	135.7	170,853	134,899	126.7	
Missouri	1,474,700	1,431,336	103.0	1,063,569	1,109,269	104.2	256,134	262,067	97.7	131,856	97,044	136.9	119,565	96,210	124.3	
North Dakota	221,221	192,476	114.9	89,162	73,299	121.6	132,069	119,177	110.8	92,639	63,528	145.8	66,145	46,465	142.4	
South Dakota	247,256	215,887	114.5	133,671	112,851	118.2	114,182	103,356	110.5	59,666	40,902	145.8	50,967	37,262	136.4	
Nebraska	510,461	484,967	107.1	334,744	307,931	108.5	185,317	177,036	104.7	101,581	74,284	136.7	99,712	77,403	128.9	
Kansas	775,543	723,819	107.1	624,933	582,104	107.4	150,390	141,715	106.1	81,094	54,066	149.9	72,249	54,337	132.8	
<b>SOUTH ATLANTIC:</b>																
Delaware	77,463	76,210	101.6	64,680	63,129	102.5	12,783	13,090	97.7	9,224	7,496	122.4	7,530	6,139	121.5	
Maryland	474,758	483,710	98.1	381,298	385,522	99.0	93,860	98,478	95.4	54,817	49,667	108.9	47,005	46,980	101.0	
Dist. of Columbia	102,084	109,693	93.1	80,507	86,204	93.4	21,577	23,489	91.9	12,917	11,424	113.0	10,213	9,207	109.7	
Virginia	687,633	675,546	101.5	667,946	677,292	101.6	19,689	18,254	107.9	16,728	9,900	168.0	12,694	7,034	171.1	
West Virginia	586,027	538,718	106.1	536,985	505,122	106.2	29,402	28,596	101.6	41,299	18,773	219.8	14,164	8,215	172.4	
North Carolina	751,107	743,462	101.0	746,715	739,003	101.0	4,392	4,459	98.5	3,745	2,197	170.5	2,712	1,682	161.2	
South Carolina	339,825	333,252	102.0	334,238	327,632	102.0	5,487	5,620	97.1	3,719	2,323	159.3	3,159	2,212	142.8	
Georgia	174,970	161,760	101.9	702,498	698,008	101.9	12,821	12,751	101.3	9,518	5,554	171.4	7,283	4,738	153.7	
Florida	211,840	197,952	107.0	193,892	180,165	107.6	18,038	17,787	101.4	20,706	13,137	157.6	11,260	7,997	140.8	
<b>EAST SOUTH CENTRAL:</b>																
Kentucky	1,008,422	979,476	102.9	948,864	914,330	103.8	59,558	65,146	91.4	21,611	18,442	117.2	25,440	23,693	111.6	
Tennessee	858,475	834,498	102.9	839,497	815,169	103.0	18,978	19,389	97.9	11,147	7,312	152.4	10,291	7,295	141.1	
Alabama	614,065	598,811	103.1	567,894	579,565	103.2	16,171	16,246	99.5	11,826	7,130	165.9	8,949	5,389	166.1	
Mississippi	396,098	380,424	104.1	386,337	370,896	104.2	9,761	9,728	100.3	5,958	3,431	173.7	5,060	2,999	168.4	
<b>WEST SOUTH CENTRAL:</b>																
Arkansas	575,813	538,304	107.0	556,409	521,100	106.8	19,404	17,204	112.8	10,607	6,302	168.3	8,911	5,275	168.9	
Louisiana	450,817	438,487	102.8	396,556	380,231	104.2	54,441	58,256	93.5	29,643	22,139	133.9	28,534	23,019	125.3	
Oklahoma <sup>1</sup>	746,100	658,347	113.3	685,556	614,847	111.3	50,544	50,500	116.2	20,650	14,414	178.1	12,678	7,712	164.4	
Texas	1,534,615	1,430,249	107.3	1,348,808	1,254,142	107.5	185,807	176,107	105.5	136,822	103,162	132.6	100,910	76,671	131.6	
<b>MOUNTAIN:</b>																
Montana	153,060	115,876	132.1	94,467	67,690	139.6	58,598	48,216	121.5	64,560	27,084	238.4	43,299	19,164	225.5	
Idaho	133,155	125,639	121.9	112,310	91,289	123.0	40,845	34,350	118.9	48,682	12,842	227.5	14,525	7,365	197.7	
Wyoming	67,382	45,818	147.1	48,652	32,644	151.8	18,730	13,774	136.0	20,115	7,003	276.1	11,586	4,966	231.9	
Colorado	343,397	313,167	109.7	250,989	224,147	112.0	92,408	89,020	103.8	78,074	48,777	160.1	55,422	35,053	158.9	
New Mexico	148,610	133,330	111.3	131,528	121,081	111.1	14,082	12,249	115.0	14,832	7,822	189.6	8,270	4,911	166.7	
Arizona	70,285	54,359	129.3	47,370	35,098	133.0	22,915	19,261	119.0	30,586	16,238	188.4	14,139	8,206	172.9	
Utah	156,172	147,018	106.2	89,205	82,458	108.2	65,967	61,560	107.3	35,946	27,447	131.0	26,728	26,076	102.5	
Nevada	34,065	22,212	153.4	21,809	13,517	161.3	12,256	8,695	141.0	13,827	4,172	331.4	6,061	2,520	240.5	
<b>PACIFIC:</b>																
Washington	474,775	393,139	120.8	324,335	261,051	124.2	150,440	132,068	113.9	160,721	80,476	199.7	67,078	35,047	191.4	
Oregon	300,585	251,504	119.5	228,772	188,679	121.6	71,813	63,429	113.2	69,760	33,241	209.9	33,385	19,976	169.6	
California	907,572	834,846	108.7	585,658	529,875	112.4	321,915	313,974	102.5	325,417	191,833	169.6	191,812	124,693	153.8	

<sup>1</sup>Includes population of Indian Territory for 1900.

## URBAN AND RURAL POPULATION.

Table 27 gives the ratio of males to females in the total population and the principal color or race, nativity, and parentage classes in urban and in rural communities, respectively, for the country as a whole and for each division separately. Table 28 shows the corresponding classification by sex. The accompanying diagram shows graphically the ratios for each geographic division.

MALES TO 100 FEMALES IN URBAN AND RURAL COMMUNITIES: 1910.



Of the aggregate urban population of the United States in 1910, 21,496,181 were males and 21,127,202 females, the number of males to 100 females being 101.7. Of the aggregate rural population, 25,836,096

were males and 23,512,787 females, the number of males to 100 females being 109.9. In each class of the population the proportion of males increased between 1900 and 1910—in the urban, from 98.7 to 101.7 males to 100 females, and in the rural, from 108.5 to 109.9.

In every division also the proportion of males, both in the urban and in the rural population, increased between 1900 and 1910; and in every division, as in the country as a whole, the proportion of males in rural communities was greater than in urban. In the rural population of each division the males outnumbered the females, but in the urban population of three divisions—the New England, South Atlantic, and East South Central—the females outnumbered the males.

The fact that females form a larger proportion of the population in urban than in rural communities throughout the United States exists despite the fact that the foreign-born whites—a class in which, as previously noted, males are greatly in the majority—are largely concentrated in cities.

The higher proportion of females in the cities is generally attributed, at least in part, to the fact that the city as compared with the country affords more opportunities for women to find employment. Differences in birth and death rates also probably affect it.

Table 27 MALES TO 100 FEMALES.

DIVISION AND CLASS OF COMMUNITY.	MALES TO 100 FEMALES.					
	Total population.		Native white: 1910		Foreign-born white: 1910	Negro: 1910
	1910	1900	Native parentage.	Foreign or mixed parentage.		
United States .....	106.0	104.4	104.0	95.5	129.2	98.9
Urban .....	101.7	98.7	99.3	94.6	118.9	80.8
Rural .....	109.9	108.5	106.7	109.5	161.1	102.1
NEW ENGLAND .....	99.3	97.7	98.1	96.0	104.8	97.8
Urban .....	97.8	95.7	95.5	95.2	103.1	85.2
Rural .....	107.4	106.1	104.6	101.6	128.1	131.8
MIDDLE ATLANTIC .....	103.3	100.9	98.9	96.5	120.9	94.9
Urban .....	100.6	98.0	95.1	94.9	114.0	90.8
Rural .....	110.1	106.6	102.5	104.8	165.9	114.8
EAST NORTH CENTRAL .....	106.0	104.7	102.9	98.6	131.3	108.3
Urban .....	103.2	99.7	99.3	93.4	127.7	104.6
Rural .....	109.3	109.1	105.6	107.9	149.7	121.4
WEST NORTH CENTRAL .....	109.9	109.7	106.6	103.3	141.3	107.8
Urban .....	104.5	102.8	102.5	93.2	134.8	101.1
Rural .....	112.7	112.5	108.4	109.0	145.7	115.8
SOUTH ATLANTIC .....	101.2	100.0	102.1	97.6	146.9	97.5
Urban .....	94.1	91.6	96.0	93.1	121.1	86.0
Rural .....	103.8	102.5	103.9	109.3	219.3	101.0
EAST SOUTH CENTRAL .....	101.9	101.9	103.5	94.5	139.2	98.4
Urban .....	94.5	94.9	97.9	88.5	123.2	87.9
Rural .....	103.7	103.4	104.5	110.1	179.2	101.1
WEST SOUTH CENTRAL .....	107.2	106.7	108.2	105.1	138.8	100.4
Urban .....	101.2	96.5	104.2	95.1	124.9	99.6
Rural .....	109.0	108.8	109.2	112.1	148.8	103.3
MOUNTAIN .....	127.9	128.0	119.8	112.6	189.6	121.3
Urban .....	115.3	111.7	110.3	99.0	141.0	105.2
Rural .....	137.9	138.9	129.9	128.2	233.7	177.1
PACIFIC .....	129.5	128.2	117.4	106.8	181.9	130.4
Urban .....	120.2	118.0	111.2	99.2	155.8	110.3
Rural .....	143.0	137.9	124.9	120.4	236.6	190.1

# CLASSIFICATION OF POPULATION BY SEX.

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## MALES AND FEMALES IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

Table 28 DIVISION AND CLASS OF COMMUNITY.	TOTAL POPULATION.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
	1910		1900		Native percentage.		Foreign or mixed percentage.		Male.	Female.	Male.	Female.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
<b>United States.....</b>	<b>47,332,277</b>	<b>44,439,989</b>	<b>38,816,448</b>	<b>37,178,127</b>	<b>33,229,218</b>	<b>34,259,357</b>	<b>9,425,239</b>	<b>9,472,998</b>	<b>7,523,788</b>	<b>5,321,757</b>	<b>4,885,881</b>	<b>4,941,882</b>
Urban.....	21,886,131	21,157,203	18,298,189	16,498,936	18,312,583	18,965,019	5,243,416	5,243,416	4,400,227	3,173,484	3,173,484	3,173,484
Rural.....	25,536,086	23,512,787	20,518,259	21,679,131	16,333,665	15,303,268	4,243,755	4,127,182	2,289,146	1,421,630	3,666,397	3,542,137
<b>NEW ENGLAND.....</b>	<b>3,265,114</b>	<b>3,287,567</b>	<b>2,763,796</b>	<b>2,828,221</b>	<b>1,293,890</b>	<b>1,319,329</b>	<b>1,005,379</b>	<b>1,047,330</b>	<b>928,337</b>	<b>886,049</b>	<b>32,783</b>	<b>33,523</b>
Urban.....	2,096,799	2,736,546	2,186,301	2,283,878	902,295	945,189	906,577	956,016	850,950	825,540	29,696	31,181
Rural.....	958,315	929,021	577,495	544,343	391,595	374,340	95,502	91,314	77,887	60,409	3,087	2,342
<b>MIDDLE ATLANTIC.....</b>	<b>9,815,269</b>	<b>9,302,626</b>	<b>7,761,081</b>	<b>7,693,397</b>	<b>4,208,191</b>	<b>4,254,770</b>	<b>2,746,564</b>	<b>2,844,748</b>	<b>2,641,993</b>	<b>2,184,586</b>	<b>203,466</b>	<b>214,404</b>
Urban.....	6,862,582	6,460,791	4,896,332	4,898,539	3,011,585	3,049,400	2,349,400	2,349,400	2,156,963	1,822,514	161,433	177,733
Rural.....	2,950,684	2,841,835	2,774,749	2,694,840	1,896,747	1,848,751	804,164	841,767	484,630	292,072	42,013	36,611
<b>EAST NORTH CENTRAL.....</b>	<b>9,392,839</b>	<b>8,857,782</b>	<b>8,177,308</b>	<b>7,808,273</b>	<b>4,945,547</b>	<b>4,896,421</b>	<b>2,536,599</b>	<b>2,571,835</b>	<b>1,741,015</b>	<b>1,326,205</b>	<b>156,431</b>	<b>144,405</b>
Urban.....	4,855,039	4,732,232	3,094,539	3,615,436	2,000,500	2,014,169	1,534,565	1,645,127	1,227,819	961,472	117,883	112,659
Rural.....	4,507,890	4,125,550	4,572,769	4,192,837	2,945,047	2,792,232	1,062,034	928,708	513,196	364,733	38,548	31,746
<b>WEST NORTH CENTRAL.....</b>	<b>6,092,855</b>	<b>5,545,090</b>	<b>5,412,014</b>	<b>4,935,409</b>	<b>3,546,357</b>	<b>3,158,320</b>	<b>1,633,700</b>	<b>1,580,943</b>	<b>944,767</b>	<b>668,664</b>	<b>128,864</b>	<b>116,798</b>
Urban.....	1,979,084	1,894,632	1,653,480	1,453,054	1,094,257	980,070	525,739	564,289	362,667	209,029	83,809	80,492
Rural.....	4,113,771	3,650,458	3,918,524	3,482,355	2,452,100	2,178,250	1,107,971	1,016,653	582,100	399,635	45,055	36,306
<b>SOUTH ATLANTIC.....</b>	<b>6,134,065</b>	<b>6,060,290</b>	<b>5,220,585</b>	<b>5,200,885</b>	<b>3,708,417</b>	<b>3,632,768</b>	<b>217,288</b>	<b>222,554</b>	<b>172,872</b>	<b>117,683</b>	<b>6,029,808</b>	<b>6,082,680</b>
Urban.....	1,490,281	1,392,872	1,067,304	1,165,326	821,025	854,794	151,123	162,290	105,016	86,740	420,619	488,901
Rural.....	4,633,324	4,467,418	4,155,291	4,035,557	2,887,392	2,777,974	166,164	60,264	67,856	1,609,189	1,609,189	1,593,779
<b>EAST SOUTH CENTRAL.....</b>	<b>4,245,169</b>	<b>4,164,732</b>	<b>3,809,660</b>	<b>3,738,091</b>	<b>2,772,592</b>	<b>2,679,900</b>	<b>104,468</b>	<b>110,609</b>	<b>50,542</b>	<b>36,315</b>	<b>1,315,792</b>	<b>1,336,721</b>
Urban.....	764,684	806,545	548,048	583,008	423,791	443,615	70,406	79,676	31,978	25,904	238,263	270,894
Rural.....	5,480,485	5,358,187	3,261,613	3,155,083	2,348,801	2,236,855	34,062	30,933	18,564	10,361	1,077,529	1,065,827
<b>WEST SOUTH CENTRAL.....</b>	<b>4,544,905</b>	<b>4,240,029</b>	<b>3,372,256</b>	<b>3,160,034</b>	<b>2,997,129</b>	<b>2,790,320</b>	<b>316,216</b>	<b>295,067</b>	<b>202,742</b>	<b>146,017</b>	<b>994,025</b>	<b>990,401</b>
Urban.....	984,724	972,732	710,987	638,110	382,979	359,617	115,105	121,124	75,964	60,844	207,124	228,714
Rural.....	3,559,781	3,267,297	2,661,269	2,621,924	2,414,150	2,210,603	195,011	173,943	126,778	85,173	789,901	761,687
<b>MOUNTAIN.....</b>	<b>1,478,018</b>	<b>1,155,499</b>	<b>940,038</b>	<b>734,619</b>	<b>799,320</b>	<b>667,294</b>	<b>236,796</b>	<b>290,125</b>	<b>286,022</b>	<b>158,588</b>	<b>11,766</b>	<b>9,701</b>
Urban.....	503,331	444,180	285,668	255,665	257,949	233,580	129,303	129,826	104,120	71,911	7,918	7,528
Rural.....	974,687	711,319	654,370	478,924	541,381	434,114	197,491	160,299	184,002	78,877	3,848	2,173
<b>PACIFIC.....</b>	<b>2,365,996</b>	<b>1,826,998</b>	<b>1,357,994</b>	<b>1,058,998</b>	<b>1,138,765</b>	<b>970,905</b>	<b>544,168</b>	<b>509,487</b>	<b>555,898</b>	<b>305,550</b>	<b>15,946</b>	<b>13,249</b>
Urban.....	1,390,657	1,081,672	667,420	514,936	588,313	529,278	322,852	325,996	321,865	206,623	12,779	11,583
Rural.....	1,065,249	744,726	780,274	544,062	550,452	497,727	221,316	183,891	234,033	98,927	3,167	1,666

The proportion of males is lower in urban than in rural communities not only for the total population, but also for each of the principal color or race, nativity, and parentage groups. Thus in 1910 in the native white population of native parentage there were 99.3 males to 100 females in urban communities as compared with 106.7 in rural. For the native whites of foreign or mixed parentage the ratios were, respectively, 94.6 to 100 for urban and 109.5 to 100 for rural communities. A still greater disparity appeared in the case of the foreign-born whites, there being 118.9 males to 100 females (itself a high ratio) in this class in urban communities and 161.1 in rural communities. For negroes the corresponding ratios were 90.8 and 102.1 to 100.

Especially striking are the very high ratios of males to females among the foreign-born whites in the rural population of the South Atlantic, Mountain, and Pacific divisions. The total number of foreign-born whites in the rural districts of these divisions, however, is comparatively small.

In the three southern divisions, where negroes are the most numerous, there was only a slight excess of males among the negroes in the rural population. The ratio of males to females among negroes in the urban communities of the South, however, was particularly low, ranging in 1910 from 86 males to 100 females in the South Atlantic division to 90.6 in the West South Central.

### PRINCIPAL CITIES.

Table 29 classifies by sex the total population and the principal color or race, nativity, and parentage classes in each of the 50 principal cities in 1910, and Table 31 shows the corresponding ratios of males to females. The total number of persons of each sex in cities of 25,000 to 100,000 inhabitants is shown in Table 30.

In 28 of the 50 cities of over 100,000 inhabitants the males outnumbered the females in 1910. In 39 of the cities the proportion of males was greater in 1910 than it was in 1900, and in 11 it was less. The number of males to 100 females in 1910 was greatest in Seattle (136.2) and only slightly less in Portland, Ore. (134.5). Nashville showed the smallest proportion of males, or 89.6 males to 100 females.

Of the eight cities of 50,000 inhabitants or more, Baltimore had the lowest number of males to 100 females (92.4) in 1910 and Cleveland the highest (106.6). The population of New York City was almost evenly divided by sex; in Philadelphia the females outnumbered the males; and in Chicago the males outnumbered the females.

Among the negro population in 1910 the females outnumbered the males in 28 of the cities, the proportion of males being very low in the southern cities generally.



CLASSIFICATION OF POPULATION BY SEX.

MALES AND FEMALES IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

Table 30—Contd.	CITY.	Male.	Female.	Males to 100 females.	CITY.	Male.	Female.	Males to 100 females.
<b>Georgia</b>				<b>New Jersey—Continued.</b>				
Augusta.....	19,237	21,803	88.2	Perth Amboy.....	17,359	14,702	117.6	
Macon.....	19,513	21,152	92.3	Trenton.....	50,231	46,594	107.8	
Savannah.....	31,081	33,983	91.5	West Hoboken town.....	17,638	17,745	99.5	
<b>Illinois</b>				<b>New York</b>				
Aurora.....	15,118	14,689	102.9	Amsterdam.....	15,279	15,988	95.6	
Bloomington.....	12,321	13,147	91.6	Albany.....	17,057	17,081	103.0	
Danville.....	17,721	14,150	97.0	Binghamton.....	23,105	25,338	91.2	
Decatur.....	15,443	15,697	98.4	Elmira.....	18,533	18,623	99.6	
East St. Louis.....	32,363	26,184	123.6	Hamilton.....	15,659	15,647	100.0	
Highland.....	12,607	13,882	87.2	Kingston.....	24,628	24,668	99.8	
Joliet.....	18,417	16,253	113.3	Mount Vernon.....	14,844	10,075	92.3	
Peoria.....	34,302	32,588	105.4	New Rochelle.....	14,689	14,181	103.6	
Quincy.....	17,879	18,708	95.6	Newburgh.....	15,435	14,070	93.5	
Rockford.....	23,302	22,099	105.4	Oneonta.....	16,086	14,359	112.0	
Springfield.....	25,488	26,190	97.3	Poughkeepsie.....	15,578	14,538	91.9	
<b>Indiana</b>				<b>Ohio</b>				
Evansville.....	34,429	35,218	97.8	Schaeffelsburg.....	38,821	34,005	114.2	
Fort Wayne.....	31,433	32,500	96.7	Troy.....	35,387	41,426	85.4	
South Bend.....	27,631	26,653	106.1	Union.....	36,967	38,022	95.6	
Terre Haute.....	26,287	28,870	104.4	Waletown.....	13,066	11,664	96.6	
<b>Iowa</b>				<b>North Carolina</b>				
Cedar Rapids.....	16,300	16,511	98.7	Charlotte.....	16,275	17,739	91.7	
Clinton.....	15,067	15,310	98.5	Wilmington.....	12,282	12,466	91.2	
Council Bluffs.....	12,154	14,138	107.2	<b>Ohio</b>				
Davenport.....	21,530	21,498	104.1	Akron.....	36,694	32,463	112.8	
Des Moines.....	48,135	43,233	99.8	Canton.....	26,116	24,107	108.3	
Dubuque.....	18,977	19,317	97.2	Hamilton.....	17,825	17,454	102.1	
Sioux City.....	25,718	22,110	116.3	Lima.....	15,213	15,295	99.5	
Waterloo.....	13,775	12,918	106.6	Lorain.....	16,261	12,622	129.3	
<b>Kansas</b>				<b>Oldaboma</b>				
Kansas City.....	42,773	39,558	108.1	Muskogee.....	13,398	11,880	112.8	
Topeka.....	21,710	21,974	98.8	Oklahoma City.....	35,742	28,463	125.6	
Wichita.....	20,964	25,496	103.8	<b>Pennsylvania</b>				
<b>Kentucky</b>				<b>Allenstown.....</b>				
Covington.....	25,628	27,642	92.7	Albion.....	26,134	25,993	100.5	
Lexington.....	10,829	18,270	92.1	Chester.....	19,765	18,799	105.2	
Newport.....	14,674	15,635	93.9	Easton.....	13,823	14,700	94.0	
<b>Louisiana</b>				<b> Erie.....</b>				
Shreveport.....	13,760	14,255	96.5	Harrisburg.....	33,515	33,010	101.5	
<b>Maine</b>				<b>Hazleton.....</b>				
Lewiston.....	12,529	13,718	91.3	Johnstown.....	12,695	12,757	99.5	
Portland.....	27,956	30,615	91.3	Leicester.....	30,940	24,942	123.1	
<b>Massachusetts</b>				<b>Lebanon.....</b>				
Brockton.....	28,203	28,583	99.0	Lockport.....	22,098	22,099	100.0	
Brookline town.....	11,038	16,754	65.9	New Castle.....	19,134	20,134	111.5	
Cape Cod.....	16,039	15,743	102.1	New City.....	17,466	16,116	108.3	
Chicopee.....	12,736	12,665	100.6	Scranton borough.....	18,258	16,617	97.7	
Everett.....	16,313	17,171	95.0	Reading.....	47,576	48,495	98.1	
Fitchburg.....	18,962	19,862	95.4	Scranton borough.....	11,839	11,839	100.0	
Haverhill.....	21,607	22,508	96.0	Wilkes-Barre.....	33,559	33,246	101.8	
Holyoke.....	27,671	30,059	92.1	Williamsport.....	14,832	16,428	89.8	
Lawrence.....	49,538	45,034	99.6	York.....	21,869	22,881	95.6	
Lynn.....	44,385	44,751	99.6	<b>Rhode Island</b>				
Malden.....	20,927	23,477	89.1	Newport.....	14,784	12,365	119.6	
New Bedford.....	47,931	48,921	97.6	Pawtucket.....	25,351	25,271	96.5	
Newton.....	17,801	22,005	80.9	Warwick town.....	15,182	13,447	98.0	
Pittsfield.....	16,130	15,991	100.9	Woonsocket.....	18,732	19,393	96.6	
Quincy.....	16,474	16,188	101.6	<b>South Carolina</b>				
Salem.....	21,241	22,406	95.0	Charleston.....	27,334	31,499	86.8	
Somerville.....	36,628	40,608	90.2	Columbia.....	12,616	13,703	92.1	
Springfield.....	43,221	45,743	94.6	<b>Tennessee</b>				
Taunton.....	16,722	17,337	93.4	Chattanooga.....	22,429	22,175	101.1	
Waltham.....	12,949	14,885	87.0	Knoxville.....	17,621	18,725	94.1	
<b>Michigan</b>				<b>Texas</b>				
Battle Creek.....	12,374	12,893	96.0	Austin.....	14,300	15,470	93.0	
Bay City.....	22,905	22,661	99.3	Dallas.....	49,659	45,605	102.0	
Flint.....	21,779	16,771	129.9	El Paso.....	19,726	19,533	100.9	
Ipsack.....	15,854	15,779	101.8	Fort Worth.....	29,907	24,808	113.7	
Kalamazoo.....	19,197	20,240	94.8	Galveston.....	19,126	17,595	110.2	
Lansing.....	16,801	14,428	116.4	Houston.....	40,128	38,674	103.6	
Saginaw.....	24,850	25,660	96.8	San Antonio.....	47,865	48,749	88.2	
Duluth.....	44,866	33,600	133.5	Waco.....	12,861	13,564	94.8	
<b>Minnesota</b>				<b>Utah</b>				
Joplin.....	16,231	15,842	102.5	Ogden.....	13,334	12,248	108.9	
St. Joseph.....	39,665	37,738	105.1	Salt Lake City.....	47,083	45,194	103.3	
Springfield.....	17,401	17,800	97.8	<b>Virginia</b>				
<b>Montana</b>				<b>Lynchburg.....</b>				
Butte.....	22,314	16,851	132.4	Norfolk.....	13,775	15,719	87.6	
<b>Nebraska</b>				<b>Portsmouth.....</b>				
Lincoln.....	21,870	22,103	98.9	Roseton.....	17,609	15,981	113.0	
South Omaha.....	14,361	11,698	124.5	Ronoke.....	17,514	17,360	100.9	
<b>New Hampshire</b>				<b>Washington</b>				
Manchester.....	34,148	35,015	95.1	Tacoma.....	47,488	36,255	131.0	
Naahua.....	13,016	12,989	100.2	<b>West Virginia</b>				
<b>New Jersey</b>				<b>Huntington.....</b>				
Atlantic City.....	22,997	23,183	99.3	Wheeling.....	20,383	21,058	97.7	
Bayonne.....	35,327	29,018	113.3	<b>Wisconsin</b>				
Camden.....	47,396	47,142	100.5	Green Bay.....	12,233	12,983	94.4	
East Orange.....	15,257	19,084	80.1	La Crosse.....	12,469	15,768	92.9	
Elizabeth.....	37,971	35,438	107.3	Madison.....	14,283	13,248	107.9	
Hoboken.....	36,075	33,649	109.0	Oshkosh.....	16,196	15,856	96.0	
Orange.....	14,466	15,164	95.4	Racine.....	20,031	17,971	111.5	
Parsippany.....	26,549	29,224	91.1	Sheboygan.....	13,711	12,657	108.1	
				<b>Superior.....</b>				
				29,415				

## MALES TO 100 FEMALES IN THE POPULATION OF CITIES OF 100,000 INHABITANTS OR MORE: 1910.

CITY.	TOTAL POPULATION.		NATIVE WHITE: 1910		Foreign-born white: 1910	Negro: 1910	CITY.	TOTAL POPULATION.		NATIVE WHITE: 1910		Foreign-born white: 1910	Negro: 1910
	1910	1900	Native parent-age	Foreign or mixed parent-age				1910	1900	Native parent-age	Foreign or mixed parent-age		
Albany, N. Y.	92.9	91.7	93.3	89.4	89.9	82.0	New Haven, Conn.	99.7	96.4	94.8	94.3	111.4	97.5
Atlanta, Ga.	92.7	85.3	97.8	91.0	150.4	91.0	New Orleans, La.	92.5	90.1	97.6	86.4	114.7	84.7
Baltimore, Md.	92.4	91.6	92.6	91.6	100.6	85.5	New York, N. Y.	99.9	96.5	98.0	95.8	105.1	85.0
Birmingham, Ala.	102.8	104.5	105.3	101.3	145.8	96.5	Manhattan Borough.	100.2	88.9	82.1	99.3	105.6	89.2
Boston, Mass.	96.7	96.1	97.1	97.1	95.8	96.6	Bronx Borough.	101.6	103.0	100.6	96.9	109.8	86.6
Bridgewater, Conn.	106.1	99.3	102.2	95.2	122.3	97.3	Brooklyn Borough.	98.2	96.8	95.1	84.6	106.0	82.8
Buffalo, N. Y.	100.6	96.8	104.2	93.5	112.8	111.1	Queens Borough.	103.1	102.8	100.6	97.9	116.1	91.9
Cambridge, Mass.	91.7	93.8	88.8	94.8	90.2	89.8	Richmond Borough.	108.8	106.6	106.5	101.8	122.6	82.1
Chicago, Ill.	106.3	103.4	103.8	95.8	121.1	105.9	Newark, N. J.	99.6	96.8	96.1	91.1	110.6	86.6
Cincinnati, Ohio.	95.4	93.1	97.9	97.5	105.9	101.8	Oakland, Cal.	108.7	96.7	99.9	91.8	130.6	112.0
Cleveland, Ohio.	106.6	101.8	101.6	95.6	124.6	105.7	Omaha, Neb.	109.3	111.6	108.8	98.8	125.8	116.2
Columbus, Ohio.	101.5	101.7	99.7	90.5	135.6	113.9	Paterson, N. J.	98.9	97.4	94.2	94.7	107.0	85.6
Dayton, Ohio.	101.9	97.6	99.9	89.1	144.0	104.6	Philadelphia, Pa.	96.4	96.2	95.1	94.4	102.9	87.6
Denver, Colo.	101.3	96.0	101.2	93.3	115.8	95.6	Pittsburgh, Pa.	105.1	106.9	100.9	95.1	128.7	108.8
Detroit, Mich.	106.6	98.1	105.4	95.4	122.9	109.3	Portland, Oreg.	134.5	142.4	123.7	105.0	172.7	139.1
Fall River, Mass.	93.4	92.0	92.9	94.6	92.1	96.1	Providence, R. I.	96.7	94.0	93.2	93.2	103.3	94.1
Grand Rapids, Mich.	97.4	94.2	95.9	87.6	116.4	109.1	Richmond, Va.	91.3	88.5	93.6	93.5	127.2	85.0
Indianapolis, Ind.	98.7	97.5	97.2	96.5	134.4	98.1	Rochester, N. Y.	98.7	94.1	97.4	91.0	115.6	96.2
Jersey City, N. J.	106.5	101.6	102.7	97.6	139.5	102.7	St. Louis, Mo.	101.5	100.4	99.9	91.5	126.9	101.7
Kansas City, Mo.	103.6	102.1	102.6	94.2	132.3	101.7	St. Paul, Minn.	108.6	107.3	111.9	96.1	126.2	133.5
Los Angeles, Cal.	103.9	97.2	96.8	90.2	121.8	94.0	San Francisco, Cal.	131.6	117.1	126.9	101.1	162.4	116.1
Louisville, Ky.	94.1	94.6	96.2	87.0	105.5	93.7	Scranton, Pa.	102.0	100.8	96.7	92.0	127.2	116.4
Lowell, Mass.	94.1	89.9	88.3	93.0	97.3	(7)	Seattle, Wash.	136.2	126.7	136.1	104.1	179.6	154.5
Memphis, Tenn.	102.2	104.5	108.5	94.7	147.4	92.9	Spokane, Wash.	122.7	135.0	115.3	104.5	171.5	117.8
Milwaukee, Wis.	102.8	97.1	98.0	91.8	128.0	95.2	Syracuse, N. Y.	106.5	94.1	98.3	90.3	123.2	106.2
Minneapolis, Minn.	109.2	103.5	111.4	92.6	132.8	137.1	Tulledo, Ohio.	101.1	96.1	99.0	94.3	133.2	99.7
Nashville, Tenn.	89.6	90.2	95.2	85.1	111.1	80.0	Washington, D. C.	91.3	90.0	93.4	94.9	113.0	84.2
							Worcester, Mass.	101.2	99.6	95.0	94.7	115.1	81.9

<sup>1</sup> Ratio not shown, the number of females being less than 100.

<sup>2</sup> Includes population of Allegheny for 1900.

## POPULATION 21 YEARS OF AGE AND OVER.

## ALL PERSONS 21 YEARS OF AGE AND OVER.

**General summary: 1910.**—Persons 21 years of age and over have certain special legal rights with reference to property, the elective franchise, and other matters. This class of the population is further significant from the social and economic standpoint, in that it includes the great majority of breadwinners and also the great majority of married men and women. From the political standpoint particular interest attaches to statistics regarding males 21 years of age and over, although in several states women of that age also now have the right to vote at all elections.

For the United States, exclusive of Alaska, Hawaii, Porto Rico, and other outlying possessions, the total population 21 years of age and over in 1910 was 51,554,905, representing 56.1 per cent of the total population of all ages.

This total includes 26,999,151 males and 24,555,754 females, the number of males being 10 per cent greater than the number of females. Table 32, showing the number of each sex in 1910 for each of the principal classes of population, discloses an excess of males in each specified class except that made up of native whites of foreign or mixed parentage. Of a total excess of males amounting to 2,443,397, the foreign-born whites contributed 1,639,709.

As regards color or race, nativity, and parentage, the composition of the female population 21 years of age and over differs from that of the male in having smaller percentages of foreign-born whites, Chinese, and

Japanese, and larger percentages of the other race and nativity classes, these differences being attributable mainly to the fact, previously noted, that immigrants include many more males than females. Thus 20.4 per cent of the adult female population in 1910 were foreign-born whites, as compared with 24.6 per cent of the male, while 69.4 per cent of the former and 65.6 per cent of the latter were native whites and 9.9 and 9.1 per cent, respectively, were negroes.

Table 32

CLASS OF POPULATION.	MALES 21 YEARS OF AGE AND OVER.		FEMALES 21 YEARS OF AGE AND OVER.		Males to 100 females.
	Number.	Percent of total.	Number.	Percent of total.	
Total.	26,999,151	100.0	24,555,754	100.0	100.0
Native white—Native parentage	13,211,731	48.9	12,484,481	50.8	105.8
Native white—Foreign or mixed parentage	4,498,966	16.7	4,567,047	18.6	98.5
Foreign-born white.	5,648,817	24.6	5,007,108	20.4	132.7
Negro.	2,458,873	9.1	2,427,742	9.9	101.5
Indian.	62,897	0.2	69,169	0.2	104.7
Chinese, Japanese, and all other.	119,770	0.4	8,607	(1)	1,391.9

<sup>1</sup> Less than one-tenth of 1 per cent.

**Sex ratios, by divisions and states.**—Table 33 gives, for 1910 and 1900, the total number of each sex, and also the number of males to 100 females, in the population 21 years of age and over, by geographic divisions and states.

Considered by geographic divisions, the number of men to 100 women in 1910 ranged from 98.8 in New England—the only division in which women outnumbered men—to 144.9 in the Pacific division and 148.6

in the Mountain division. The ratios for the divisions last named were exceptionally high, the highest ratio elsewhere being 116.2 to 100 for the West North Central division.

**Table 33** POPULATION 21 YEARS OF AGE AND OVER.

DIVISION AND STATE.	1910		Males to 100 females.	1900		Males to 100 females.
	Male.	Female.		Male.	Female.	
<b>United States.....</b>	<b>26,999,151</b>	<b>24,545,755</b>	<b>110.0</b>	<b>21,134,299</b>	<b>19,647,708</b>	<b>107.6</b>
<b>GEOGRAPHIC DIVISIONS:</b>						
New England.....	2,019,996	2,043,998	98.8	1,707,953	1,762,289	96.9
Middle Atlantic.....	3,930,301	5,008,188	105.6	4,537,812	4,465,941	102.1
East North Central.....	3,064,300	5,133,689	109.4	4,638,078	3,972,362	107.3
West North Central.....	3,493,637	3,605,776	116.2	2,921,551	2,501,239	116.8
South Atlantic.....	3,071,428	3,607,118	102.1	2,496,783	2,499,998	99.9
East South Central.....	2,097,629	2,190,219	104.4	1,842,442	1,862,345	105.4
West South Central.....	2,261,396	1,987,769	113.8	1,584,099	1,397,960	113.3
Mountain.....	913,538	614,736	148.6	563,499	372,124	151.4
Pacific.....	1,618,879	1,117,436	144.9	1,184,100	601,033	147.1
<b>NEW ENGLAND:</b>						
Maine.....	235,727	225,736	104.4	217,663	211,960	102.7
New Hampshire.....	136,668	135,372	101.0	130,987	131,475	99.6
Vermont.....	113,906	116,883	102.6	108,358	103,819	104.4
Massachusetts.....	1,021,699	1,074,836	105.1	914,465	900,314	103.5
Rhode Island.....	163,834	166,391	98.5	127,144	133,314	95.4
Connecticut.....	347,692	335,131	103.7	296,340	279,187	106.4
<b>MIDDLE ATLANTIC:</b>						
New York.....	2,836,773	2,737,521	102.9	2,184,965	2,193,675	99.6
New Jersey.....	774,702	790,059	104.5	653,668	648,902	101.3
Pennsylvania.....	2,309,022	2,114,008	109.2	1,817,239	1,728,574	105.4
<b>EAST NORTH CENTRAL:</b>						
Ohio.....	1,484,265	1,398,341	106.1	1,212,223	1,175,167	103.2
Indiana.....	822,434	770,588	106.7	720,200	677,572	106.3
Illinois.....	1,743,182	1,967,491	112.9	1,401,450	1,299,144	109.5
Michigan.....	879,876	876,033	101.8	719,478	680,671	110.6
Wisconsin.....	683,743	611,157	111.9	570,175	510,908	111.7
<b>WEST NORTH CENTRAL:</b>						
Minnesota.....	642,619	512,411	125.4	506,794	403,320	125.7
Iowa.....	663,672	665,644	109.9	635,298	565,283	112.4
Missouri.....	973,062	898,153	108.3	828,217	727,818	113.8
North Dakota.....	122,406	122,406	100.0	95,787	83,357	103.3
South Dakota.....	178,139	134,182	132.8	112,681	86,507	130.3
Nebraska.....	353,626	438,910	118.7	300,752	304,381	99.3
Montana.....	368,292	438,944	119.9	413,796	337,027	115.9
<b>SOUTH ATLANTIC:</b>						
Delaware.....	61,887	58,427	105.9	54,018	51,286	105.3
Maryland.....	367,908	320,408	114.8	321,908	325,331	98.9
District of Columbia.....	103,774	116,148	89.3	83,823	94,454	88.7
Virginia.....	523,532	518,473	101.0	447,815	452,543	99.0
West Virginia.....	358,349	284,909	125.8	247,970	218,804	113.3
North Carolina.....	809,134	519,475	97.4	417,578	438,694	95.2
South Carolina.....	335,046	348,958	97.4	283,325	292,567	96.5
Georgia.....	629,616	615,149	101.2	500,752	504,381	99.3
Florida.....	214,136	178,685	119.9	139,601	118,648	117.7
<b>EAST SOUTH CENTRAL:</b>						
Kentucky.....	603,454	579,756	104.1	543,996	520,921	104.4
Tennessee.....	552,668	520,408	106.2	487,380	477,802	102.0
Alabama.....	513,111	501,959	102.2	413,862	414,313	99.9
Mississippi.....	429,933	412,941	104.4	349,177	339,615	102.8
<b>WEST SOUTH CENTRAL:</b>						
Arkansas.....	395,824	331,994	119.5	313,836	278,512	112.7
Louisiana.....	414,919	395,354	104.9	325,943	318,669	102.5
Oklahoma.....	417,367	335,194	126.6	306,532	198,543	154.3
Texas.....	1,003,337	884,218	113.5	737,708	647,866	114.8
<b>MOUNTAIN:</b>						
Montana.....	155,017	81,741	189.6	101,931	48,548	210.0
Idaho.....	119,868	69,818	173.8	53,932	31,216	172.2
Wyoming.....	63,201	28,848	219.1	37,898	16,649	228.1
Colorado.....	271,601	213,425	127.3	185,708	136,462	136.1
New Mexico.....	94,055	73,152	128.4	55,007	43,304	127.2
Arizona.....	74,631	45,801	163.7	44,681	25,197	174.9
Utah.....	104,113	85,829	121.4	67,172	61,212	109.7
Nevada.....	49,026	18,140	270.7	17,710	9,472	187.0
<b>PACIFIC:</b>						
Washington.....	441,294	227,177	195.9	195,572	111,943	176.1
Oregon.....	237,188	108,323	152.8	144,446	95,062	151.9
California.....	929,397	671,860	138.1	544,687	394,948	137.8

<sup>1</sup> Includes population of Indian Territory for 1900.

Massachusetts, Rhode Island, Maryland, North Carolina, and South Carolina were the only states in 1910 in which women outnumbered men. The District of Columbia, however, showed a larger proportion of women than any of the states.

There were two states, Nevada and Wyoming, in which men outnumbered women by more than 2 to 1

and five other states in which there were more than 150 men to every 100 women. These states are all in the Mountain and Pacific divisions.

In a majority of the states, as indicated by the sex ratios, as well as in the United States as a whole, the number of men increased between 1900 and 1910 faster than the number of women. For the United States the number of men to every 100 women increased from 107.6 in 1900 to 110 in 1910. The states in which the ratio increased include all those east of the Mississippi River except Kentucky and Tennessee, but only six states west of that river.

**MALES 21 YEARS OF AGE AND OVER.**

United States as a whole.—Table 34 shows, for 1910 and 1900, the number of males 21 years of age and over by color or race, nativity, and parentage groups, in comparison with the corresponding groups of the total population.

**Table 34** MALES 21 YEARS OF AGE AND OVER.

CLASS OF POPULATION.	MALES 21 YEARS OF AGE AND OVER.					
	TOTAL POPULATION.		Number.		Per cent of total population.	
	1910	1900	1910	1900	1910	1900
<b>Total.....</b>	<b>91,972,268</b>	<b>75,994,575</b>	<b>26,999,151</b>	<b>21,134,299</b>	<b>29.4</b>	<b>27.8</b>
White.....	81,731,957	66,809,196	24,357,514	18,916,067	29.4	28.3
Negro.....	8,535,994	9,507,703	2,458,872	2,040,392	28.6	23.3
Indian.....	265,683	237,198	62,967	57,077	23.7	24.1
Chinese.....	71,531	89,883	60,421	81,018	84.5	90.2
Japanese.....	72,157	72,157	86,538	17,395	78.5	70.7
All other.....	1,175	2,738	2,738	2,738	86.2	86.2
<b>Native white.....</b>	<b>68,386,412</b>	<b>56,595,379</b>	<b>17,710,697</b>	<b>14,014,427</b>	<b>25.9</b>	<b>24.8</b>
Native parentage.....	49,488,575	49,949,362	13,211,731	10,509,743	26.7	25.8
Foreign parentage.....	12,916,311	10,652,298	3,215,062	2,533,754	29.4	23.8
Mixed parentage.....	5,981,326	1,283,884	969,933	215	18.1	18.1
Foreign-born white.....	13,345,545	10,213,817	6,646,817	4,904,270	49.8	48.0

In 1910 there were in the United States 26,999,151 men 21 years of age and over, constituting 29.4 per cent of the total population, as compared with 21,134,299, constituting 27.8 per cent of the population, in 1900. Men of 21 and over formed 57 per cent of the total male population in 1910 and 54.4 per cent in 1900.

It should not be assumed that these statistics show the number of men having the right to vote. Aside from the fact that the totals given include unnaturalized persons of foreign birth, there are in some of the states restrictions, chiefly based on property and education, which further limit the number of men 21 years of age and over who can vote.

In 1910 men of 21 and over constituted 29.8 per cent of the white population, as compared with 25 per cent of the negro. This difference is mainly due to the fact that many of the whites are foreign born, and the foreign born consist more largely of adults and of males than the natives. Nearly one-half (49.8 per cent) of the foreign-born white population in 1910 consisted of men 21 years of age and over, while of the native white population hardly more than one-fourth (25.9 per cent) were men of that age.

In each of the color or race, nativity, and parentage groups shown in Table 34 (except the relatively unimportant groups of Indians and Chinese) males of 21 and over constituted a larger proportion of the population in 1910 than in 1900. In the case of the foreign-born whites this change indicates a larger proportion of males among the immigrants than formerly. In the other classes it reflects a change in the age distribution of the population, the exact nature and cause of which can only be determined by a detailed study of the age statistics.

Table 35 shows the number of males 21 years of age and over in specified classes of the population in 1910 and 1900, with the citizenship of foreign-born whites, and the increase during the decade.

Table 35

CLASS OF POPULATION AND CITIZENSHIP.	MALES 21 YEARS OF AGE AND OVER.					
	1910	1900	Increase 1900-1910		Per cent of total.	
			Number.	Per cent.	1910	1900
<b>Total</b> .....	26,999,151	21,134,299	5,864,852	27.8	100.0	100.0
White.....	24,357,514	18,918,667	5,438,847	28.7	90.2	89.5
Negro.....	2,458,372	2,000,202	398,170	16.3	5.1	5.7
Indian.....	62,907	57,077	5,830	10.3	0.2	0.3
Chinese.....	69,421	81,018	-20,597	-25.4	0.2	0.4
Japanese.....	56,838	17,265	39,573	229.2	0.2	0.1
All other.....	2,738	2,738	.....	(?)	.....	.....
Foreign-born white.....	17,710,697	14,014,427	3,696,270	26.4	65.6	66.3
Native parentage.....	13,211,731	10,569,743	2,641,988	25.0	48.9	50.0
Foreign parentage.....	3,215,082	2,535,711	679,371	26.8	11.9	12.0
Mixed parentage.....	1,283,884	908,683	375,201	41.3	4.8	4.5
Foreign-born white.....	6,646,817	4,904,570	1,742,247	35.5	24.6	23.2
Naturalized.....	3,024,117	2,845,473	188,644	6.6	11.2	13.5
Having first papers.....	370,772	411,828	-41,056	-10.0	2.1	1.9
Alien.....	2,266,535	914,917	1,351,618	147.7	8.4	4.3
Citizenship not reported.....	775,393	731,962	43,431	5.9	2.9	3.5

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Less than one-tenth of 1 per cent.

The number of males 21 and over increased 5,864,852, or 27.8 per cent, between 1900 and 1910. This is a much higher rate of increase than that in the total population, which was 21 per cent. Chiefly on account of the marked predominance of adult males among the foreign-born whites, the distribution of the total number of men of 21 and over among the several color or race, nativity, and parentage groups, as shown in the above table, differs considerably from the distribution of the total population among those groups, as shown in a preceding table (Table 1). Practically one-fourth (24.6 per cent) of the male population 21 years of age and over in 1910 were foreign-born whites, as compared with 14.5 per cent of the total population. Native whites of native parentage constituted 48.9 per cent of the total adult male population and 53.8 per cent of the total population. The corresponding percentages for native whites of foreign or mixed parentage were 16.7 and 20.5, respectively. The percentage of negroes in the male population of 21 and over was 9.1, as compared with 10.7 in the total population. The proportion of

foreign-born whites in the whole number of males 21 years of age and over was higher in 1910 than in 1900, while that of the two principal native white groups and of all colored races except the Japanese was lower.

Of the 6,646,817 foreign-born whites in 1910, 3,034,117, or 45.6 per cent, were returned as naturalized; in 1900 the percentage naturalized was 58. The naturalized foreign-born whites in 1910 constituted 11.2 per cent of the total male population 21 years of age and over. Those reported as aliens in 1910 numbered 2,266,535, or considerably more than twice the number so reported in 1900. It is probable that most of the considerable number of foreign-born whites whose condition as to citizenship was not reported were also aliens. The increase in the proportion of aliens reflects the fact that a larger proportion of the foreign-born whites in 1910 were recent arrivals than was the case in 1900.

**Divisions and states.**—Statistics regarding males 21 years of age and over, by divisions and states, are presented in Table 36 on a subsequent page. The relative importance of the principal color or race, nativity, and parentage classes in the adult male population is graphically shown in the diagram on the opposite page.

Marked differences appear among the divisions and states with respect to the proportion which men of 21 and over form of the total population. These differences are due to differences in the ratio of males to females (compare Tables 23, 25, and 26) or to differences in the age distribution of the population, or to both causes combined. States which receive large accessions to their population, either from foreign countries or from other parts of the United States, have in general a materially larger proportion of men of 21 and over in their population than the other states. Among the geographic divisions, the Pacific and the Mountain divisions showed the highest proportions in 1910 (38.6 per cent and 34.7 per cent, respectively). Very little difference appears among the four northern divisions, in each of which the proportion was practically three-tenths, while in each of the three divisions of the South the proportion was about one-fourth. In every division, and in fact in every state except New Hampshire, Montana, and Colorado, the proportion of males 21 years of age and over was higher in 1910 than in 1900.

In the three southern divisions, where there are comparatively few foreign born, the distribution of males 21 years of age and over among the several color or race, nativity, and parentage groups is not materially different from the corresponding distribution of the total population. (Compare percentages in the last ten columns of Table 36 with percentages in Table 14.) In the North and West, however, chiefly because

of the high proportion of adult males among the foreign-born whites, the distribution of the men of 21 and over among the several classes differs materially from the distribution of the total population. In the New England and Middle Atlantic divisions native whites of native parentage constituted in 1910 not more than two-fifths of the men of 21 and over and only slightly exceeded the foreign-born whites in number. Nearly three-fifths of the total number of men 21 years of age and over in these two divisions were either born abroad or had one or both parents born abroad. In the East North Central, West North Central, Mountain, and Pacific divisions, also, less than half the males of 21 and over were native whites of native parentage.

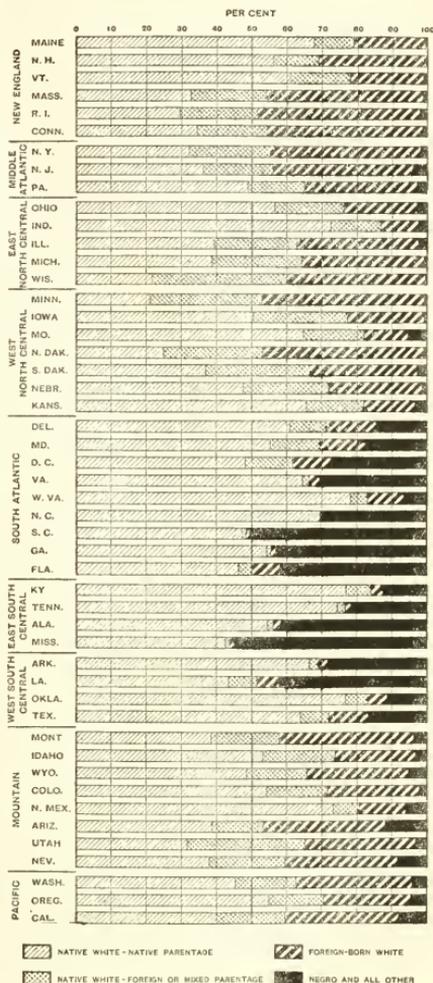
In Massachusetts, Rhode Island, New York, Wisconsin, Minnesota, North Dakota, and Utah less than one-third of the men of 21 and over in 1910 were native whites of native parentage. In each of the states just named except Utah, and also in Connecticut, New Jersey, Illinois, Michigan, Montana, Arizona, and Washington, more than one-third of the total number were foreign-born whites, the proportion in fact exceeding two-fifths in 7 out of the 13 states.

Taking the United States as a whole, the percentage of foreign-born whites in the total male population 21 years of age and over increased from 23.2 in 1900 to 24.6 in 1910. This, however, was the net result of diverse changes in different parts of the country, the changes in some sections being much more pronounced.

In all the New England and Middle Atlantic states there was an increase, and in most cases a marked increase, in the percentage of foreign-born whites in the total male population 21 years of age and over. In New York the percentage increased from 38 in 1900 to 43 in 1910; in Massachusetts, from 40.7 to 44.4; and in Pennsylvania, from 26.7 to 32.1. In three of the East North Central states—Ohio, Indiana, and Illinois—the percentage of foreign-born whites in this class of the population increased; in Michigan and Wisconsin, on the other hand, the percentage decreased. It decreased also in every West North Central state—from 58.3 to 45.8 in North Dakota, from 40.3 to 30.6 in South Dakota, and from 51.5 to 46.4 in Minnesota, the other states of the division showing less striking decreases. The percentage either remained practically stationary or decreased somewhat in every Mountain state except Arizona. In two of the Pacific states, Washington and Oregon, the percentage increased, while in California it declined slightly. In none of the Southern states were the changes in the percentage of foreign-born whites among males 21 years and

over very notable except in West Virginia, where the percentage increased from 5.2 in 1900 to 10.3 in 1910.

COLOR OR RACE, NATIVITY, AND PARENTAGE OF MALES 21 YEARS OF AGE AND OVER: 1910.



[Per cent not shown where base is less than 100.

Table 36	DIVISION AND STATE.	MALES 21 YEARS OF AGE AND OVER.																
		Total.		Increase, 1900-1910.				White.				Negro.						
		1910	1900	Per cent.		1910	1900	1910	Per cent of increase.	1910	1900	1910	Per cent of increase.	Indian: 1910	Chinese: 1910	Japanese: 1910		
				Number.	Per cent.													
1	United States.....	29,996,151	21,134,299	8,864,852	27.8	28.4	27.8	24,387,514	18,918,997	27.8	28.4	27.8	2,458,873	2,060,302	19.3	62,967	60,421	66,638
GEOGRAPHIC DIVISIONS:																		
2	New England.....	2,019,096	1,707,955	311,141	18.2	30.8	30.5	1,992,996	1,684,707	18.8	22,074	18,761	17.7	635	3,166	219		
3	Middle Atlantic.....	5,920,501	4,557,512	1,362,989	29.9	30.7	29.5	5,770,813	4,441,289	29.9	138,750	104,567	32.7	2,116	7,508	1,370		
4	East North Central.....	5,004,800	4,624,078	380,722	8.2	30.7	28.9	4,489,015	4,582,027	21.1	107,170	85,352	25.5	4,909	10,029	862		
5	West North Central.....	3,493,637	2,921,551	572,086	19.6	30.0	28.2	3,398,100	2,839,805	19.7	83,219	70,319	18.3	10,348	1,079	380		
6	South Atlantic.....	3,071,428	2,496,795	574,633	23.0	25.2	23.9	2,112,547	1,676,493	20.9	655,421	817,224	16.9	2,919	1,494	106		
7	East South Central.....	2,694,186	1,794,415	901,771	16.8	24.9	23.8	1,422,776	1,227,076	18.4	642,460	566,371	13.4	577	345	221		
8	West South Central.....	2,261,366	1,584,099	677,267	24.5	24.7	24.3	1,755,641	1,183,844	24.8	488,815	385,353	26.8	15,333	1,146	322		
9	Mountain.....	915,558	563,499	352,059	22.1	34.7	35.1	871,401	523,633	34.8	8,502	6,824	31.8	18,454	5,060	9,481		
10	Pacific.....	1,618,879	884,105	734,774	83.1	38.6	36.6	1,514,229	894,905	88.1	12,629	5,501	118.7	8,594	37,675	48,941		
NEW ENGLANDS:																		
11	Maine.....	235,727	217,663	18,064	8.3	31.8	31.3	234,855	216,856	8.3	476	445	7.0	288	101	7		
12	New Hampshire.....	136,668	130,987	5,681	4.3	31.7	31.8	136,393	130,648	4.4	270	230	13.0	11	68	1		
13	Vermont.....	115,566	108,356	7,210	6.6	31.9	31.5	112,133	105,027	6.2	975	289	297.4	9	8	1		
14	Massachusetts.....	1,021,669	843,495	178,204	21.1	30.3	30.1	1,006,431	830,609	21.2	12,591	10,456	20.4	207	2,310	124		
15	Rhode Island.....	163,814	127,144	36,670	28.9	30.2	29.7	160,412	124,001	29.4	4,967	2,765	10.9	74	284	28		
16	Connecticut.....	347,602	280,340	67,262	24.1	31.2	30.9	342,392	275,126	24.4	4,765	3,475	4.1	46	81	58		
MIDDLE ATLANTIC:																		
17	New York.....	2,836,773	2,184,965	651,808	29.8	31.1	30.1	2,783,471	2,145,057	29.3	45,877	31,425	46.0	1,706	4,817	987		
18	New Jersey.....	774,702	555,608	219,094	39.1	30.5	29.5	744,843	532,750	39.8	28,601	21,474	33.2	73	1,033	152		
19	Pennsylvania.....	2,309,620	1,817,239	492,381	27.1	30.1	28.8	2,242,397	1,763,482	27.2	64,722	51,608	24.4	337	1,636	162		
EAST NORTH CENTRAL:																		
20	Ohio.....	1,484,205	1,212,223	272,042	22.4	31.1	29.6	1,444,477	1,160,989	22.4	39,188	31,235	25.5	54	261	58		
21	Indiana.....	822,414	720,236	102,178	12.4	30.5	28.6	801,431	701,761	14.2	20,631	18,156	15.6	74	593	38		
22	Illinois.....	1,743,182	1,401,456	341,726	24.4	30.9	29.1	1,701,462	1,370,209	24.1	39,583	30,627	34.3	68	1,857	229		
23	Michigan.....	870,876	719,478	151,398	21.0	31.0	29.9	862,223	712,212	21.1	6,296	5,193	20.0	10	499	80		
24	Wisconsin.....	683,748	570,715	113,033	19.8	29.3	27.6	679,841	567,213	19.9	1,982	1,006	7.0	2,661	190	29		
WEST NORTH CENTRAL:																		
25	Minnesota.....	642,669	506,794	135,875	26.8	31.0	28.9	636,903	502,284	26.8	3,390	2,168	56.4	2,075	248	51		
26	Iowa.....	663,672	635,238	28,474	4.5	29.8	28.6	657,914	639,665	4.3	5,443	4,441	22.6	205	80	27		
27	Missouri.....	923,662	856,684	115,378	13.6	29.5	27.6	919,480	839,797	13.5	5,221	46,148	14.0	79	499	80		
28	North Dakota.....	178,899	95,217	78,673	82.0	30.1	29.8	171,941	99,237	84.4	41	11.0	67.0	1,511	35	52		
29	South Dakota.....	178,189	112,681	65,508	58.1	30.5	28.1	172,722	107,433	60.9	341	184	85.3	4,991	98	37		
30	Nebraska.....	353,626	301,091	52,535	17.4	29.7	28.2	348,915	297,817	17.2	3,225	2,298	40.3	855	106	527		
31	Kansas.....	568,529	413,756	154,743	22.9	30.1	28.1	490,225	398,532	23.0	17,888	14,665	19.7	18.3	13	91		
SOUTH ATLANTIC:																		
32	Delaware.....	61,887	54,018	7,869	14.6	30.6	29.2	52,804	45,592	15.8	9,600	8,374	8.1	.....	29	4		
33	Maryland.....	367,908	321,903	46,005	14.3	28.4	27.1	369,561	290,799	16.3	63,963	60,406	5.9	13	359	112		
34	District of Columbia.....	103,761	83,823	19,938	23.8	31.5	30.1	115,763	60,318	25.8	27,621	23,072	19.7	22	312	36		
35	Virginia.....	523,532	447,815	75,717	16.9	28.4	24.2	503,659	390,129	20.7	159,956	146,122	9.2	133	136	21		
36	West Virginia.....	338,349	247,970	90,379	36.4	27.7	25.9	318,498	233,129	35.3	22,757	14,780	53.9	8	84	2		
37	North Carolina.....	606,184	417,578	188,586	21.2	29.9	29.0	597,611	289,263	24.3	146,702	127,114	15.4	4	1,703	66		
38	South Carolina.....	335,046	283,325	51,721	18.3	29.1	21.1	165,769	139,375	21.7	169,155	152,830	8.7	701	79	2		
39	Georgia.....	620,616	500,752	119,864	23.9	28.8	22.6	553,569	277,466	27.4	206,814	223,073	19.6	24	206	3		
40	Florida.....	214,195	189,601	24,594	12.9	28.5	26.4	184,311	177,962	9.4	59,629	61,417	6.0	27	163	34		
EAST SOUTH CENTRAL:																		
41	Kentucky.....	603,544	543,906	59,638	10.9	26.4	25.3	527,661	409,206	12.5	75,694	74,728	1.3	48	42	9		
42	Tennessee.....	552,608	487,390	65,298	13.4	25.3	24.1	433,413	375,046	15.6	119,142	112,236	6.2	46	40	4		
43	Alabama.....	515,111	413,862	99,249	24.0	24.0	22.6	506,943	252,294	28.7	213,223	181,471	17.9	181	47	4		
44	Mississippi.....	426,393	349,177	77,216	22.1	28.8	22.6	402,741	150,530	28.0	283,701	197,086	18.1	302	206	1		
WEST SOUTH CENTRAL:																		
45	Arkansas.....	395,824	313,836	81,988	26.1	25.1	23.9	294,301	226,997	25.5	111,305	87,157	27.8	95	54	9		
46	Louisiana.....	414,919	325,943	88,976	27.3	23.0	21.6	240,091	177,878	34.9	174,211	147,348	18.2	154	441	25		
47	Oklahoma.....	447,296	206,552	240,714	116.5	25.0	26.1	338,377	179,498	120.4	36,841	13,973	163.7	14,880	129	39		
48	Texas.....	1,066,367	737,768	328,599	36.0	28.7	24.2	855,962	599,961	33.3	166,396	136,875	21.0	204	542	248		
MOUNTAIN:																		
49	Idaho.....	150,917	101,931	53,086	52.1	41.2	41.9	148,733	94,878	56.8	851	711	19.7	2,706	1,168	1,486		
50	Montana.....	110,863	53,332	56,931	105.6	34.0	33.3	107,469	50,328	113.5	526	100	152.3	1,039	811	1,205		
51	Wyoming.....	63,201	37,698	25,503	66.8	43.3	41.9	59,698	26,329	64.9	1,325	431	175.5	419	210	1,468		
52	Colorado.....	271,648	185,708	85,940	46.3	34.0	34.4	264,603	181,616	45.7	4,283	3,215	33.2	324	341	2,096		
53	New Mexico.....	94,637	55,067	39,570	71.9	28.9	28.2	88,733	56,894	74.7	644	775	16.9	4,793	230	237		
54	Arizona.....	74,631	44,081	29,970	68.0	36.2	35.9	65,097	34,011	67.4	1,064	508	29.5	670	1,146	323		
55	Utah.....	104,115	67,172	36,943	53.5	27.9	24.3	100,436	63,205	54.3	568	358	58.7	833	324	1,882		
56	Nevada.....	90,626	17,710	22,316	126.0	48.9	41.8	36,632	14,632	150.0	229	70	.....	1,527	801	788		
PACIFIC:																		
57	Washington.....	441,294	196,572	245,722	125.6	38.6	37.7	422,679	183,999	126.7	3,120	1,230	153.7	2,858	2,304	10,165		
58	Oregon.....	244,889	118,748	126,141	106.2	38.2	34.9	248,343	131,201	96.9	7,620	560	30.8	1,235	2,170	2,834		
59	California.....																	

MALES 21 YEARS OF AGE AND OVER.

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BY DIVISIONS AND STATES: 1910 AND 1900.

A minus sign (-) denotes decrease.

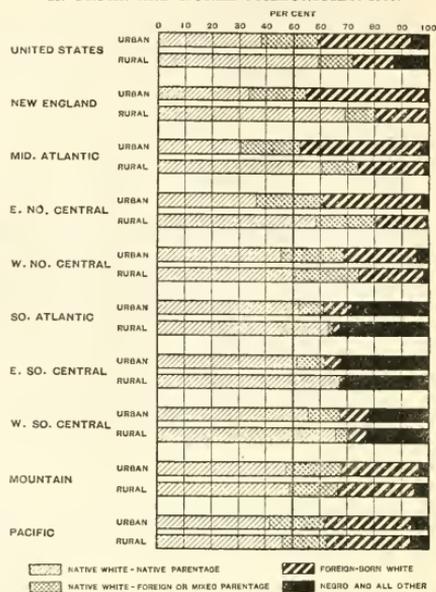
MALES 21 YEARS OF AGE AND OVER.										PER CENT OF TOTAL.									
Native white.					Foreign-born white.					Native white.					Foreign-born white.				
Native parentage.			Foreign or mixed parentage.		Per cent of increase.	White.			Negro.		Native parentage.			Foreign or mixed parentage.		Foreign-born white.			
1910	1900	Per cent of increase.	1910	1900		1910	1900	Per cent of increase.	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	
1	13,211,731	10,569,743	25.0	4,498,966	3,444,684	30.6	6,646,817	4,904,270	33.5	90.2	89.5	9.1	9.7	48.9	50.0	16.7	16.3	24.6	23.2
2	808,405	788,221	2.6	387,744	298,663	29.8	796,547	597,823	33.3	98.7	98.6	1.1	1.1	40.0	46.1	19.2	17.5	39.5	35.0
3	2,320,175	1,971,882	17.7	1,357,365	988,532	29.5	2,272,271	1,510,875	50.4	97.5	97.4	2.3	2.3	39.3	43.3	19.9	21.0	38.4	33.1
4	2,632,162	2,207,411	18.4	1,302,598	1,039,959	25.2	1,573,563	1,284,617	22.5	97.0	98.0	1.0	1.8	46.6	47.7	23.2	22.5	28.1	27.8
5	1,711,122	1,448,882	18.1	817,570	600,914	34.1	869,408	700,009	10.1	97.3	97.2	2.4	2.4	49.0	49.6	23.4	20.6	24.9	27.0
6	1,841,213	1,466,826	25.5	1,209,669	905,484	16.4	1,500,665	104,183	44.6	98.8	97.1	31.1	32.7	59.9	58.7	3.9	4.2	4.9	4.2
7	1,337,122	1,111,980	20.2	692,546	577,551	25.5	465,308	477,445	-2.4	96.3	98.4	30.6	31.6	63.8	62.0	3.3	3.8	2.2	2.6
8	1,428,856	947,878	51.4	154,845	109,035	42.0	171,940	130,931	31.3	77.6	74.7	21.6	24.3	63.2	59.6	6.3	6.9	7.6	8.3
9	442,848	287,597	71.9	171,016	106,192	61.0	257,537	164,862	56.2	96.4	93.8	1.0	1.2	48.5	44.7	18.7	17.8	28.2	29.3
10	708,828	373,967	90.0	296,900	158,214	87.7	508,438	378,525	33.9	90.5	91.0	0.7	0.6	48.5	42.2	38.1	31.9	31.4	30.9
11	159,769	157,377	1.5	76,622	70,964	27.0	48,464	38,515	25.8	99.6	99.6	0.2	0.2	67.8	72.3	11.3	9.6	20.6	17.7
12	76,639	82,383	-7.0	17,798	13,496	31.9	41,596	34,799	20.7	99.8	99.5	0.1	0.2	56.1	62.9	13.0	10.3	30.7	26.5
13	69,387	68,807	0.8	19,367	18,324	5.7	25,759	20,846	14.0	99.1	99.7	0.9	0.3	61.1	63.5	17.1	16.9	20.9	19.2
14	334,346	320,843	4.2	218,484	168,584	31.9	433,601	343,522	32.0	98.5	98.4	1.2	1.2	32.7	38.1	21.4	21.4	40.7	40.7
15	48,513	44,893	8.1	36,000	25,340	42.1	75,899	53,768	41.2	97.9	97.5	1.9	2.2	29.6	35.3	22.0	19.9	46.3	42.3
16	119,751	113,708	5.3	69,473	54,955	26.1	158,188	106,403	44.0	98.5	98.1	1.4	1.6	34.4	40.6	20.0	19.6	34.1	38.0
17	909,404	722,447	18.2	652,864	533,090	22.5	1,223,013	829,474	47.2	98.1	98.2	1.6	1.4	32.1	35.8	23.0	24.4	40.0	38.0
18	281,269	294,644	-2.2	133,926	111,508	38.0	309,648	180,398	57.5	98.1	98.9	3.7	3.9	36.3	40.4	19.9	20.1	40.0	35.4
19	1,129,412	964,751	17.1	371,575	313,928	18.4	741,610	484,803	53.0	97.1	97.0	2.8	2.8	48.9	53.1	16.1	17.3	32.1	26.7
20	841,556	697,956	20.6	294,443	256,955	14.6	308,478	225,688	36.7	97.3	97.4	2.6	2.6	56.7	57.6	19.8	21.2	30.8	18.6
21	596,119	517,446	15.2	116,385	111,228	4.6	88,922	73,087	21.7	97.4	97.4	2.5	2.5	72.3	71.8	14.2	15.4	10.8	10.1
22	689,209	686,773	17.5	407,318	316,313	28.8	604,524	467,123	29.4	97.6	97.8	2.3	2.1	39.5	41.9	23.4	22.6	34.7	33.3
23	337,631	288,293	17.1	222,394	162,537	36.8	302,177	201,415	15.6	99.0	99.0	0.7	0.7	38.8	40.1	25.2	22.7	34.7	36.3
24	145,636	116,943	27.1	261,905	192,950	35.8	269,237	257,304	4.6	99.4	99.4	0.2	0.2	21.7	20.5	33.3	33.8	39.4	45.1
25	135,494	104,577	29.6	207,137	157,054	48.2	298,282	260,753	14.4	99.1	99.1	0.5	0.4	21.1	20.6	31.6	27.0	46.4	51.5
26	333,621	321,513	3.8	177,413	131,240	17.3	206,906	157,906	7.0	99.1	99.2	0.8	0.7	50.3	50.6	26.7	28.8	22.1	24.9
27	630,878	551,438	16.7	167,198	145,876	14.6	121,404	112,483	7.9	94.5	94.5	5.4	5.4	64.8	64.4	17.2	17.0	12.5	13.1
28	43,358	19,777	119.2	48,862	17,902	172.9	79,721	55,558	43.5	96.9	97.9	0.2	0.1	24.9	20.8	28.1	18.8	48.8	38.3
29	65,769	53,381	85.9	52,425	26,526	97.6	54,528	45,446	20.0	96.9	95.3	3.2	3.2	36.9	31.4	29.4	23.5	30.6	40.3
30	168,559	147,508	14.3	86,011	59,384	44.8	94,345	90,925	3.8	98.7	98.9	0.9	0.8	47.7	49.0	24.3	19.7	26.7	30.2
31	333,445	268,688	24.1	82,534	62,926	31.2	74,248	66,308	10.9	98.4	98.3	3.5	3.6	65.6	64.9	18.2	15.2	14.6	16.2
32	37,677	33,270	13.2	6,351	5,575	13.9	8,776	6,747	30.1	85.3	84.4	14.6	15.5	60.9	61.6	10.3	10.3	14.2	12.5
33	203,284	177,063	18.2	52,304	46,965	11.4	47,973	42,011	14.2	82.5	81.1	17.4	18.8	55.3	53.4	14.2	14.6	13.0	13.1
34	49,949	39,557	25.3	14,078	11,161	26.1	11,738	9,600	22.3	73.0	72.0	28.6	27.5	48.1	47.2	13.6	13.3	11.3	11.5
35	338,098	280,881	20.4	10,679	9,413	13.4	14,882	11,083	34.3	69.5	67.3	30.5	32.6	64.6	62.7	2.9	2.1	2.8	2.5
36	205,216	202,0	16.1	117,653	72,667	38.4	86,887	12,878	169.4	63.2	94.0	6.7	6.0	78.2	82.8	8.8	6.3	10.3	5.2
37	332,632	284,601	23.7	2,283	2,211	3.3	3,296	2,461	34.5	70.7	69.3	29.0	30.4	69.6	68.2	0.5	0.5	0.7	0.6
38	159,009	134,997	28.1	3,405	3,399	3.2	3,353	2,979	12.6	60.5	60.0	50.5	54.0	47.5	48.8	1.0	1.2	1.0	1.1
39	337,207	263,929	27.8	7,789	6,260	13.5	8,513	6,707	26.9	53.0	55.4	43.0	44.5	54.3	52.7	1.3	1.4	1.3	1.4
40	91,203	63,272	56.8	7,663	4,965	54.3	17,445	9,725	79.4	58.0	58.8	41.9	44.0	46.3	45.3	3.6	3.6	8.1	7.0
41	464,534	402,204	15.5	42,097	41,823	2.1	30,440	25,139	17.4	87.4	88.3	12.5	13.7	77.0	73.9	7.1	7.7	3.4	4.6
42	411,200	333,621	26.3	12,119	11,162	1.7	10,112	9,809	6.3	78.4	77.0	21.6	23.0	74.4	72.6	2.2	2.4	1.8	2.0
43	279,597	216,600	29.6	8,465	8,162	3.7	10,521	8,052	30.2	58.3	56.1	41.7	43.8	54.6	52.2	1.6	2.0	2.1	2.0
44	181,441	140,065	29.5	6,065	5,790	5.5	5,235	4,715	11.0	45.1	43.1	54.7	57.7	62.5	49.1	1.4	1.6	1.2	1.4
45	263,215	208,967	28.0	11,368	9,352	21.6	9,718	8,278	17.4	71.8	72.2	28.1	27.8	46.5	46.6	2.9	3.0	2.5	2.6
46	179,778	121,356	48.1	33,704	31,172	8.1	29,519	25,340	44.7	57.8	54.6	42.0	45.2	43.3	37.2	8.1	9.6	6.4	5.8
47	343,399	154,692	122.0	28,427	13,176	115.7	23,551	11,540	104.1	88.4	86.9	8.2	6.8	76.8	74.9	6.4	6.4	5.3	5.6
48	642,464	438,863	60.0	81,346	55,325	47.0	112,152	85,773	30.8	83.3	81.3	15.6	18.6	64.0	62.2	8.1	7.5	11.2	11.6
49	59,657	35,130	69.8	29,763	19,760	50.6	59,313	39,983	48.3	95.9	93.1	0.5	0.7	38.5	34.5	19.2	19.4	38.3	39.2
50	58,978	25,796	128.7	22,647	11,051	104.9	28,844	13,491	72.1	96.9	93.3	0.3	0.2	53.2	47.8	20.4	20.5	23.3	25.0
51	30,706	18,012	70.5	10,729	7,639	40.5	18,263	10,611	71.6	94.5	95.7	2.1	1.3	48.5	47.5	17.0	20.2	28.9	28.0
52	147,298	99,563	47.9	46,821	30,891	51.6	70,514	51,162	37.8	97.4	97.8	1.6	1.7	54.2	53.6	17.2	16.6	26.0	27.5
53	69,289	39,171	76.9	6,942	4,382	58.4	12,502	7,251	72.4	93.8	92.3	0.7	1.4	73.2	71.1	7.3	8.0	13.2	13.2
54	28,752	16,183	77.7	10,663	6,567	62.4	25,682	12,161	111.2	87.9	79.2	1.0	2.5	38.8	36.7	14.4	14.9	34.7	27.6
55	33,979	18,231</																	

**Urban and rural communities.**—Table 37 shows, for each geographic division, the number of males 21 years of age and over in 1910 in urban and rural communities, respectively, classified according to color or race, nativity, and parentage. The percentages formed by the several classes of population are also shown graphically in the accompanying diagram.

In the United States as a whole males 21 years of age and over formed a larger proportion of the total population in 1910 in urban than in rural communities, but the opposite was the case in the New England, Middle Atlantic, and Mountain divisions.

In the urban communities of the United States as a whole in 1910, only 38.2 per cent of the males 21 years of age and over were native whites of native parentage, while 34.3 per cent were foreign-born whites and 20.8 per cent native whites of foreign or mixed parentage; thus considerably over one-half of the total either were born abroad or had one or both parents born abroad. In rural communities, on the other hand, nearly three-fifths (59.4 per cent) of the males of 21 years and over were native whites of native parentage, only 27.7 per cent being foreign-born whites and native whites of foreign or mixed parentage. In the Middle Atlantic and New England divisions the proportion of native whites of native parentage among males of 21 years and over in urban communities was especially low (30.2 and 33.7 per cent, respectively), and the proportion of foreign-born whites especially high (44.2 and 44 per cent, respectively).

DISTRIBUTION OF MALES 21 YEARS OF AGE AND OVER IN URBAN AND RURAL COMMUNITIES: 1910.



MALES 21 YEARS OF AGE AND OVER IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

Table 37

DIVISION AND CLASS OF COMMUNITY.	MALES 21 YEARS OF AGE AND OVER.										PER CENT OF TOTAL.					
	Total.	White.	Negro.	Indian, Chinese, Japanese, and all other.	Native white.			White.	Negro.	Indian, Chinese, Japanese, and all other.	Native white.					
					Native parentage.	Foreign or mixed parentage.	Foreign-born white.				Native parent-ent.	Foreign or mixed parent-entage.	Foreign-born white.			
<b>United States</b> .....	26,999,151	29.4	24,397,514	2,458,873	182,764	13,211,731	4,498,966	6,646,817	30.2	9.1	0.7	48.9	16.7	24.6		
Urban.....	12,628,155	31.4	11,624,413	811,495	75,352	5,529,077	3,461,146	728,150	36.1	1.2	0.2	33.7	28.4	34.3		
Rural.....	13,658,016	27.7	11,903,656	1,646,928	107,432	8,113,472	1,719,425	6,646,759	59.4	12.1	0.8	52.4	15.6	15.1		
<b>NEW ENGLAND</b> .....	2,019,096	30.8	1,992,996	22,074	4,026	808,405	387,744	796,847	39.7	1.1	0.2	40.0	19.2	39.5		
Urban.....	306,941	32.9	338,583	1,904	454	249,528	41,598	67,657	59.3	0.5	0.1	69.1	11.5	18.7		
<b>MIDDLE ATLANTIC</b> .....	5,929,501	30.4	5,779,811	138,730	10,940	2,329,175	1,178,385	2,272,271	30.2	2.3	0.2	39.2	19.9	38.4		
Urban.....	4,177,617	30.4	4,055,787	112,137	8,603	1,263,179	944,316	1,848,292	30.2	2.7	0.2	30.2	22.6	44.2		
Rural.....	1,752,884	31.2	1,715,824	25,613	2,247	1,036,996	234,069	422,979	58.4	1.5	0.1	60.6	13.4	24.3		
<b>EAST NORTH CENTRAL</b> .....	5,044,500	30.7	5,489,013	107,170	8,317	2,613,162	1,302,598	1,573,343	30.2	1.9	0.1	46.6	23.2	28.1		
Urban.....	3,042,618	31.6	2,955,156	83,591	3,671	1,115,297	742,534	1,097,325	31.1	2.8	0.1	36.7	24.4	36.1		
Rural.....	2,001,882	29.7	2,533,857	23,179	4,646	1,497,865	559,974	476,018	59.9	0.9	0.2	58.5	21.9	18.6		
<b>WEST NORTH CENTRAL</b> .....	3,483,637	30.0	3,398,109	83,219	12,318	1,711,122	817,370	869,408	30.3	2.4	0.4	45.0	23.4	24.9		
Urban.....	1,207,791	32.7	1,206,967	38,838	1,896	579,723	294,915	352,329	36.2	4.0	0.1	45.7	23.3	29.2		
Rural.....	2,225,846	28.7	2,191,133	24,281	10,432	1,131,399	522,455	537,079	59.4	1.1	0.5	50.0	23.5	24.1		
<b>SOUTH ATLANTIC</b> .....	3,071,428	25.2	2,112,547	955,364	3,517	1,841,213	120,669	150,665	68.8	31.1	0.1	59.9	3.9	4.9		
Urban.....	892,830	28.9	641,383	250,083	1,362	465,228	83,620	91,535	71.8	28.0	0.2	52.2	9.4	10.3		
Rural.....	2,178,593	23.9	1,471,164	705,281	2,148	1,374,985	37,049	59,130	67.5	32.4	0.1	63.1	1.7	2.7		
<b>EAST SOUTH CENTRAL</b> .....	2,096,186	24.9	1,452,776	642,460	950	1,337,122	69,346	46,308	69.3	30.6	(0)	63.8	3.3	2.2		
Urban.....	460,715	29.3	314,122	146,339	254	237,209	29,366	68.2	31.8	0.1	51.5	10.3	6.4			
Rural.....	1,635,471	23.9	1,138,654	496,121	696	1,099,913	27,799	16,942	69.0	30.3	(0)	67.3	1.3	1.0		
<b>WEST SOUTH CENTRAL</b> .....	2,301,366	25.7	1,785,641	488,815	16,940	1,428,585	154,845	171,940	77.0	21.6	0.7	63.7	6.8	7.6		
Urban.....	589,590	30.1	463,824	123,460	2,096	329,121	68,616	66,117	78.7	21.0	0.4	55.8	11.6	11.2		
Rural.....	1,671,786	24.5	1,291,787	365,175	14,824	1,099,735	86,229	105,823	77.3	21.8	0.9	65.8	5.2	6.3		
<b>MOUNTAIN</b> .....	913,528	34.7	871,401	8,992	33,165	442,848	171,016	237,537	36.4	1.0	3.6	48.5	18.7	28.2		
Urban.....	327,456	34.6	315,368	6,010	6,728	155,799	67,631	92,118	36.3	1.8	1.9	47.6	20.6	28.1		
Rural.....	586,102	34.8	556,033	2,982	27,087	287,049	103,385	145,419	54.0	0.5	4.6	49.0	17.7	28.2		
<b>PACIFIC</b> .....	1,618,879	38.6	1,514,229	12,029	62,623	708,528	296,903	608,498	43.5	0.7	5.7	43.8	18.3	31.4		
Urban.....	924,168	38.8	866,808	9,637	47,723	386,626	181,396	298,786	38.8	1.0	5.2	41.8	20.0	32.0		
Rural.....	694,711	38.1	647,421	2,392	44,898	322,302	115,507	218,712	53.2	0.3	6.5	46.4	16.2	30.0		

<sup>1</sup> Less than one-tenth of 1 per cent

Principal cities.—Statistics regarding males 21 years of age and over in cities of 100,000 inhabitants or more in 1910 are presented in Table 38, and similar statistics in somewhat less detail for cities having from 25,000 to 100,000 inhabitants are presented in Table 39.

Among the cities of 100,000 inhabitants or more in 1910 there were seven in which males 21 years of age and over formed more than 35 per cent of the total population, namely, Kansas City, Mo., Los Angeles, Oakland, Portland, Oreg., San Francisco, Seattle, and Spokane. In New York City the percentage was 30.1, and in no city did the percentage fall below 26.

Foreign-born whites constituted at least one-half of the males 21 years of age and over in 1910 in Bridgeport, Chicago, Cleveland, Detroit, Fall River (63.8 per cent), the highest for any city of 100,000 inhabitants or more), Lowell, New York City (57.8 per cent), Paterson, and Worcester. On the other hand, native whites of native parentage formed less than one-fifth of the total number in Chicago, Fall River (11.3 per cent), Lowell, Milwaukee, New York City (16 per cent), and Paterson. The percentage of native whites of foreign or mixed parentage was especially high in Buffalo, Cincinnati, Milwaukee, Rochester, St. Louis, and St. Paul.

MALES 21 YEARS OF AGE AND OVER IN CITIES OF 100,000 INHABITANTS OR MORE: 1910 AND 1900.

CITY.	MALES 21 YEARS OF AGE AND OVER.												PER CENT OF TOTAL: 1910					
	Total.		Per cent of total population.		Native white.				Foreign or mixed parentage.				Negro.	Indian, Chin, new, Japanese and all other.	Native white.		Negro.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900			Native parentage.	Foreign or mixed parentage.		
Albany, N. Y.	32,000	28,410	31.9	30.2	11,959	9,663	11,433	10,478	8,192	7,768	379	490	35	37.4	35.7	25.6	1.2	
Albany, Ga.	44,510	23,183	27.7	25.8	26,627	14,665	14,665	22,287	12,587	12,587	13,965	7,896	68	59.8	3.7	5.1	31.2	
Baltimore, Md.	168,334	141,271	29.3	27.1	68,422	54,262	34,895	31,575	33,638	29,516	36,234	21,936	33.6	31.7	21.3	20.6	16.0	
Birmingham, Ala.	40,699	12,246	30.7	31.9	19,493	5,523	1,811	7,522	2,944	973	16,441	4,689	10	47.9	4.4	7.2	40.4	
Boston, Mass.	298,321	170,968	31.1	31.1	47,806	47,733	51,139	41,701	103,160	81,058	5,070	4,441	1,146	22.9	24.5	24.5	1.4	
Bridgeport, Conn.	32,991	21,852	32.3	30.9	8,402	6,510	6,945	5,066	17,114	9,943	471	337	59	25.3	21.1	51.9	1.4	
Buffalo, N. Y.	228,183	97,308	20.7	27.5	303,517	20,418	40,446	31,900	56,327	44,809	749	652	93	23.8	31.4	48.4	4.6	
Cambridge, Mass.	30,262	26,364	28.9	29.2	7,048	7,638	7,043	5,985	14,836	12,004	1,384	1,131	101	23.3	23.0	44.6	0.6	
Chicago, Ill.	706,590	511,948	38.1	30.1	125,703	103,674	175,397	121,804	379,520	211,962	17,845	13,414	1,735	17.9	25.0	54.2	2.5	
Cincinnati, Ohio.	113,919	92,799	31.1	28.5	37,419	23,314	42,366	38,628	26,723	26,944	7,987	4,998	24	32.8	37.7	23.3	1.9	
Cleveland, Ohio.	177,386	111,522	31.6	29.6	36,358	23,647	43,038	29,441	94,431	56,973	3,298	2,368	241	20.5	24.3	33.9	1.9	
Columbus, Ohio.	60,882	40,071	33.5	31.9	36,099	22,280	11,244	12,883	8,588	8,587	5,980	5,738	2,855	43	34.4	24.9	39.8	0.8
Dayton, Ohio.	35,236	25,746	32.8	30.2	21,281	12,984	7,848	8,828	7,303	4,700	1,781	1,124	23	55.7	20.9	19.1	4.7	
Denver, Colo.	116,990	42,712	33.9	30.7	34,118	20,877	15,934	8,426	19,204	11,778	1,999	1,331	735	47.4	23.1	26.7	2.8	
Detroit, Mich.	150,917	78,562	32.2	27.6	32,653	15,830	39,761	21,426	75,323	40,216	2,224	1,372	56	13.8	26.5	50.2	1.5	
Fall River, Mass.	31,647	26,866	28.5	25.6	3,561	3,582	7,699	5,379	20,181	17,732	133	71	73	11.3	24.3	63.8	0.4	
Grand Rapids, Mich.	34,283	24,866	31.5	28.4	9,117	15,752	12,379	10,567	13,686	10,683	354	192	25	34.4	24.9	39.8	0.8	
Indianapolis, Ind.	75,743	52,544	32.8	31.1	45,855	33,990	13,149	10,987	10,407	8,335	7,556	5,200	46	59.4	17.1	13.6	9.8	
Jersey City, N. J.	80,866	60,219	30.2	29.2	17,359	13,444	23,574	18,300	37,707	27,104	2,104	1,260	145	21.4	29.2	46.6	2.6	
Kansas City, Mo.	97,457	55,798	32.2	32.8	31,646	26,881	13,601	5,761	15,022	9,158	9,101	5,787	87	59.6	15.6	14.9	0.4	
Los Angeles, Cal.	114,389	33,049	36.0	32.2	57,828	16,024	20,228	5,760	29,376	8,618	2,571	822	4,668	50.3	17.6	25.7	2.2	
Louisville, Ky.	67,678	69,641	30.3	29.1	28,456	30,921	17,190	16,173	23,234	10,687	15,087	12,016	9	42.0	35.4	12.3	2.0	
Lowell, Mass.	31,300	27,659	29.4	28.5	5,859	11,252	7,156	5,392	18,191	15,305	44	50	18.7	22.9	58.1	0.1		
Memphis, Tenn.	44,306	31,905	33.8	30.7	18,781	11,679	8,847	5,386	5,403	2,607	17,238	14,257	40	44.6	32.7	37.7	38.9	
Minneapolis, Minn.	113,166	73,029	30.3	28.3	45,436	7,822	41,114	26,915	56,101	40,453	396	388	36	33.3	36.3	48.6	0.4	
Missoula, Mont.	105,305	63,711	29.4	31.4	31,789	14,422	11,401	14,422	45,159	30,227	1,227	637	117	30.1	28.7	42.9	1.2	
Nashville, Tenn.	30,774	22,191	27.7	27.4	17,422	11,178	11,178	2,061	9,719	7,457	9,719	7,457	17,478	11.6	9.6	51.7	31.6	
New Haven, Conn.	40,510	32,566	30.3	30.1	10,833	10,990	9,186	7,582	19,104	13,030	1,191	863	86	26.8	22.7	47.4	2.9	
New Orleans, La.	96,997	75,449	28.6	28.3	33,767	18,910	24,134	22,699	15,156	13,603	25,269	19,809	341	34.8	24.9	13.9	26.1	
New York, N. Y.	1,433,749	1,007,670	30.1	29.3	229,362	178,900	339,611	264,205	828,793	539,746	30,855	16,651	5,128	16.6	23.7	57.8	2.2	
Manhattan Borough.	523,736	311,611	29.8	29.1	99,117	85,309	142,067	139,651	457,249	324,851	61,979	31,739	5,829	15.9	19.6	63.4	2.9	
Brooklyn Borough.	195,655	67,802	29.5	28.8	19,547	10,029	27,286	17,479	72,069	59,340	1,969	1,079	67	14.6	12.9	64.1	1.0	
Brooklyn Borough.	170,386	337,716	36.8	36.5	89,728	70,784	107,167	99,823	215,544	165,609	7,011	5,572	927	18.1	27.0	65.8	1.5	
Queens Borough.	85,375	29,857	29.6	27.6	16,531	8,647	26,297	17,526	33,598	23,689	689	681	159	20.3	31.1	45.6	1.8	
Richmond Borough.	35,400	20,857	30.8	30.2	7,225	7,789	6,905	5,548	11,977	8,769	807	666	66	27.3	19.1	41.3		
Newark, N. J.	103,224	78,558	29.7	28.7	24,388	17,656	25,938	19,195	49,674	31,483	3,015	1,966	221	23.6	25.1	41.1	2.0	
Oakland, Cal.	63,967	20,851	33.9	31.1	17,046	6,087	12,783	4,863	19,334	7,701	1,238	353	3,066	31.6	23.7	38.8	2.3	
Omaha, Neb.	43,216	34,820	34.8	33.8	17,601	15,002	9,874	6,883	18,788	11,883	1,886	1,257	68	40.7	22.8	31.9	4.4	
Paterson, N. J.	36,873	25,636	29.4	28.2	7,135	5,774	9,046	8,923	23,623	16,045	453	356	77	28.6	28.9	54.7	1.2	
Philadelphia, Pa.	468,813	386,853	30.3	29.9	160,396	141,711	132,186	96,070	167,072	127,915	28,120	20,095	1,639	34.2	22.9	33.6	6.0	
Pittsburgh, Pa.	166,424	136,421	31.2	30.2	45,933	37,060	40,737	35,507	70,148	55,588	9,382	7,719	244	27.6	24.5	42.2	5.6	
Portland, Oreg.	88,908	38,233	42.9	42.4	41,408	13,896	15,283	6,312	25,290	9,596	525	386	6,462	46.6	16.0	21.8	2.6	
Providence, R. I.	68,683	53,131	30.8	30.3	17,920	16,785	16,192	11,759	33,583	28,568	1,705	1,500	243	20.6	23.9	47.6	2.6	
Richmond, Va.	37,204	23,636	27.6	27.6	19,351	11,779	7,324	1,756	9,040	6,940	1,401	1,370	14	32.7	34.2	35.4	3.7	
Rochester, N. Y.	68,954	45,393	30.9	27.9	30,467	12,459	21,683	15,569	27,067	17,242	305	175	42	29.4	32.1	38.9	0.4	
St. Louis, Mo.	221,913	171,798	32.3	29.9	67,002	42,588	74,623	61,948	63,440	55,223	16,381	11,121	1,127	467	30.2	33.8	28.6	7.4
St. Paul, Minn.	72,073	51,027	33.6	31.1	18,559	13,262	22,832	14,407	29,048	22,435	1,373	1,071	61	28.8	31.7	33.8	2.2	
San Francisco, Cal.	175,551	128,522	42.2	37.6	41,019	27,172	46,740	33,579	75,768	56,129	841	619	10,995	23.7	26.6	43.1	0.5	
Seattle, Wash.	37,659	28,075	28.5	27.9	8,759	6,770	10,617	8,656	17,461	13,029	316	307	6	23.6	28.9	43.8	0.7	
Seattle, Wash.	101,633	39,303	42.9	43.0	41,632	19,634	17,323	5,452	36,097	11,021	1,204	169	5,429	40.9	17.0	35.5	1.2	
Spokane, Wash.	40,254	14,944	36.6	40.6	18,893	7,259	8,147	2,857	12,389	4,324	305	199	520	46.0	20.7	33.8	0.8	
Syracuse, N. Y.	44,712	32,499	32.6	30.0	17,377	11,860	11,940	9,883	13,944	10,404	437	356	15	38.9	26.7	33.4	1.0	
Tolledo, Ohio.	52,748	39,257	31.3	29.0	21,299	15,231	17,324	15,231	22,826	12,543	518	39	40.3	32.0	26.7	35.7	1.3	
Washington, D. C.	103,761	83,823	31.3	30.1	49,949	39,557	14,078	11,161	61,111	45,816	27,621	23,072	375	35.1	13.6	11.3	26.6	
Worcester, Mass.	45,601	35,743	31.1	30.2	12,343	11,319	9,988	7,441	22,816	16,541	384	339	70	27.1	21.9	50.0	0.3	

Includes population of Allegheny for 1900.

MALES 21 YEARS OF AGE AND OVER, WITH CITIZENSHIP OF FOREIGN-BORN WHITES, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

Table 39

CITY.	MALES 21 YEARS OF AGE AND OVER.										PER CENT OF TOTAL 1910				FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910			
	Total.		Native white 1910		Foreign-born white 1910	Negro 1910	Indian, Chin., Jap., and all other: 1910	Native white				Natural.	Having no papers.	Alien.	Citizenship not reported.			
	1910	1900	Native parent-age.	Foreign or mixed parent-age.				Native parent-age.	Foreign or mixed parent-age.	Foreign-born.	Nat. neg.					Alien.		
<b>Alabama</b>																		
Mobile.....	10,645	10,645	5,376	1,815	1,228	6,578	17	35.8	12.1	8.2	43.8	652	68	328	180			
Montgomery.....	10,789	7,792	4,971	424	994	4,988	7	46.1	4.0	3.7	46.2	201	15	30	123			
<b>Arkansas</b>																		
Little Rock.....	14,801	11,744	7,668	1,466	1,066	4,692	9	51.3	9.9	7.2	31.0	629	52	117	268			
<b>California</b>																		
Berkeley.....	12,622	7,734	5,363	2,322	3,627	56	754	42.3	22.4	28.7	0.4	2,066	359	854	338			
Pasadena.....	9,262	2,675	5,509	1,459	1,722	227	226	59.3	15.8	19.1	2.5	1,101	123	402	144			
Sacramento.....	18,777	10,914	6,972	4,437	5,361	207	1,820	37.1	23.6	28.4	1.1	2,424	402	1,779	726			
San Diego.....	14,828	7,883	7,333	2,461	3,843	222	433	30.7	16.6	23.9	1.2	2,057	193	326	62			
San Jose.....	9,761	6,586	3,837	2,270	2,963	66	629	39.9	24.3	30.4	0.7	1,037	184	442	333			
<b>Colorado</b>																		
Colorado Springs.....	9,213	6,773	5,877	1,839	1,434	338	25	63.8	10.7	15.9	3.7	748	83	279	324			
Pueblo.....	16,814	10,142	8,903	2,310	4,777	581	193	53.2	17.3	28.4	3.5	1,773	230	1,991	718			
<b>Connecticut</b>																		
Hartford.....	31,121	26,631	9,615	6,945	13,975	501	85	39.9	22.3	44.9	1.6	6,294	1,112	5,761	815			
Meriden town.....	9,445	8,272	2,408	2,650	4,346	29	12	25.5	28.1	40.0	0.3	2,308	348	1,280	440			
Meriden city.....	7,969	7,040	2,027	2,578	5,690	29	12	35.4	28.0	46.7	0.4	1,957	312	1,116	357			
New Britain.....	13,984	8,041	2,426	2,076	8,843	23	16	17.3	39.1	53.2	0.2	3,854	603	4,703	620			
Norwich town.....	8,292	7,053	2,449	2,358	5,558	191	18	30.1	24.4	42.9	2.3	1,458	183	1,677	240			
Stamford town.....	8,947	8,848	3,149	1,659	3,979	96	24	35.2	19.0	44.6	1.1	1,480	326	1,739	428			
Stamford city.....	6,737	6,428	2,771	1,778	3,479	65	35	42.4	16.8	47.8	0.7	1,377	381	1,499	357			
Waterbury.....	22,801	15,558	6,085	4,965	12,463	252	36	22.3	21.8	54.7	1.1	4,662	593	6,998	608			
<b>Delaware</b>																		
Wilmington.....	27,519	23,187	13,253	4,511	6,764	2,981	20	48.2	16.4	24.5	10.8	2,872	620	2,671	691			
<b>Florida</b>																		
Jacksonville.....	10,392	8,183	7,490	881	1,308	9,652	61	38.8	4.5	6.7	49.8	887	69	276	376			
Tampa.....	11,691	4,939	3,574	750	4,407	2,926	34	38.0	6.4	3.7	25.0	919	178	2,765	548			
<b>Georgia</b>																		
Augusta.....	11,940	10,346	6,370	603	4,068	42	49.0	5.0	4.2	42.4	261	32	94	111				
Macon.....	11,647	6,083	5,333	340	381	4,988	5	50.9	2.9	3.3	42.8	161	21	72	127			
Savannah.....	19,557	15,994	6,929	1,829	1,709	9,962	28	32.4	7.8	8.7	50.9	938	121	357	293			
<b>Illinois</b>																		
Aurora.....	9,711	7,047	3,237	2,585	3,566	100	3	36.4	25.8	33.7	1.0	1,795	171	1,150	450			
Bloomington.....	8,009	6,828	4,512	1,907	1,612	272	6	32.6	23.8	20.1	3.4	1,162	53	137	270			
Danville.....	8,514	5,016	5,533	1,437	1,005	529	13	65.0	16.9	11.8	6.2	727	46	60	172			
DeKalb.....	9,368	6,957	3,766	1,649	1,127	253	4	27.7	15.9	23.6	0.7	1,023	58	476	275			
East St. Louis.....	12,007	9,841	8,930	4,041	5,729	2,286	19	42.5	19.2	27.3	10.9	1,613	374	2,701	1,041			
Elgin.....	7,910	6,353	2,788	2,404	2,651	66	11	35.2	30.4	33.5	0.7	1,038	127	280	636			
Joliet.....	11,477	8,932	2,426	2,771	5,877	195	8	21.1	25.9	31.2	1.7	2,453	284	2,671	429			
Peoria.....	23,054	15,104	11,482	6,248	4,661	644	19	49.8	27.1	20.2	2.8	2,698	191	1,920	852			
Quincy.....	11,388	10,276	4,785	4,230	1,807	555	11	42.0	37.1	15.9	4.9	1,342	21	51	393			
Rockford.....	15,014	8,856	5,497	3,333	7,102	74	8	30.0	22.2	47.3	0.5	4,094	625	1,922	591			
Springfield.....	16,090	9,913	7,747	3,952	3,336	1,021	14	49.1	24.0	20.9	6.3	1,940	242	454	729			
<b>Indiana</b>																		
Evansville.....	21,443	16,786	10,818	6,090	2,289	2,242	4	30.3	28.4	10.7	10.5	1,653	132	115	307			
Fort Wayne.....	19,678	12,993	9,702	5,964	3,783	215	12	40.3	30.3	12.2	1.1	2,459	363	316	447			
South Bend.....	16,566	10,402	6,584	2,950	6,787	225	20	39.7	17.8	41.0	1.4	2,226	2,434	1,309	815			
Terre Haute.....	18,609	11,989	12,533	5,075	2,057	906	18	67.5	16.5	11.1	4.9	1,080	164	229	884			
<b>Iowa</b>																		
Cedar Rapids.....	10,387	7,492	5,119	2,554	2,619	93	2	49.3	24.6	25.2	0.9	1,531	185	416	487			
Clinton.....	8,397	6,627	3,187	2,463	2,615	142	.....	38.0	29.2	31.1	1.7	1,697	98	540	289			
Council Bluffs.....	9,439	6,841	4,829	2,634	2,369	160	110	31.1	23.5	24.5	1.7	1,202	94	518	294			
Davenport.....	23,703	10,372	3,366	5,007	4,132	224	4	31.6	26.8	20.3	1.6	2,097	284	488	783			
Des Moines.....	17,309	15,811	12,976	5,088	5,231	1,043	21	48.4	18.6	19.1	3.8	2,807	280	983	1,251			
Dubuque.....	11,983	9,557	3,766	3,549	6,147	17	6	42.7	16.7	17.6	0.7	1,283	120	410	110			
Sioux City.....	16,832	10,082	2,224	3,801	2,781	122	12	47.7	24.4	34.1	0.7	2,468	459	1,381	1,063			
Waterloo.....	8,945	3,880	5,300	2,070	1,494	14	1	59.9	23.2	16.7	0.2	650	64	416	364			
<b>Kansas</b>																		
Kansas City.....	26,962	15,589	14,227	3,514	5,710	3,088	23	53.8	13.2	21.5	11.6	2,427	612	1,734	807			
Topeka.....	19,577	9,657	8,406	1,987	1,233	1,364	7	60.8	14.2	15.2	8.8	1,115	133	413	462			
Wichita.....	17,788	7,442	13,654	2,250	1,591	880	13	73.4	12.6	8.9	4.9	653	88	353	877			
<b>Kentucky</b>																		
Corington.....	15,855	11,598	7,065	5,082	1,885	961	12	49.4	32.6	12.1	6.2	1,435	88	88	294			
Lexington.....	11,081	7,719	6,498	692	509	3,379	3	58.6	6.2	4.6	30.5	330	22	78	79			
Newport.....	8,786	7,702	3,483	3,642	1,834	167	.....	39.6	41.0	17.5	1.9	1,099	86	190	249			
<b>Louisiana</b>																		
Shreveport.....	8,635	4,693	3,896	493	525	3,704	17	45.1	5.7	6.1	42.9	248	6	111	160			
<b>Maine</b>																		
Leiston.....	7,267	6,307	2,381	1,356	3,302	18	10	32.8	18.7	48.2	0.2	1,406	57	1,538	481			
Lewiston.....	18,447	15,433	10,208	3,094	5,923	80	42	55.3	16.8	27.2	0.4	2,222	552	1,811	783			
<b>Massachusetts</b>																		
Brockton.....	17,905	12,357	7,198	3,494	7,033	161	29	40.2	19.5	39.3	0.8	3,167	682	2,909	275			
Brookline town.....	7,346	5,339	3,424	1,543	2,307	30	22	46.6	21.0	31.4	0.7	1,274	138	1,274	138			
Chelsea.....	10,112	10,189	2,656	1,699	8,369	63	15	16.8	38.8	21.7	2.5	4,840	625	2,840	253			
Chicago.....	7,072	5,470	1,121	1,612	4,330	3	6	15.9	22.8	61.2	0.7	1,280	167	2,743	149			
Everett.....	9,561	7,048	3,499	1,808	4,085	204	15	36.1	18.9	42.7	2.1	2,228	294	1,930	200			
Hingham.....	11,027	9,102	4,933	3,338	5,953	20	11	20.9	19.3	53.8	0.2	1,050	282	3,180	412			
Haverhill.....	13,533	11,892	6,099	2,377	4,936	120	31	44.8	17.0	36.5	0.9	1,915	340	2,640	141			
Holyoke.....	15,528	11,791	2,239	3,806	9,239	10	16	14.4	24.5	60.9	0.1	3,765	418	6,415	639			
Lewiston.....	25,983	17,811	11,113	11,114	11,114	112	11	38.3	19.3	41.3	0.7	4,981	978	5,922	607			
Lynn.....	29,171	21,453	11,167	5,642	12,038	218	106	38.3	19.3	41.3	0.7	4,981	978	5,922	607			

1 Less than one-tenth of 1 per cent.

MALES 21 YEARS OF AGE AND OVER, WITH CITIZENSHIP OF FOREIGN-BORN WHITES. IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

CITY.	MALES 21 YEARS OF AGE AND OVER.										PER CENT OF TOTAL: 1910					FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910				
	Total.		Native white: 1910		Foreign-born white: 1910	Negro: 1910	Indian, Chinese, Japanese, and other: 1910	Native white.		Foreign-born white.	Negro.	Naturalized.	Having first papers.	Alien.	Citizenship not reported.					
	1910	1900	Native percentage.	Foreign or mixed percentage.				Native percentage.	Foreign or mixed percentage.											
<b>Massachusetts—Continued.</b>																				
Malden	12,218	17,466	4,379	2,295	5,404	119	20	35.8	18.3	44.2	1.0	2,941	536	1,739	188					
New Bedford	28,293	9,192	5,773	4,338	17,151	984	47	23.4	15.4	60.7	3.3	5,441	798	10,684	828					
Newton	10,817	9,265	4,615	2,011	4,061	100	30	42.7	18.6	37.5	0.9	1,829	310	1,689	233					
Pittsfield	10,236	6,187	3,398	2,838	3,176	169	26	38.5	29.2	30.0	1.0	1,549	135	1,333	139					
Quincy	9,820	6,916	2,787	1,997	4,996	15	25	28.4	20.5	50.9	0.2	2,367	527	1,922	180					
Salem	12,629	10,067	3,809	2,993	5,695	35	31	30.6	25.6	45.1	0.4	2,343	221	2,798	234					
Somerville	22,883	18,148	9,266	4,728	8,314	34	41	40.2	20.7	38.5	0.2	4,203	671	3,463	177					
Springfield	27,360	18,473	10,993	6,980	9,942	450	51	39.9	22.0	36.3	1.6	4,182	792	4,203	424					
Taunton	10,295	9,215	3,511	2,421	4,205	91	7	34.3	23.7	41.1	0.9	1,950	117	2,295	388					
Waltham	7,692	6,669	3,151	1,834	3,058	9	20	37.9	23.1	38.6	0.1	1,525	216	1,345	181					
<b>Michigan</b>																				
Battle Creek	8,429	5,798	5,959	1,396	1,259	197	8	65.1	16.6	14.9	2.3	570	64	324	301					
Bay City	12,634	7,299	3,900	4,476	5,213	62	3	23.7	34.6	41.2	0.5	4,009	262	634	308					
Flint	16,107	4,027	7,741	3,382	3,628	147	9	51.2	23.7	24.0	1.0	1,579	195	1,719	134					
Hickory	10,768	8,211	2,661	2,461	2,189	267	13	35.3	31.3	29.3	0.3	1,180	119	1,124	271					
Kalamazoo	12,883	7,491	6,814	2,602	3,149	264	9	51.7	21.1	25.0	2.0	1,505	134	719	791					
Lansing	10,727	4,664	6,322	2,100	2,006	113	6	63.0	19.6	18.6	1.1	1,029	137	610	230					
Saginaw	13,447	11,838	4,225	5,308	5,534	127	7	28.2	32.0	36.4	0.8	3,799	196	717	962					
<b>Minnesota</b>																				
Duluth	30,006	18,837	5,864	6,901	17,663	198	40	19.5	21.0	58.7	0.7	8,339	2,172	4,774	2,358					
<b>Missouri</b>																				
Joplin	9,921	8,300	8,131	973	525	282	5	82.0	9.9	5.3	2.8	350	18	53	104					
St. Joseph	26,651	34,374	15,735	4,401	4,281	1,698	16	60.6	16.9	16.4	6.1	2,296	305	905	764					
Springfield	10,516	6,469	8,183	1,107	638	583	11	77.9	10.5	6.1	5.5	364	16	31	227					
<b>Montana</b>																				
Butte	16,057	18,387	4,170	3,677	7,825	117	248	26.0	22.9	48.8	0.7	4,662	786	1,657	720					
<b>Nebraska</b>																				
Lincoln	13,923	12,528	8,122	3,359	3,101	302	12	58.3	17.1	22.3	2.2	1,872	803	610	316					
South Omaha	8,677	9,880	2,308	1,050	4,377	313	175	26.5	17.4	50.4	3.6	1,956	663	1,302	456					
<b>New Hampshire</b>																				
Manchester	19,730	15,995	4,768	3,444	11,498	12	19	24.2	17.5	58.2	0.1	4,566	447	4,845	1,633					
Nashua	7,763	9,706	2,672	1,338	3,748	5	5	34.4	17.2	48.3	0.1	1,190	75	2,199	284					
<b>New Jersey</b>																				
Atlantic City	15,626	9,368	7,056	1,745	2,966	3,756	70	45.2	11.2	21.0	24.0	1,170	312	822	692					
Beyone	16,456	9,308	2,478	3,009	10,109	166	34	16.7	20.6	61.0	1.0	3,364	719	5,290	736					
Caldwell	28,239	22,249	14,474	5,053	7,597	1,645	57	49.9	17.2	25.7	6.7	3,941	496	2,622	918					
East Orange	11,964	5,774	5,774	2,622	2,719	422	25	52.5	28.5	21.3	4.2	1,187	121	663	315					
Elizabeth	22,660	15,191	14,979	5,888	11,713	400	26	22.2	20.3	51.8	1.8	5,693	1,077	4,572	1,028					
Hoboken	22,326	17,099	3,138	5,539	18,562	39	42	14.1	24.8	60.8	0.2	5,796	1,447	5,238	1,081					
Orange	9,493	5,640	2,019	2,073	3,600	720	21	23.8	24.4	44.1	8.5	1,922	344	1,911	323					
Passaic	14,924	7,522	1,861	1,961	10,920	156	26	12.5	13.1	73.2	1.0	2,967	747	2,521	1,975					
Perth Amboy	9,994	5,792	1,416	1,315	7,201	50	11	14.2	13.2	72.1	0.5	2,231	459	3,918	568					
Trenton	31,203	22,110	11,629	6,479	15,483	1,124	33	37.2	17.6	41.5	3.6	5,233	943	4,766	1,006					
West Hoboken town	10,273	6,404	3,279	2,774	6,177	20	23	12.5	27.0	60.1	0.2	2,905	739	1,728	755					
<b>New York</b>																				
Amsterdam	9,591	6,009	1,001	1,799	4,601	33	7	31.9	18.3	49.4	0.3	1,808	252	2,210	391					
Auburn	11,949	10,084	4,876	3,000	3,788	213	13	40.8	23.6	31.7	1.8	1,743	299	1,680	156					
Binghamton	15,666	12,189	9,460	2,644	3,310	244	3	60.4	16.9	21.1	1.6	2,340	238	1,069	732					
Brooklyn	11,991	11,350	6,808	2,622	4,494	136	11	35.2	22.6	20.8	0.5	1,648	94	669	838					
Jamestown	10,023	6,738	3,201	1,747	5,035	39	11	31.9	17.1	50.0	0.4	2,741	483	1,065	796					
Kingston	7,558	6,804	3,769	2,003	1,887	197	2	49.9	20.5	21.0	2.0	855	82	305	149					
Long Beach	10,352	2,568	2,869	2,136	2,112	229	21	32.2	24.1	40.8	2.7	1,859	311	1,528	171					
New Rochelle	8,942	4,454	2,534	1,039	4,000	445	24	28.3	21.7	44.5	5.0	1,979	559	1,332	130					
Newburgh	9,471	7,056	3,925	2,166	2,241	189	10	40.6	24.9	26.5	2.2	1,169	169	650	457					
North Vernon	10,352	6,478	5,900	2,622	3,600	128	4	53.6	18.0	29.2	1.0	2,083	373	2,068	468					
Poughkeepsie	8,692	7,190	4,374	1,969	2,122	211	6	50.4	22.7	24.4	2.4	994	190	847	511					
Schenectady	25,073	11,043	10,490	4,767	9,562	85	59	41.8	19.3	38.1	0.3	3,856	741	4,071	819					
Troy	22,683	17,603	7,652	6,654	8,229	21	14	33.6	14.0	48.4	0.2	4,888	186	4,116	614					
Utica	22,679	16,216	9,027	6,000	9,341	135	1	30.4	27.3	41.2	0.6	4,236	542	2,662	811					
Watertown	8,384	6,782	4,077	1,673	2,798	30	6	47.5	19.3	32.6	0.3	1,050	131	1,255	362					
Yonkers	29,533	13,983	5,464	5,125	12,285	501	58	23.2	22.2	62.2	2.1	5,629	1,110	5,690	466					
<b>North Carolina</b>																				
Charlotte	9,025	4,557	5,820	162	240	2,801	2	64.5	11.8	21.3	21.0	100	28	51	61					
Wilmington	7,129	5,373	3,565	229	259	3,666	9	50.0	3.2	3.6	43.0	142	9	33	70					
<b>Ohio</b>																				
Akron	23,767	12,620	11,431	4,541	7,051	233	6	50.2	19.1	29.7	1.0	2,459	317	3,198	1,077					
Canton	16,874	8,118	8,548	3,178	5,010	129	9	54.7	18.8	29.7	0.8	2,003	203	2,575	227					
Hamilton	10,956	7,148	5,907	3,064	1,703	297	3	53.0	27.8	15.5	2.7	1,042	78	830	244					
Lima	9,376	6,439	6,832	1,301	818	329	4	72.9	14.8	8.7	3.5	170	24	117	307					
Lorain	10,177	5,825	2,368	1,446	6,216	121	2	23.5	14.2	61.1	1.2	1,406	459	3,818	743					
Massillon	9,336	5,451	5,618	1,238	1,236	117	7	67.4	16.2	14.8	1.4	359	45	636	305					
Springfield	15,361	11,780	9,193	2,760	1,662	1,735	11	39.8	18.9	10.8	11.3	918	388	294	459					
Youngstown	28,137	13,591	7,785	5,233	14,027	785	17	27.7	19.7	49.8	2.8	4,268	661	7,844	1,555					
Zanesville	8,698	6,857	3,983	1,438	839	424	4	68.8	16.4	9.9	4.9	348	27	286	108					
<b>Oklahoma</b>																				
Muskogee	8,808	1,321	5,363	575	344	2,464	62	60.9	6.5	3.9	25.0	117	12	60	165					
Oklahoma City	24,736	4,643	17,015	2,400	2,122	2,362	117	71.2	10.1	8.6	9.7	848	102	607	565					
<b>Pennsylvania</b>																				
Allentown	15,292	10,160	10,864	1,132	2,705	47	4	71.3	10.6	17.8	0.3	904	257	1,396	178					
Altoona	15,798	10,923	10,648	2,129	717	165	9	67.8	13.6	17.6	1.1	1,083	201	1,116	357					
Chester	12,326	7,095	4,908	2,320	1,472	1,615	17	39.8	18.8	28.2	18.1	1,167	106	1,828	405					
Easton	10,376	7,495	5,817	1,386	3,456	118	4	62.5	16.6	17.										

MALES 21 YEARS OF AGE AND OVER, WITH CITIZENSHIP OF FOREIGN-BORN WHITES, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

CITY.	MALES 21 YEARS OF AGE AND OVER.										PER CENT OF TOTAL: 1910				FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910		
	Total.		Native white:		Foreign-born white 1910	Negro 1910	Indian, Chinese, Japanese, and all other 1910	Native white.				Naturalized.	Having first papers.	Alien.	Citizenship not reported.		
	1910	1900	Native par- tage.	Foreign or mixed par- tage.				Native par- tage.	Foreign or mixed par- tage.	Foreign-born white.	Negro.						
Pennsylvania—Continued.																	
Hazleton.....	6,724	3,656	1,719	2,014	2,972	11	8	23.6	30.0	44.2	0.2	1,457	119	1,154	242		
Johnstown.....	18,908	10,968	6,709	2,672	9,225	185	17	35.7	14.2	48.0	1.0	1,621	190	6,851	967		
Lancaster.....	15,492	11,528	9,555	2,181	1,473	275	8	70.8	16.2	10.9	2.0	1,028	68	318	57		
McKeesport.....	12,840	9,812	3,768	2,265	6,551	248	8	29.2	17.6	51.0	1.0	2,548	410	3,196	397		
New Castle.....	11,822	8,813	5,218	1,984	4,707	189	14	45.0	15.5	39.8	1.6	1,326	292	2,800	289		
Northampton borough.....	9,819	6,714	3,549	1,661	1,091	311	11	60.0	18.4	21.6	0.0	477	80	437	33		
Reading.....	29,411	22,516	21,506	2,707	4,528	295	5	74.1	9.3	15.6	1.0	1,430	214	2,675	290		
Shenandoah borough.....	8,028	6,449	851	1,189	5,942	260	1	11.0	14.9	74.0	(1)	1,720	294	3,692	206		
Wilkes-Barre.....	18,391	15,587	5,656	5,129	7,980	246	1	28.1	37.1	41.7	1.3	3,754	396	3,108	641		
Williamsport.....	9,214	7,782	6,148	1,653	1,153	259	1	66.7	17.9	12.5	2.8	723	69	227	134		
York.....	13,331	9,492	10,964	1,163	829	373	2	82.2	8.7	6.2	2.8	508	40	215	66		
Rhode Island																	
Newport.....	8,648	6,811	3,105	2,113	2,925	480	25	35.9	24.4	33.8	5.6	1,672	310	682	261		
Pawtucket.....	15,061	11,075	3,369	4,078	7,323	68	26	22.3	27.1	50.0	0.5	4,017	562	2,201	743		
Warwick town.....	7,636	5,901	3,582	1,661	3,736	58	4	30.0	20.4	48.8	0.8	1,581	106	1,514	325		
Woonsocket.....	10,422	7,363	1,432	2,433	6,540	7	10	13.7	23.3	62.8	0.1	2,490	266	3,853	631		
South Carolina																	
Charleston.....	16,107	14,167	5,477	1,454	1,282	7,851	13	34.0	9.0	8.0	48.9	678	92	258	257		
Chattahoochee.....	7,605	5,949	4,110	191	227	3,076	1	54.0	2.5	3.0	40.4	103	3	63	58		
Tennessee																	
Chattanooga.....	14,299	9,133	7,262	645	690	5,700	2	59.8	4.5	4.8	39.9	361	51	94	184		
Knoxville.....	10,591	9,015	7,429	484	380	2,297	1	70.1	4.6	3.6	21.7	193	13	50	124		
Texas																	
Austin.....	8,612	6,227	4,489	947	1,240	1,929	7	52.1	11.0	14.4	22.4	583	26	107	464		
Dallas.....	29,864	12,843	18,474	2,527	2,811	5,300	22	32.3	8.5	9.4	19.3	1,504	134	862	710		
El Paso.....	11,791	5,032	5,908	1,390	4,640	196	217	42.1	11.8	39.4	4.1	988	201	2,445	1,006		
Fort Worth.....	25,192	8,323	16,201	1,776	2,541	4,513	62	64.7	7.0	10.1	17.9	963	37	849	632		
Galveston.....	12,753	11,097	3,584	2,966	3,953	2,654	46	28.1	23.3	27.5	20.8	1,862	480	699	262		
Houston.....	25,985	18,816	11,853	3,352	3,466	7,240	24	44.7	12.9	13.9	27.9	1,754	293	746	727		
San Antonio.....	27,979	14,499	11,941	5,700	7,354	2,917	67	62.7	20.4	26.3	10.4	3,114	272	2,228	1,745		
Waco.....	7,373	5,641	4,582	484	656	1,636	17	62.1	6.6	8.9	22.2	387	27	72	170		
Utah																	
Ogden.....	7,680	4,082	2,879	2,210	2,103	110	110	378	37.5	28.8	27.4	1.4	1,130	141	518	314	
Salt Lake City.....	28,640	13,639	10,471	8,663	8,675	309	462	36.6	30.2	30.3	1.3	4,335	908	1,990	1,892		
Virginia																	
Lynchburg.....	7,848	4,509	1,246	217	250	2,232	3	65.6	2.8	3.2	28.4	130	15	83	22		
Norfolk.....	20,807	13,968	10,321	963	1,820	7,864	49	49	8.9	4.6	8.7	37.6	931	151	565	173	
Portsmouth.....	10,633	8,591	5,872	240	694	5,394	13	55.3	7.7	5.7	31.9	384	55	75	125		
Roanoke.....	10,144	8,791	7,289	271	414	2,666	4	72.8	8.7	4.1	30.4	212	20	117	55		
Washington																	
Tacoma.....	32,910	14,005	13,791	5,644	12,191	361	933	41.9	17.1	37.0	1.1	5,808	1,171	3,544	1,668		
West Virginia																	
Huntington.....	9,349	3,385	2,781	412	394	752	10	84.2	4.4	3.3	8.0	175	12	43	74		
Wheeling.....	12,822	11,122	7,843	3,827	2,679	461	7	54.8	30.6	20.9	5.6	1,113	95	743	428		
Wisconsin																	
Green Bay.....	6,884	4,766	1,459	3,319	2,078	14	14	21.2	48.2	30.2	0.2	1,524	206	131	213		
La Crosse.....	8,729	7,577	2,169	5,287	2,965	18	18	24.7	41.1	34.0	0.2	1,759	324	276	496		
Madison.....	7,826	6,708	2,882	3,821	2,165	47	7	45.0	38.1	29.0	0.0	1,178	178	328	252		
Oshkosh.....	9,440	7,513	2,229	3,582	3,988	27	8	23.0	37.9	38.1	0.3	2,106	519	419	554		
Escane.....	12,473	8,283	2,165	6,120	6,590	42	4	17.3	29.5	52.8	0.3	2,344	1,715	2,011	530		
Sheboygan.....	7,907	6,044	751	2,695	359	71	5	54.8	7.6	5.4	31.2	801	71	911	382		
Superior.....	15,378	11,320	8,853	3,206	8,301	68	50	25.1	20.8	53.3	0.4	3,735	1,823	2,220	923		

<sup>1</sup> Less than one-tenth of 1 per cent.

**Citizenship of foreign-born white males.**—Statistics as to the citizenship of foreign-born white males 21 years of age and over, as enumerated in 1910, are given in Table 40. Of the 6,646,817 foreign-born white males 21 years of age and over in the United States in 1910, 45.6 per cent were reported as naturalized, 8.6 per cent as having taken out their first naturalization papers, and 34.1 per cent as aliens, while for 11.7 per cent no report as to citizenship was secured. As already stated, it is probable that much the larger proportion of this last group are aliens. Nevertheless, on account of the marked variations in the relative numbers of those for whom there were no reports regarding citizenship in the different states and geographic divisions, comparisons of the percentages for those naturalized, those having first papers, and aliens are somewhat unsatisfactory.

It is evident, however, that in those geographic divisions in which a large part of the foreign-born population consists of recent immigrants—notably the New England, Middle Atlantic, South Atlantic, Mountain, and Pacific divisions—the proportion of the foreign-born white males of 21 years and over who are naturalized is much lower than in the divisions which have a relatively smaller proportion of recent immigrants, particularly the East North Central and West North Central. Many of these immigrants have been here but a short time to become naturalized. Among the states West Virginia had the lowest proportion naturalized (20.9 per cent), Arizona and Maine coming next. The proportion naturalized exceeded three-fifths in Kentucky, Iowa, Nebraska, and Minnesota. Among the geographic divisions the Middle Atlantic had the lowest percentage naturalized (38.7).

Table 10 FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER, 1910

DIVISION AND STATE.	Naturalized.		Having first papers.		Alien.		Citizenship not reported.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
<b>United States</b> .....	<b>3,084,117</b>	<b>45.6</b>	<b>5,770,772</b>	<b>8.6</b>	<b>2,396,535</b>	<b>34.1</b>	<b>775,393</b>	<b>11.7</b>
<b>GEOGRAPHIC DIVS.:</b>								
New England.....	323,994	40.7	48,508	6.1	366,161	45.9	58,184	7.3
Middle Atlantic.....	879,348	38.1	2,022,012	8.9	985,101	42.9	225,810	9.9
East North Central.....	812,489	31.6	1,485,294	9.4	426,278	27.1	138,322	11.8
West North Central.....	510,918	58.8	76,934	8.8	144,177	16.6	137,379	15.8
South Atlantic.....	61,134	46.6	8,897	6.0	57,127	37.9	23,407	13.5
East South Central.....	25,865	56.0	2,220	8.8	8,947	18.7	4,486	20.0
West South Central.....	70,765	44.1	21,071	5.9	52,539	30.7	38,251	22.2
Mountain.....	113,670	44.1	23,219	9.0	88,419	33.2	35,928	12.6
Pacific.....	235,844	46.4	50,537	9.9	1,672,672	31.6	481,325	17.1
<b>NEW ENGLAND:</b>								
Maine.....	14,994	30.9	1,490	3.1	20,678	48.8	8,308	17.0
New Hampshire.....	16,415	39.1	1,421	3.4	19,377	46.2	4,743	11.3
Vermont.....	10,811	45.5	1,164	4.9	14,852	40.8	2,132	9.0
Massachusetts.....	189,126	41.7	30,016	6.6	212,633	47.7	22,426	4.9
Rhode Island.....	32,409	42.2	5,314	7.0	31,991	42.2	6,549	8.6
Connecticut.....	60,608	39.6	9,103	5.9	69,441	45.2	14,020	9.2
<b>MIDDLE ATLANTIC:</b>								
New York.....	502,083	41.1	1,031,085	7.7	475,259	39.4	112,856	9.2
New Jersey.....	128,438	41.6	24,611	7.9	122,076	39.4	34,623	11.2
Pennsylvania.....	248,827	33.6	46,416	6.3	307,769	49.6	78,001	10.6
<b>E. NORTH CENTRAL:</b>								
Ohio.....	142,465	46.2	17,309	5.7	113,836	36.9	34,648	11.4
Indiana.....	42,535	47.8	15,230	15.0	71,354	23.6	14,720	18.6
Illinois.....	317,339	32.5	43,482	7.2	174,881	28.9	122,122	11.2
Michigan.....	167,304	55.4	26,235	8.7	76,530	23.2	32,088	10.6
Wisconsin.....	142,848	33.1	47,708	17.7	42,997	13.9	35,744	13.3
<b>W. NORTH CENTRAL:</b>								
Minnesota.....	170,187	60.1	26,222	8.2	58,122	19.3	34,741	11.6
Iowa.....	90,573	61.7	6,654	4.5	27,133	13.8	29,375	20.0
Missouri.....	55,612	54.0	10,117	8.3	25,838	21.3	19,540	16.3
Nebraska.....	46,436	43.6	8,824	12.3	19,938	13.8	12,266	15.4
South Dakota.....	32,495	59.6	6,820	14.7	4,376	9.0	9,637	17.7
Nbraska.....	39,470	60.7	9,924	10.5	12,347	13.1	14,984	15.7
Montana.....	57,134	52.7	6,172	8.3	12,947	14.3	16,938	22.7
<b>SOUTH ATLANTIC:</b>								
Delaware.....	3,707	42.2	658	7.5	3,189	39.3	1,222	13.9
Maryland.....	24,256	50.6	3,278	6.8	13,373	29.3	6,866	14.9
District of Columbia.....	6,474	55.2	1,038	9.0	2,304	19.6	1,902	16.2
Virginia.....	6,411	43.1	859	5.8	4,093	31.3	2,919	19.6
West Virginia.....	7,293	29.9	1,338	3.9	22,545	65.0	3,521	10.2
North Carolina.....	1,439	43.7	194	5.9	827	25.1	836	25.4
South Carolina.....	1,602	47.7	184	5.5	739	22.0	830	24.7
Georgia.....	4,623	47.8	625	7.3	1,846	21.7	2,019	23.7
Florida.....	5,936	54.2	783	4.5	4,711	42.2	3,292	18.9
<b>E. SOUTH CENTRAL:</b>								
Kentucky.....	13,222	64.7	815	4.0	7,254	32.5	3,646	17.8
Tennessee.....	5,444	43.8	464	4.6	1,767	18.5	2,337	23.1
Alabama.....	4,841	60.0	684	6.5	2,937	26.2	2,203	20.9
Mississippi.....	2,445	46.7	257	4.9	1,233	23.6	1,930	24.8
<b>W. SOUTH CENTRAL:</b>								
Arkansas.....	5,284	54.4	595	6.1	1,388	14.3	2,451	25.2
Louisiana.....	10,024	37.8	1,166	4.4	4,131	34.5	6,178	23.3
Oklahoma.....	12,674	51.3	1,477	6.3	9,449	18.9	5,351	23.6
Texas.....	43,383	38.6	8,935	6.1	37,965	33.8	24,071	21.5
<b>MOUNTAIN:</b>								
Montana.....	27,635	46.6	6,749	11.4	16,937	28.6	7,992	13.5
Idaho.....	12,817	49.6	2,478	9.6	6,215	24.0	4,334	16.8
Wyoming.....	6,877	37.4	1,837	10.0	8,125	44.5	1,964	7.7
Colorado.....	28,245	50.0	6,836	9.3	19,015	27.8	9,118	12.9
New Mexico.....	4,207	34.1	709	5.7	6,048	48.4	1,478	11.8
Arizona.....	5,912	23.0	1,113	4.3	11,574	56.7	4,083	15.9
Utah.....	18,351	47.0	4,315	7.4	9,636	24.9	5,393	18.1
Nevada.....	5,606	35.9	1,282	10.0	4,479	35.1	1,400	11.0
<b>PACIFIC:</b>								
Washington.....	68,895	46.8	15,258	10.4	43,202	29.3	19,869	13.5
Oregon.....	29,679	46.2	7,501	11.9	37,402	27.3	9,713	14.4
Idaho.....	157,274	46.2	27,708	9.3	99,840	33.6	32,443	10.0

Table 11 gives statistics as to the citizenship of the foreign-born white males 21 years of age and over in 1910 for cities having 100,000 inhabitants or more. For cities of 25,000 to 100,000 inhabitants statistics are given in Table 39, page 114.

Table 11 FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER, 1910

CITY.	Naturalized.		Having first papers.		Alien.		Citizenship not reported.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Albany, N. Y.....	4,827	58.9	462	5.6	1,861	20.3	1,242	15.2
Atlanta, Ga.....	1,011	44.2	190	8.4	956	24.7	518	22.6
Baltimore, Md.....	16,443	49.5	2,664	7.9	9,509	28.4	4,772	14.2
Birmingham, Ala.....	1,179	40.0	186	6.3	839	28.5	740	25.1
Boston, Mass.....	47,791	46.3	10,438	10.1	40,516	39.3	4,415	4.3
Bridgeport, Conn.....	6,563	38.3	1,038	6.1	8,136	47.6	1,377	8.0
Buffalo, N. Y.....	29,409	32.2	2,139	7.7	16,255	28.9	3,354	11.3
Cambridge, Mass.....	7,162	48.9	1,189	8.1	5,866	40.9	419	2.9
Chicago, Ill.....	190,650	50.2	31,585	8.3	124,533	32.8	31,019	8.7
Cincinnati, Ohio.....	17,253	64.6	1,733	6.3	6,250	23.1	1,487	5.6
Cleveland, Ohio.....	40,482	42.9	7,890	8.3	40,221	42.6	5,907	6.3
Columbus, Ohio.....	4,433	32.5	414	4.9	2,349	27.7	1,271	15.0
Dayton, Ohio.....	3,451	47.3	326	5.4	2,964	40.6	492	6.7
Denver, Colo.....	10,959	57.1	2,102	10.9	5,801	19.8	2,342	12.2
Detroit, Mich.....	32,891	45.7	7,271	9.7	28,733	38.1	6,428	8.5
Fall River, Mass.....	8,368	41.5	732	3.6	10,594	32.5	487	2.4
Grand Rapids, Mich.....	1,016	7.4	3,001	24.1	1,614	11.8	1,614	11.8
Indianapolis, Ind.....	6,088	5.8	1,189	11.4	1,795	17.2	3,357	23.0
Jersey City, N. J.....	16,546	43.9	3,667	8.1	14,409	38.2	3,640	9.0
Kansas City, Mo.....	6,953	53.5	899	6.8	2,964	19.6	2,684	20.5
Los Angeles, Cal.....	14,097	47.7	2,730	9.2	8,622	29.3	4,087	13.8
Louisville, Ky.....	5,704	68.4	380	4.6	1,152	13.8	1,008	12.2
Lowell, Mass.....	7,028	38.6	426	2.0	9,897	54.4	839	4.6
Memphis, Tenn.....	1,964	48.9	197	5.8	3,003	29.7	734	12.1
Minneapolis, Minn.....	2,622	62.0	5,427	12.0	10,905	22.8	5,963	13.2
Nashville, Tenn.....	951	66.3	80	5.6	170	11.8	234	17.5
New Haven, Conn.....	8,428	45.0	1,426	7.4	7,033	43.1	1,447	7.5
New Orleans, La.....	6,158	43.4	599	4.6	5,793	27.6	6,604	22.6
New York, N. Y.....	318,091	34.8	106,323	12.9	339,473	41.0	64,704	7.8
Manhattan Bor.....	144,847	32.7	38,661	12.7	215,777	46.1	49,961	8.9
Bronx Borough.....	35,148	48.5	8,848	12.9	29,970	30.6	6,670	8.7
Brooklyn Borough.....	20,145	46.6	9,897	17.6	14,453	25.7	6,604	10.9
Queens Borough.....	21,019	61.8	3,845	10.9	11,689	38.9	2,594	6.2
Richmond Bor.....	6,577	44.9	806	7.6	4,116	34.4	1,016	8.5
Newark, N. J.....	21,427	43.1	4,808	10.0	19,204	38.7	4,601	8.2
Oakland, Cal.....	10,237	32.6	2,004	10.8	5,866	29.9	1,025	8.8
Omaha, Neb.....	7,079	51.3	2,163	15.3	2,868	20.8	1,738	12.6
Paterson, N. J.....	9,817	48.6	1,367	6.9	6,029	29.9	2,949	14.6
Philadelphia, Pa.....	69,415	45.1	15,533	9.3	63,156	37.8	18,898	11.4
Pittsburgh, Pa.....	28,797	41.1	3,555	7.6	28,439	40.5	7,537	10.7
Portland, Ore.....	11,231	44.6	1,038	12.1	7,097	28.1	3,824	15.2
Providence, R. I.....	12,988	39.9	2,815	8.6	14,910	45.4	2,150	6.5
Richmond, Va.....	943	46.2	123	6.0	803	24.7	471	21.1
Rochester, N. Y.....	13,000	48.0	2,947	10.9	8,361	30.9	2,756	10.2
St. Louis, Mo.....	33,681	52.1	7,649	11.1	15,918	25.1	7,392	11.7
St. Paul, Minn.....	17,071	38.8	2,566	8.9	9,576	19.2	3,815	13.1
San Francisco, Cal.....	36,375	40.0	10,681	14.1	21,872	28.9	6,840	9.0
Saraton, Pa.....	7,830	45.4	964	5.5	6,801	38.9	1,769	10.1
Seattle, Wash.....	16,438	45.5	3,068	8.5	11,474	31.8	5,117	14.2
Spokane, Wash.....	5,465	44.4	1,374	11.1	3,451	27.9	1,069	7.6
Syracuse, N. Y.....	7,636	47.1	822	5.8	4,715	31.6	2,331	15.6
Toledo, Ohio.....	8,752	55.3	724	4.6	4,308	27.2	2,642	12.9
Washington, D. C.....	6,474	55.2	1,058	9.6	2,304	19.6		

## FEMALES 21 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 42 DIVISION AND STATE.	Total females 21 years of age and over.	WHITE.										FOREIGN-BORN WHITE.		NEGRO.		Indian.	Chi- nese, Japane- se, and all other.
		WHITE.		NATIVE WHITE.				FOREIGN-BORN WHITE.				NEGRO.					
		Number.	Per cent of total.	Native percentage.		Foreign or mixed percentage.		Number.		Per cent of total.		Number.	Per cent of total.				
United States.....	24,556,784	22,029,236	89.8	12,484,481	56.8	4,567,647	18.6	5,007,108	20.4	2,427,742	9.9	60,189	5,807				
GEOGRAPHIC DIVISIONS:																	
New England.....	2,043,998	2,021,540	98.9	841,264	41.2	428,673	21.0	781,603	36.8	21,822	1.1	573	63				
Middle Atlantic.....	5,608,188	5,466,123	97.4	2,377,232	42.4	1,274,238	22.7	1,812,603	32.3	142,110	2.5	1,690	260				
East North Central.....	5,133,680	4,906,024	95.6	2,616,036	49.0	1,340,723	26.1	1,179,805	23.0	92,698	1.8	4,278	80				
West North Central.....	3,665,774	2,925,305	79.3	1,538,145	51.2	776,397	25.8	608,763	20.3	72,278	2.4	10,135	56				
South Atlantic.....	3,097,118	2,636,590	85.1	1,809,235	60.2	128,998	4.2	1,000,357	33.3	969,575	32.2	1,904	49				
West South Central.....	2,087,054	1,390,548	66.3	1,283,045	63.0	74,876	3.7	32,927	1.6	645,697	31.7	708	11				
Mountain.....	1,987,700	1,501,766	75.7	1,245,132	62.6	142,047	7.1	117,587	5.9	497,795	25.5	15,182	67				
Pacific.....	614,736	599,116	97.4	350,883	57.2	138,205	22.5	130,928	21.3	6,686	1.1	17,513	421				
.....	1,117,436	1,092,324	97.5	585,409	52.5	266,449	23.8	272,475	24.4	9,076	0.8	8,436	7,600				
NEW ENGLAND:																	
Maine.....	225,736	225,107	99.7	156,663	69.4	25,589	11.3	42,855	19.0	401	0.2	228	.....				
New Hampshire.....	128,372	128,187	99.9	78,294	57.9	19,004	14.0	37,788	27.9	176	0.1	9	.....				
Vermont.....	106,883	106,695	99.7	67,945	63.6	20,234	18.9	18,419	17.2	277	0.3	9	.....				
Massachusetts.....	1,074,485	1,041,622	96.8	363,038	33.8	246,339	22.9	452,028	42.1	12,648	1.2	192	43				
Rhode Island.....	335,391	335,120	98.0	49,955	30.0	40,305	24.2	72,860	43.8	5,178	1.9	86	7				
Connecticut.....	1,068,131	829,926	98.4	125,272	37.4	77,002	23.0	127,632	38.1	5,142	1.5	502	193				
MIDDLE ATLANTIC:																	
New York.....	2,257,621	2,060,623	91.3	927,995	33.7	710,145	25.8	1,098,383	38.7	49,300	1.8	1,502	16				
New Jersey.....	736,669	706,728	95.9	298,821	39.2	165,074	22.5	251,833	34.2	29,866	4.1	26	30				
Pennsylvania.....	2,114,068	2,050,572	97.0	1,160,416	54.9	398,009	18.8	492,387	23.3	62,949	3.0	182	25				
EAST NORTH CENTRAL:																	
Ohio.....	1,998,341	1,364,611	67.6	830,354	59.4	314,929	22.5	219,328	15.7	33,683	2.4	33	14				
Indiana.....	770,658	752,208	97.6	577,899	75.0	117,643	15.3	56,666	7.4	18,386	2.4	61	3				
Illinois.....	1,567,491	1,533,014	97.8	647,697	41.3	421,178	26.9	464,139	29.6	34,372	2.2	56	49				
Michigan.....	786,033	778,874	99.1	319,537	40.7	224,713	28.6	234,624	29.8	5,318	0.7	1,833	8				
Wisconsin.....	611,157	607,917	99.5	140,549	23.0	262,260	42.9	205,108	33.6	939	0.2	2,295	6				
WEST NORTH CENTRAL:																	
Minnesota.....	512,411	508,195	99.2	111,088	21.7	192,518	37.6	294,589	39.9	2,061	0.4	2,146	9				
Iowa.....	806,144	809,442	99.3	315,389	52.2	175,267	29.0	168,786	18.0	4,124	0.7	73	5				
Missouri.....	693,522	647,997	94.6	588,496	65.7	171,954	19.2	87,547	9.8	48,057	5.4	81	17				
North Dakota.....	122,406	120,780	98.7	29,600	24.2	37,987	31.0	83,193	43.5	158	0.1	1,468	.....				
South Dakota.....	134,187	128,772	96.0	48,349	36.0	43,530	32.4	36,893	27.5	220	0.2	5,183	7				
Nebraska.....	298,940	294,849	98.9	146,445	49.2	79,569	26.7	66,635	23.0	2,369	0.8	806	16				
Kansas.....	428,054	423,270	96.4	298,578	68.0	155,272	17.2	49,120	11.2	15,289	3.5	373	2				
SOUTH ATLANTIC:																	
Delaware.....	55,442	50,160	85.8	37,070	63.4	6,573	11.2	6,517	11.2	8,281	14.2	1	.....				
Maryland.....	373,819	309,897	82.9	209,793	56.1	56,820	15.2	43,284	11.6	63,899	17.1	12	11				
District of Columbia.....	116,148	81,662	70.3	85,194	47.5	16,118	13.9	10,350	8.9	34,449	29.7	22	15				
Virginia.....	518,473	353,516	68.2	335,607	64.7	9,533	1.8	8,376	1.6	164,844	31.8	110	3				
West Virginia.....	284,969	270,298	94.9	241,703	84.8	15,872	5.6	12,723	4.5	14,667	5.1	3	1				
North Carolina.....	519,475	358,583	69.0	354,416	68.2	2,316	0.4	1,881	0.4	159,236	30.7	1,655	1				
South Carolina.....	343,938	162,625	47.3	156,965	45.6	3,877	1.0	2,083	0.6	181,264	52.7	65	4				
Georgia.....	613,149	343,187	56.0	330,779	33.9	7,579	1.2	4,829	0.8	269,937	44.0	20	5				
Florida.....	178,685	105,662	59.1	87,708	49.1	7,610	4.3	10,344	5.8	72,998	40.9	16	9				
EAST SOUTH CENTRAL:																	
Kentucky.....	579,756	506,299	87.3	441,093	76.1	47,716	8.2	17,490	3.0	73,413	12.7	43	1				
Tennessee.....	542,408	419,646	77.4	400,705	73.9	12,485	2.3	6,455	1.2	122,707	22.6	54	1				
Alabama.....	501,939	284,116	56.6	269,397	53.7	8,602	1.7	6,117	1.2	217,676	43.4	167	.....				
Mississippi.....	412,941	180,787	43.8	171,849	41.6	6,073	1.5	2,865	0.7	231,901	56.2	244	9				
WEST SOUTH CENTRAL:																	
Arkansas.....	351,994	248,964	70.7	234,232	66.5	9,140	2.6	5,592	1.6	102,917	29.2	112	1				
Louisiana.....	395,354	222,473	56.3	166,066	42.0	37,276	9.4	19,131	4.8	172,711	43.7	149	21				
Oklahoma.....	386,194	311,266	80.4	276,301	71.6	22,208	6.2	17,787	3.6	30,208	8.5	14,718	2				
Texas.....	884,218	722,063	81.7	568,533	64.3	73,423	8.3	89,107	9.1	161,959	18.3	153	43				
MOUNTAIN:																	
Montana.....	81,741	78,231	95.8	34,086	41.7	20,289	24.8	23,956	29.3	533	0.7	2,814	46				
Idaho.....	60,818	68,543	98.2	40,258	57.7	17,045	24.4	11,242	16.1	187	0.3	1,681	57				
Wyoming.....	28,840	27,332	94.8	15,648	34.3	6,209	21.5	6,075	21.1	494	1.7	376	28				
Colorado.....	213,425	209,165	98.0	122,780	37.5	43,606	20.4	42,810	20.1	3,841	1.8	284	85				
New Mexico.....	73,182	68,276	93.3	56,719	77.5	5,494	7.5	6,043	8.3	441	0.6	4,424	11				
Arizona.....	43,891	36,885	84.0	17,337	39.5	7,475	17.0	12,073	27.5	635	1.4	6,329	42				
Utah.....	85,729	84,588	98.7	26,838	31.3	32,901	38.4	24,849	29.0	313	0.4	747	81				
Nevada.....	18,140	16,366	90.2	7,317	40.2	5,189	28.6	3,560	21.3	206	1.1	1,011	61				
PACIFIC:																	
Washington.....	277,727	171,828	97.9	141,269	80.9	69,732	21.5	70,836	25.5	1,697	0.6	2,904	1,298				
Oregon.....	168,223	165,191	98.2	104,149	61.9	32,273	19.2	29,769	17.7	443	0.3	1,323	366				
California.....	671,356	654,305	97.5	308,000	45.9	174,453	26.0	171,870	25.6	8,906	1.0	4,299	5,966				

MALES OF MILITIA AGE—18 TO 44 YEARS.

Men from 18 to 44 years of age, inclusive, are subject to militia duty under the laws of most states, and represent substantially the theoretical fighting strength of the country in case of war. Table 43 gives, by divisions and states, the total number of males of this class in 1910 and in 1900, with a further classification of the number in 1910 according to color or race, nativity, and parentage.

age in 1910 was 20,473,684, constituting 22.3 per cent of the total population of the country and 43.3 per cent of the total male population. Males of this age in 1900 constituted 21.3 per cent of the total population and 41.7 per cent of the total number of males. In 1910, 48.7 per cent of the males 18 to 44 years of age were native whites of native parentage, 19.1 per cent native whites of foreign or mixed parentage, 21.8 per cent native foreign-born whites, and 9.7 per cent negroes.

The total number of males from 18 to 44 years of

MALES FROM 18 TO 44 YEARS OF AGE, BY DIVISIONS AND STATES: 1910 AND 1900.

DIVISION AND STATE.	TOTAL MALES 18 TO 44 YEARS OF AGE, INCLUSIVE.						NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.			Indian, Chinese, Japanese and all other: 1910
	1910		1900		Increase: 1900-1910		Per cent of population.		Native parentage.		Foreign or mixed parentage.		1910		1900		1900		
	Number.	Per cent.	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	
United States.....	20,473,684	16,182,702	4,290,982	26.5	22.3	21.3	9,978,900	8,014,406	3,901,682	3,306,336	4,471,688	3,068,069	1,935,411	1,680,052	136,339				
<b>GEOGRAPHIC DIVISIONS:</b>																			
New England.....	1,458,900	1,236,976	221,924	17.9	22.3	22.1	500,616	490,420	356,428	298,312	581,385	429,658	17,325	14,770	2,946				
New England.....	1,458,900	1,236,976	221,924	17.9	22.3	22.1	500,616	490,420	356,428	298,312	581,385	429,658	17,325	14,770	2,946				
Maine.....	242,459	246,909	4,450	1.8	2.5	22.2	1,797,717	1,429,231	1,011,550	955,938	1,705,321	1,154,940	88,818	430	8,904				
New Hampshire.....	641,641	661,641	20,000	16.6	22.5	21.6	1,940,295	1,653,859	1,108,243	990,040	909,430	796,260	81,757	67,013	9,743				
Vermont.....	2,612,095	2,396,129	215,966	18.0	22.4	21.7	1,313,578	1,123,999	747,115	603,977	453,687	416,212	56,051	50,916	1,136				
Massachusetts.....	2,405,885	1,979,974	425,911	17.7	20.4	21.7	1,429,103	1,161,974	801,022	703,022	103,838	103,348	30,022	19,467	12,566				
Rhode Island.....	1,627,471	1,431,419	196,052	13.7	19.4	19.0	1,042,804	901,791	50,972	60,191	23,382	29,733	510,962	457,976	721				
Connecticut.....	1,813,018	1,286,476	526,542	40.9	20.6	19.7	1,166,405	783,230	129,943	100,462	101,689	74,351	101,043	315,706	14,048				
New Jersey.....	214,142	272,616	58,474	27.3	21.1	20.4	73,911	72,168	64,228	56,622	113,957	111,536	7,011	5,673	2,425				
Pennsylvania.....	1,196,947	684,091	512,856	88.8	28.6	26.2	528,277	270,672	258,590	149,547	333,622	159,745	9,350	1,122	67,738				
<b>MIDDLE ATLANTIC:</b>																			
New York.....	2,156,391	1,639,395	516,996	31.5	23.7	22.6	654,721	544,138	558,652	507,552	897,977	583,934	39,488	26,588	5,913				
New Jersey.....	397,513	422,758	25,245	6.3	23.5	22.2	205,616	199,853	169,241	168,241	228,195	192,994	17,628	17,628	24				
Pennsylvania.....	1,788,619	1,405,916	382,703	21.4	23.3	22.3	846,970	724,531	312,616	287,139	574,707	337,862	52,453	44,202	1,873				
<b>EAST NORTH CENTRAL:</b>																			
Ohio.....	1,076,928	938,327	138,601	26.6	22.6	21.5	621,653	523,276	222,920	202,440	302,580	118,997	29,969	23,644	6,325				
Indiana.....	480,557	530,615	49,942	9.4	21.6	21.1	431,507	389,203	81,539	86,612	61,687	31,635	15,620	14,147	204				
Illinois.....	1,236,556	1,091,472	145,084	21.9	23.6	22.6	527,411	485,457	357,415	315,894	402,334	294,258	31,702	24,671	1,622				
Michigan.....	616,728	516,802	99,927	16.3	21.9	21.8	335,221	197,298	196,457	174,528	173,529	157,108	4,459	3,768	1,633				
Wisconsin.....	497,922	425,825	72,097	19.9	21.3	20.6	124,443	88,665	236,797	199,923	133,928	134,751	7,174	7,169	1,969				
<b>WEST NORTH CENTRAL:</b>																			
Minnesota.....	491,113	399,734	91,379	22.9	23.7	22.8	100,907	81,312	204,803	149,863	171,816	165,140	2,743	1,722	1,784				
Iowa.....	475,829	445,760	30,069	6.3	21.4	21.3	249,216	245,701	163,168	149,669	69,160	79,470	4,011	3,473	277				
Missouri.....	271,104	662,928	391,824	142.7	21.9	21.3	483,258	434,873	133,421	130,835	63,024	62,883	4,141	37,949	940				
North Dakota.....	145,628	80,191	65,437	8.1	29.3	25.1	27,462	16,882	61,847	19,639	59,217	42,484	509	1,132					
South Dakota.....	140,633	87,503	53,130	69.7	24.1	21.8	54,311	27,312	51,198	28,027	31,238	28,325	247	137	529				
Nebraska.....	267,467	235,572	31,895	13.0	22.4	22.1	131,046	117,542	83,237	61,618	49,349	53,679	2,600	2,040	1,383				
Kansas.....	370,227	394,439	24,212	6.5	21.9	20.7	248,418	202,153	76,644	68,850	37,383	31,674	12,896	10,717	689				
<b>SOUTH ATLANTIC:</b>																			
Alabama.....	44,634	40,029	4,605	11.5	22.1	21.7	26,394	24,084	6,077	4,988	6,229	4,292	6,911	6,222	23				
Maryland.....	271,373	342,716	71,343	26.3	20.9	20.5	153,367	131,720	39,343	41,554	28,834	22,322	49,386	47,466	263				
District of Columbia.....	78,349	62,981	15,368	24.4	22.7	22.6	38,078	29,807	10,614	9,650	6,927	4,590	22,472	18,677	259				
Virginia.....	298,728	346,033	57,305	19.2	18.3	18.2	265,236	216,888	5,008	5,008	9,463	5,212	115,872	115,872	214				
West Virginia.....	275,048	200,503	74,545	37.2	22.9	20.9	211,721	166,180	16,132	12,630	5,982	7,939	21,134	13,621	81				
North Carolina.....	392,192	326,292	65,900	20.3	17.8	17.7	271,439	223,643	1,706	1,644	2,108	1,389	11,517	98,691	1,394				
South Carolina.....	276,788	236,767	40,021	14.5	18.3	17.7	128,052	102,298	5,443	5,443	1,973	1,428	144,019	160,282	88				
Georgia.....	497,095	490,186	6,909	21.5	19.1	18.3	267,666	214,987	5,893	5,881	5,402	3,604	21,970	184,863	134				
Florida.....	171,688	114,500	57,188	49.9	22.8	21.7	77,062	50,283	6,224	4,206	12,300	6,288	75,954	53,546	148				
<b>EAST SOUTH CENTRAL:</b>																			
Kentucky.....	457,493	428,622	28,871	6.7	20.0	20.0	359,347	320,253	31,475	28,563	8,284	9,844	58,306	59,633	81				
Tennessee.....	423,068	381,249	41,819	10.1	19.4	19.0	316,443	280,106	8,844	10,204	2,028	4,408	19,709	88,452	367				
Alabama.....	401,145	328,938	72,207	18.0	18.0	18.0	222,907	175,998	6,376	6,736	6,152	4,318	106,906	141,528	131				
Mississippi.....	345,745	289,599	56,146	19.2	18.7	18.7	145,717	115,168	4,277	4,688	8,900	2,163	192,478	167,061	383				
<b>WEST SOUTH CENTRAL:</b>																			
Louisiana.....	311,792	250,880	60,912	24.5	19.8	19.1	209,990	169,937	8,381	7,328	4,687	4,004	88,627	69,055	107				
Louisiana.....	338,343	288,739	69,604	25.9	20.4	19.5	153,426	104,614	24,881	28,118	15,159	13,107	144,430	122,381	447				
Oklahoma.....	357,933	198,136	159,797	112.9	21.2	21.2	279,264	128,621	22,201	21,115	12,455	6,656	30,148	10,927	12,855				
Texas.....	804,899	599,221	205,678	34.0	22.6	19.4	525,726	389,622	74,480	68,488	68,408	64,884	118,342	69,629					
<b>MOUNTAIN:</b>																			
Montana.....	123,232	83,574	39,658	47.5	22.8	24.3	47,669	28,584	28,584	18,418	44,568	30,888	613	557	3,808				
Idaho.....	89,384	41,783	47,601	10.7	23.8	28.5	47,162	20,288	19,716	10,600	17,237	8,478	833	104	2,082				
Wyoming.....	54,634	32,988	21,646	60.7	37.4	35.7	26,693	16,037	9,788	7,784	12,963	8,280	1,233	449	1,945				
Colorado.....	200,882	142,136	68,746	33.5	25.8	25.3	112,308	76,092	39,263	27,784	46,746	35,144	3,241	2,017	4,430				
New Mexico.....	73,047	41,464	31,583	7.8	22.0	22.0	32,907	19,711	12,856	9,109	9,886	5,109	4,511	474	630				
Arizona.....	58,992	34,231	24,761	42.3	20.3	20.3	22,529	12,550	9,259	6,279	20,679	8,846	568	1,801	5,927				
Utah.....	73,449	33,753	39,696	11.1	22.6	21.9	29,980	14,873	22,624	14,873	22,624	18,442	1,445	2,114	4				
Nevada.....	29,883	11,496	17,787	153.4	35.9	27.4	11,699	8,653	6,776	3,148	9,291	3,949	164	32	2,083				
<b>PACIFIC:</b>																			
Washington.....	346,872	149,680	197,292	126.7	29.8	28.9	155,048	70,391	67,507	27,432	102,796	42,206	2,338	1,009	12,993				



## CHAPTER 3.

### AGE AND MARITAL CONDITION.

#### AGE STATISTICS.

**Introduction.**—This chapter contains a summary of the data relative to age, and to the marital condition of the population, reported at the Thirteenth Census, taken as of April 15, 1910, with comparative figures for prior censuses. Statistics are presented for the geographic divisions, the states, and the principal cities of the United States. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

It is impossible to claim entire accuracy for census statistics of age. Some people do not know their true ages; some people seem deliberately to report them incorrectly; and the reports for a good many persons are not made by the persons themselves, but by others who have not exact knowledge as to the age. There is a conspicuous tendency to report ages in round numbers; the number reported as 40 years of age, for example, is far greater than the number reported as either 39 or 41. In the present report, however, individual years are not shown, but only groups of years. When the ages are combined into groups of 5, 10, or more years the margin of error is probably small.

#### UNITED STATES AS A WHOLE.

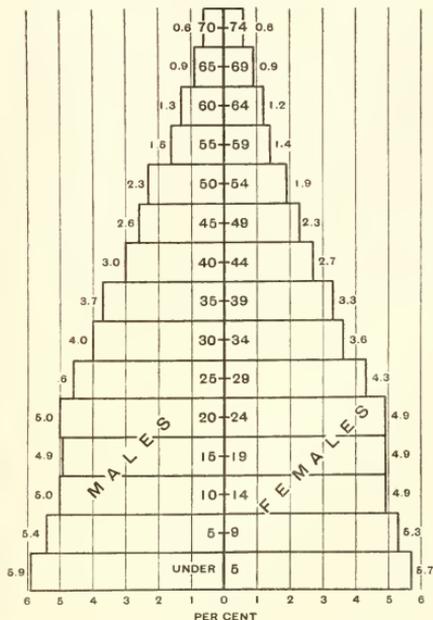
**Classification by 5-year age periods: 1910.**—Table 1, page 122, shows for 1910, by 5-year age periods, the population of the United States as a whole and of each of the principal race, nativity, and parentage classes, with a further distinction according to sex. Table 2 shows the relative importance of the different age groups by means of percentages.

The facts brought out by the tables can be much more clearly seen by means of diagrams. The diagram on this page presents the age distribution of the total population according to sex. The percentages which are shown in connection with the diagram differ from those in Table 2, in order to permit a comparison of the relative number of males and females in each age group. In Table 2 the percentage distribution by age for males is based on the total male population and for females on the total female population, but in the diagram the percentages for each sex are based upon the total population. For example, the diagram shows that males 15 to 19 years of age form 4.9 per cent of the total population while, as shown in Table 2, they form 9.6 per cent of the male population.

Where a population is maintained entirely by natural increase the number at any given year of age will, of course, be determined by the births in a corresponding earlier year, minus the deaths which have occurred among persons born in that year. Since

death claims its victims at all ages, the number of survivors will, under all ordinary conditions, diminish with advancing age, so that if the figures for the two sexes are represented on opposite sides of a vertical axis a diagram showing age distribution takes approximately the form of a pyramid or triangle. The death rate, however, is not uniform at all ages. It is very high during the first year after birth, decreases gradually until about the twelfth year, and then increases slowly until middle life, after which the acceleration is rapid. As the result of these variations, the age diagram for a normal population is not a perfect pyramid, but is slightly bell-shaped. There is also some difference between the two sexes in a normal population with respect to the number born and the death rates at different ages, so that the age diagram would not be altogether symmetrical.

DISTRIBUTION BY AGE PERIODS OF TOTAL  
POPULATION: 1910.



## DISTRIBUTION BY AGE PERIODS OF THE POPULATION OF THE UNITED STATES: 1910.

Table 1	AGE PERIOD.	ALL CLASSES.			WHITE.			NEGRO.			INDIAN.		
		Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.
	All ages.....	91,872,266	47,352,277	44,639,989	81,731,957	42,178,245	39,553,712	9,827,763	4,895,881	4,941,882	265,683	135,133	130,550
	Under 5 years.....	10,631,364	5,380,596	5,250,768	9,322,014	4,728,650	4,594,254	1,263,288	629,330	633,968	40,384	20,202	20,182
	Under 1 year.....	2,217,342	1,123,409	1,093,933	1,955,915	993,242	962,363	262,386	129,459	136,927	8,216	4,127	4,089
	5 to 9 years.....	9,740,632	4,924,123	4,816,500	8,475,173	4,285,356	4,189,807	1,246,553	619,175	627,378	36,541	18,349	18,192
	10 to 14 years.....	9,107,140	4,601,753	4,505,387	7,915,498	4,066,104	3,912,304	1,155,236	573,074	577,192	31,933	16,159	15,194
	15 to 19 years.....	9,063,063	4,577,252	4,486,321	7,965,301	3,959,143	3,909,548	1,040,416	507,945	532,471	28,486	14,612	13,874
	20 to 24 years.....	9,036,984	4,480,290	4,476,094	7,986,411	4,070,985	3,915,456	1,030,795	482,157	548,638	21,944	11,265	10,579
	25 to 29 years.....	8,180,003	4,244,348	3,935,655	7,257,136	3,792,224	3,464,912	831,227	421,805	459,422	13,137	6,237	5,900
	30 to 34 years.....	6,972,185	3,656,768	3,315,417	6,267,276	3,297,169	2,970,407	668,089	332,163	335,926	15,243	7,156	7,487
	35 to 39 years.....	6,296,100	3,367,016	3,029,084	5,731,845	3,024,002	2,707,843	653,449	323,450	312,669	14,834	7,721	7,113
	40 to 44 years.....	5,561,687	2,786,350	2,475,237	4,780,272	2,537,219	2,243,043	456,413	226,680	229,733	11,961	6,126	5,835
	45 to 49 years.....	4,469,197	2,378,916	2,090,281	4,061,062	2,141,848	1,909,214	385,909	199,928	185,981	9,887	5,103	4,784
	50 to 54 years.....	3,900,794	2,110,913	1,790,778	3,555,918	1,915,960	1,640,453	326,070	179,387	146,683	9,543	4,914	4,439
	55 to 59 years.....	2,786,951	1,488,437	1,298,514	2,554,206	1,363,821	1,200,389	209,622	116,690	94,332	7,171	3,306	3,495
	60 to 64 years.....	2,257,159	1,183,966	1,081,184	2,059,323	1,076,733	967,270	186,402	101,143	85,333	6,534	3,022	3,152
	65 to 69 years.....	1,679,503	863,994	815,509	1,549,954	792,310	737,644	123,550	67,556	55,994	4,482	2,759	2,223
	70 to 74 years.....	1,115,728	561,644	522,084	1,030,884	518,888	511,996	78,839	40,384	38,275	3,582	1,661	1,821
	75 to 79 years.....	667,802	331,280	306,022	620,692	307,446	315,246	44,918	22,647	21,351	1,083	483	1,122
	80 to 84 years.....	321,754	153,745	168,009	294,555	141,301	153,254	28,579	11,696	13,883	1,665	665	870
	85 to 89 years.....	122,818	56,335	66,483	110,936	50,843	60,093	11,166	5,164	6,002	601	304	387
	90 to 94 years.....	33,473	14,553	18,920	27,161	11,970	15,191	5,850	2,394	3,456	458	185	273
	95 to 99 years.....	7,391	3,045	4,346	4,757	1,933	2,822	2,447	1,017	1,430	187	95	94
	100 years and over.....	3,555	1,380	2,175	764	326	438	2,178	1,094	1,071	116	50	66
	Age unknown.....	109,055	114,443	54,612	134,224	94,112	40,112	31,040	17,076	13,964	949	481	468

Table 1—Continued.

Table 1—Continued.	AGE PERIOD.	CHINESE, JAPANESE, AND ALL OTHER.			NATIVE WHITE.						FOREIGN-BORN WHITE.		
		Both sexes.	Male.	Female.	Native percentage.			Foreign or mixed percentage.			Both sexes.	Male.	Female.
					Both sexes.	Male.	Female.	Both sexes.	Male.	Female.			
	All ages.....	140,863	133,018	13,845	49,488,575	25,229,218	24,259,357	18,897,857	9,425,239	9,472,598	13,345,945	7,823,789	5,821,757
	Under 5 years.....	4,778	2,424	2,354	6,546,282	3,236,237	3,220,645	1,350,473	1,323,652	1,027,507	61,940	50,567	
	Under 1 year.....	1,135	581	554	1,369,140	696,200	672,940	279,730	285,515	286,215	6,735	3,827	3,308
	5 to 9 years.....	2,365	1,233	1,132	5,861,015	2,969,230	2,891,785	2,315,649	1,165,484	1,180,165	298,509	150,652	147,857
	10 to 14 years.....	2,073	1,376	997	5,324,283	2,700,556	2,623,627	2,235,795	1,124,145	1,111,650	358,830	181,903	177,027
	15 to 19 years.....	1,670	932	738	5,039,053	2,552,328	2,536,527	2,203,575	1,094,861	1,119,714	673,761	331,754	325,007
	20 to 24 years.....	17,934	10,913	7,021	4,682,922	2,332,914	2,350,008	1,873,168	914,121	958,887	1,430,381	823,930	606,461
	25 to 29 years.....	23,503	21,082	2,421	4,049,074	2,046,597	2,002,477	1,545,366	755,051	790,315	1,622,696	990,576	672,130
	30 to 34 years.....	21,577	19,680	1,897	3,401,601	1,660,032	1,359,960	1,060,632	606,028	1,506,715	888,668	617,647	
	35 to 39 years.....	15,972	14,843	1,129	3,045,381	1,580,139	1,465,242	1,278,371	631,656	646,515	1,408,693	812,007	596,086
	40 to 44 years.....	13,941	13,323	618	2,450,383	1,273,993	1,176,480	1,030,412	511,795	514,417	1,365,475	713,519	531,886
	45 to 49 years.....	12,339	12,037	302	2,071,976	1,081,912	990,064	842,726	423,481	419,245	1,146,369	656,453	489,905
	50 to 54 years.....	10,005	9,822	213	1,906,127	1,040,745	909,352	680,151	348,859	331,272	925,055	526,256	398,799
	55 to 59 years.....	5,952	5,820	132	1,490,463	789,243	701,220	380,223	194,468	185,755	695,520	380,110	315,410
	60 to 64 years.....	4,891	4,732	159	1,227,434	635,425	527,009	214,306	109,114	104,902	627,383	331,014	295,669
	65 to 69 years.....	3,517	3,469	48	931,607	470,750	402,857	159,900	69,144	63,806	488,397	255,416	232,081
	70 to 74 years.....	623	611	12	623,594	310,780	312,814	70,323	35,567	34,966	336,967	172,713	164,216
	75 to 79 years.....	187	184	3	378,823	185,109	193,714	33,937	16,525	17,002	208,212	105,412	100,800
	80 to 84 years.....	55	58	2	179,251	84,278	94,973	14,014	6,761	7,253	101,290	50,262	51,628
	85 to 89 years.....	25	24	1	67,996	30,166	37,800	5,537	2,596	2,941	37,433	18,081	19,352
	90 to 94 years.....	4	4		16,632	7,041	9,591	1,495	266	259	9,604	4,193	4,841
	95 to 99 years.....				2,795	1,045	1,711	278	123	155	1,723	767	956
	100 years and over.....				439	180	259	32	20	12	283	126	167
	Age unknown.....	2,842	2,774	68	97,509	68,709	78,749	10,504	5,637	4,867	26,211	19,700	6,505

# AGE DISTRIBUTION.

123

PER CENT DISTRIBUTION BY AGE PERIODS OF THE POPULATION OF THE UNITED STATES: 1910.

AGE PERIOD.	ALL CLASSES.			WHITE.			NEGRO.			INDIAN.		
	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.6	11.4	11.8	11.4	11.2	11.6	12.9	12.9	12.8	15.2	14.9	15.5
Under 1 year.....	2.4	2.4	2.5	2.4	2.4	2.4	2.6	2.6	2.6	3.1	3.1	3.1
5 to 9 years.....	10.6	10.4	10.8	10.4	10.2	10.6	12.7	12.7	12.7	13.8	13.6	13.9
10 to 14 years.....	9.9	9.7	10.1	9.7	9.5	9.9	11.8	11.8	11.7	11.8	12.0	11.6
15 to 19 years.....	9.9	9.6	10.2	9.7	9.5	10.0	10.8	10.4	11.2	10.7	10.8	10.6
20 to 24 years.....	9.8	9.7	10.0	9.8	9.7	9.9	10.5	9.9	11.1	8.2	8.3	8.1
25 to 29 years.....	8.9	9.0	8.8	8.9	9.0	8.8	9.0	8.6	9.3	6.8	6.8	6.8
30 to 34 years.....	7.6	7.7	7.4	7.7	7.8	7.4	6.8	6.8	6.8	5.7	5.7	5.7
35 to 39 years.....	7.0	7.1	6.8	7.0	7.2	6.8	6.4	6.6	6.3	5.6	5.7	5.4
40 to 44 years.....	5.7	5.9	5.5	5.8	6.0	5.7	4.5	4.7	4.6	4.5	4.5	4.5
45 to 49 years.....	4.9	5.0	4.7	5.0	5.1	4.8	3.9	4.1	3.8	3.7	3.8	3.7
50 to 54 years.....	4.2	4.5	4.0	4.8	4.5	4.1	3.3	3.7	3.0	3.5	3.6	3.4
55 to 59 years.....	3.0	3.1	2.9	3.1	3.2	3.0	2.1	2.4	1.9	2.7	2.7	2.7
60 to 64 years.....	2.5	2.5	2.4	2.5	2.6	2.5	1.9	2.1	1.7	2.5	2.5	2.4
65 to 69 years.....	1.8	1.8	1.8	1.9	1.9	1.9	1.3	1.4	1.1	1.7	1.7	1.7
70 to 74 years.....	1.2	1.2	1.2	1.3	1.2	1.3	0.8	0.8	0.8	1.3	1.2	1.4
75 to 79 years.....	0.7	0.7	0.8	0.8	0.7	0.8	0.4	0.5	0.4	0.8	0.7	0.9
80 to 84 years.....	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.2	0.3	0.6	0.5	0.7
85 to 89 years.....	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.3	0.2	0.3
90 to 94 years.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.2	0.1	0.2
95 to 99 years.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.1	0.1	0.1
100 years and over.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.1
Age unknown.....	0.2	0.2	0.1	0.2	0.2	0.1	0.3	0.3	0.3	0.4	0.4	0.4

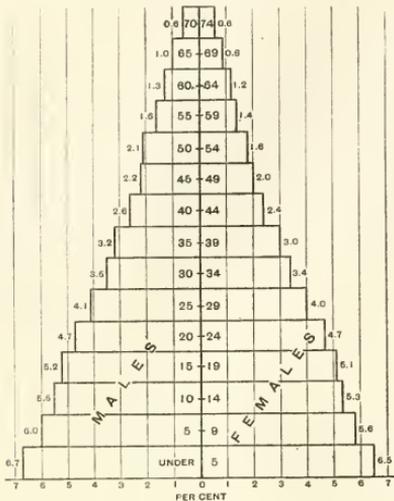
Table 2—Continued.

AGE PERIOD.	CHINESE, JAPANESE, AND ALL OTHER.			NATIVE WHITE.						FOREIGN-BORN WHITE.		
	Both sexes.	Male.	Female.	Native parentage.			Foreign or mixed parentage.			Both sexes.	Male.	Female.
				Both sexes.	Male.	Female.	Both sexes.	Male.	Female.			
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	3.3	1.8	17.0	13.2	13.2	13.3	14.2	14.3	14.0	0.8	(1)	0.9
Under 1 year.....	0.8	0.4	4.0	2.8	2.8	2.8	3.1	3.1	3.0	0.1	(1)	0.1
5 to 9 years.....	1.6	0.9	8.2	11.8	11.8	11.9	12.3	12.4	12.1	2.2	2.0	2.5
10 to 14 years.....	1.4	1.0	5.0	10.8	10.7	10.8	11.8	11.9	11.7	2.7	2.4	3.0
15 to 19 years.....	4.3	4.2	5.3	10.3	10.1	10.5	11.7	11.6	11.7	5.0	4.7	5.5
20 to 24 years.....	12.2	12.0	14.6	9.5	9.2	9.7	9.9	9.7	10.1	10.7	11.0	10.4
25 to 29 years.....	16.0	15.8	17.5	8.2	8.1	8.3	8.2	8.0	8.3	12.5	13.2	11.5
30 to 34 years.....	14.7	14.8	13.7	6.9	6.9	6.8	7.2	7.1	7.3	11.3	11.8	10.6
35 to 39 years.....	10.9	11.2	8.2	6.2	6.3	6.0	6.8	6.7	6.8	10.6	10.8	10.2
40 to 44 years.....	9.5	10.0	4.4	5.0	5.0	4.8	5.4	5.4	5.4	9.8	10.0	9.5
45 to 49 years.....	8.4	9.0	2.2	4.2	4.3	4.1	4.5	4.5	4.4	8.6	8.7	8.4
50 to 54 years.....	6.9	7.4	1.5	3.9	4.1	3.7	3.6	3.7	3.5	6.9	7.0	6.9
55 to 59 years.....	4.1	4.4	1.0	3.0	3.1	2.9	2.0	2.1	2.0	5.2	5.1	5.4
60 to 64 years.....	3.3	3.6	0.5	2.5	2.5	2.4	1.1	1.2	1.1	4.7	4.4	5.1
65 to 69 years.....	1.0	1.1	0.3	1.9	1.9	1.9	0.7	0.7	0.7	3.7	3.4	4.0
70 to 74 years.....	0.4	0.5	0.1	1.3	1.2	1.3	0.4	0.4	0.4	2.5	2.3	2.8
75 to 79 years.....	0.1	0.1	(1)	0.8	0.7	0.8	0.2	0.2	0.2	1.6	1.4	1.8
80 to 84 years.....	(1)	(1)	(1)	0.4	0.3	0.4	0.1	0.1	0.1	0.8	0.7	0.9
85 to 89 years.....	(1)	(1)	(1)	0.1	0.1	0.2	(1)	(1)	(1)	0.3	0.2	0.3
90 to 94 years.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.1	0.1	0.1
95 to 99 years.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
100 years and over.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Age unknown.....	1.9	2.1	0.5	0.2	0.3	0.1	0.1	0.1	0.1	0.2	0.3	0.1

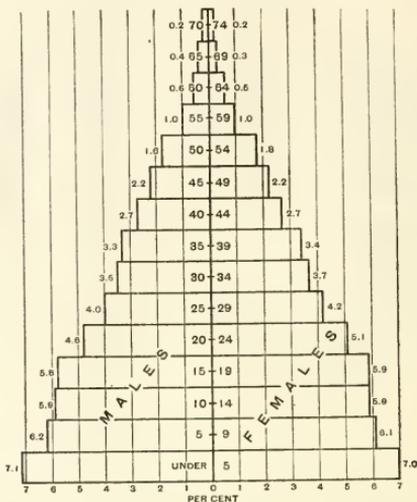
Less than one-tenth of 1 per cent.

DISTRIBUTION BY AGE PERIODS OF THE PRINCIPAL CLASSES OF THE POPULATION: 1910.

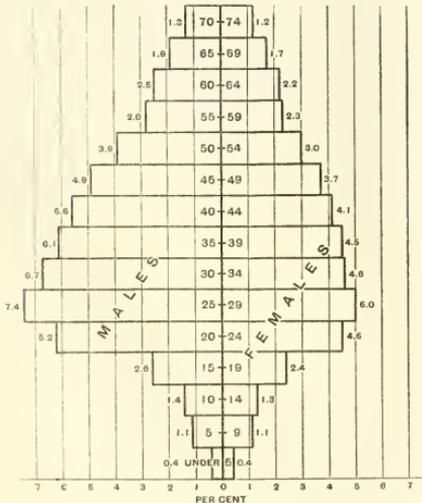
NATIVE WHITE OF NATIVE PARENTAGE.



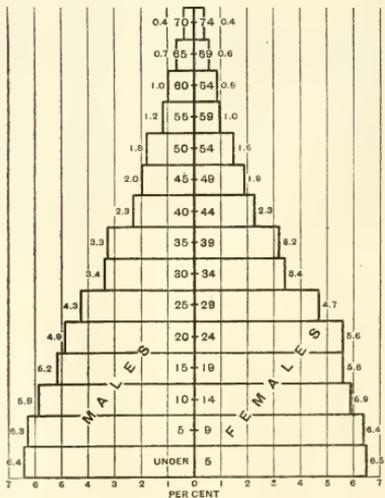
NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE.



FOREIGN-BORN WHITE.



NEGRO.



In the case of the United States the distribution by age, and more especially by sex at different ages, is materially affected by the presence of the foreign born. The immigrants are mostly of adult age when they arrive in this country and comprise more males than females. Consequently the bars in the diagram on page 124 representing the age periods of adult life are somewhat longer than they would be for a population recruited solely by natural increase, and the side of the diagram representing the males is extended disproportionately.

The wide differences in the age distribution of the principal classes of the population are best shown by the four accompanying diagrams, which relate to the native whites of native parentage, the native whites of foreign or mixed parentage, the foreign-born whites, and the negroes, respectively.

No two of these diagrams are identical in form, and the only one whose shape has not been influenced more or less by immigration is that representing the negro population. The extraordinary character of the age distribution of the foreign-born whites is obvious at a glance. The number in the older age groups actually exceeds materially the number in the younger age groups, which is not true of any of the native classes. The great excess of males over females in this class is also conspicuously shown. The sex and age distribution of the Chinese and Japanese, who are largely foreign born, is also highly abnormal, as shown by Table 2.

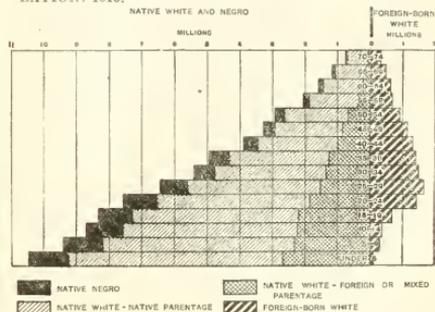
The influence of the foreign born upon the age distribution of our population does not cease upon their arrival in this country. The children born to them after their arrival are, of course, included with the native population, and if the total native population were shown by ages it would be found that the number of children was relatively somewhat greater than would be the case if the population were recruited solely by natural increase. This condition is brought out especially by the diagram showing the native white population of foreign or mixed parentage. In this group the proportion of children is somewhat larger, and the proportion of persons in the most advanced age groups much smaller, than in the case of the native white population of native parentage or the negro population. This is largely due to the fact that immigration to this country has greatly increased in volume in recent years. If immigration should fall off or cease altogether, it is obvious that after a time the age composition of the second generation, consisting of the children born of immigrants, would become abnormal in having an unduly small—instead of an unduly large—proportion of persons in the younger age periods.

Even the native white population of native parentage is indirectly affected in its age distribution by immigration, since the children of the native whites of foreign or mixed parentage are included in the class of natives of native parentage. Nevertheless, the age

distribution of the native whites of native parentage in the United States as a whole corresponds very closely to that of a normal population unaffected by migration. A comparison of the diagram for this class with that for the negroes, therefore, indicates approximately the relative tendencies of the two races with respect to birth and mortality rates. Among the native whites of native parentage the percentage of persons in the older age groups is higher than among the negroes. Doubtless this difference is partly due to a lower death rate among the native whites than among the negroes, but it may also be affected by the relative birth rate of the two classes or by changes in the birth rate within the same class. A decline in the birth rate is a factor which tends to reduce the relative importance of the younger age groups and increase that of the older. It is practically certain that the birth rate in the case of the white population of native stock has been steadily declining for many years. If there is a similar tendency among the negroes it is probably of more recent origin than in the case of the whites. The proportion of persons under 5 years of age is, however, also higher for the native whites of native parentage than for the negroes, doubtless partly because of the high infant mortality among negroes.

The diagram below, based on absolute numbers, is designed to show primarily the contrast in age distribution between the native white and native negro population and the foreign-born white population.

DISTRIBUTION BY AGE PERIODS OF NATIVE WHITE AND NEGRO AND OF FOREIGN-BORN WHITE POPULATION: 1910.



Classification by broader age periods: 1910.—For many purposes it is desirable to adopt an age classification which is less detailed than the one used in the preceding tables and diagrams and at the same time corresponds approximately to certain well-recognized periods of life. Thus, the years under 5 may be roughly designated as early childhood; those from 5 to 14 as the school period; those from 15 to 24 as the period of youth; those from 25 to 44 as the prime of life; those from 45 to 64 as middle or late middle life; and those 65 and over as old age.

Table 3 shows, for 1910, the distribution of the total population of the United States and of the principal race, nativity, and parentage classes by sex according to these six age periods. In this, as in most of the following tables, the insignificant number of unknown age is not shown separately, but is included in the totals upon which the percentages for the several age periods are based. The percentages would scarcely differ at all if they were based on the population of known age instead of the total population.

CLASS OF POPULATION AND AGE PERIOD.	POPULATION: 1910			PER CENT.			Males to 100 females.
	Total.	Male.	Female.	To-tal.	Male.	Female.	
<b>Total population.....</b>	<b>91,975,268</b>	<b>47,332,277</b>	<b>44,639,988</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 5 years.....	10,363,364	5,380,586	4,982,778	11.6	11.4	11.8	102.6
5 to 14 years.....	18,867,772	9,525,876	9,341,896	20.5	20.1	20.9	102.0
15 to 24 years.....	18,120,200	9,167,472	8,952,728	19.7	19.2	20.0	103.0
25 to 44 years.....	26,809,675	14,054,482	12,755,193	29.1	27.7	29.6	110.2
45 to 64 years.....	13,424,089	7,163,322	6,260,757	14.6	14.1	14.6	114.4
65 years and over.....	2,849,520	1,685,376	1,164,144	3.1	2.4	4.4	101.2
<b>Native white—Native parentage.....</b>	<b>49,488,676</b>	<b>25,229,218</b>	<b>24,259,357</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>104.0</b>
Under 5 years.....	6,546,282	3,396,287	3,220,045	13.2	13.2	13.3	103.3
5 to 14 years.....	11,485,298	5,669,868	5,815,430	23.2	22.6	22.7	102.8
15 to 24 years.....	9,771,977	4,835,442	4,886,535	19.7	19.4	20.1	100.0
25 to 44 years.....	12,946,441	6,642,210	6,304,231	26.2	24.3	26.1	106.4
45 to 64 years.....	2,417,386	1,076,222	1,395,975	11.5	11.4	11.6	111.1
65 years and over.....	2,201,065	1,059,349	1,141,715	4.4	4.3	4.6	88.0
<b>Native white—Foreign or mixed parentage.....</b>	<b>18,897,437</b>	<b>9,425,248</b>	<b>9,472,589</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>88.6</b>
Under 5 years.....	2,674,126	1,350,478	1,323,652	14.2	14.3	14.0	102.0
5 to 14 years.....	4,631,444	2,269,627	2,361,816	24.7	24.3	25.0	101.2
15 to 24 years.....	4,075,083	2,008,382	2,066,701	21.6	21.3	21.8	97.1
25 to 44 years.....	5,210,180	2,665,634	2,544,545	27.6	27.2	27.9	97.0
45 to 64 years.....	2,117,386	1,076,222	1,041,164	11.2	11.4	11.0	105.4
65 years and over.....	235,586	128,062	136,524	1.4	1.4	1.3	101.4
<b>Foreign-born white.....</b>	<b>13,245,545</b>	<b>7,533,788</b>	<b>5,821,757</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>128.2</b>
Under 5 years.....	162,507	81,848	80,659	0.8	0.7	0.9	102.7
5 to 14 years.....	656,830	331,655	325,184	4.9	4.4	5.6	102.2
15 to 24 years.....	2,104,142	1,175,674	928,465	15.8	13.5	19.9	126.6
25 to 44 years.....	5,579,379	3,442,770	2,437,209	44.1	48.8	41.9	141.3
45 to 64 years.....	3,302,814	1,894,716	1,408,098	25.3	25.2	22.5	89.9
65 years and over.....	1,182,349	607,008	576,341	8.9	8.1	9.9	105.3
<b>Negro.....</b>	<b>9,827,743</b>	<b>4,885,831</b>	<b>4,941,882</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>98.9</b>
Under 5 years.....	1,263,268	629,320	633,948	12.9	12.8	12.8	99.3
5 to 14 years.....	2,630,819	1,197,249	1,434,570	24.4	24.5	24.4	98.4
15 to 24 years.....	2,091,215	1,036,102	1,055,113	21.3	20.3	22.5	97.8
25 to 44 years.....	2,638,175	1,304,098	1,334,076	26.8	26.7	27.0	97.8
45 to 64 years.....	1,108,103	595,354	512,749	11.3	12.2	10.4	116.2
65 years and over.....	284,124	152,482	141,642	3.0	3.1	2.8	107.7
<b>Indian.....</b>	<b>205,683</b>	<b>135,423</b>	<b>130,850</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>103.6</b>
Under 5 years.....	40,384	20,222	20,162	19.6	19.9	19.5	100.1
5 to 14 years.....	67,934	34,548	33,386	33.0	25.6	25.6	103.5
15 to 24 years.....	50,330	25,877	24,453	18.9	16.1	17.7	105.8
25 to 44 years.....	60,173	30,846	29,332	29.2	22.8	22.5	105.1
45 to 64 years.....	32,925	17,055	15,870	12.2	12.6	12.2	107.5
65 years and over.....	12,966	6,130	6,836	4.9	4.5	5.3	89.4
<b>Chinese, Japanese, and all other.....</b>	<b>146,983</b>	<b>132,018</b>	<b>13,845</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>960.8</b>
Under 5 years.....	4,113	2,112	2,001	2.8	1.6	1.2	3.3
5 to 14 years.....	4,458	2,069	1,829	3.0	2.0	1.3	142.6
15 to 24 years.....	24,244	21,495	2,749	16.5	16.2	15.9	781.9
25 to 44 years.....	28,120	25,102	6,628	19.1	18.5	4.8	113.9
45 to 64 years.....	33,157	32,441	716	22.6	24.4	5.2	4,536.9
65 years and over.....	2,411	2,345	66	1.6	1.8	0.5	( <sup>1</sup> )

<sup>1</sup> Ratio not shown, the number of females being less than 100.

For convenience of comparison, the per cent distribution of the totals for the several classes shown in Table 3 is reproduced in Table 4.

AGE PERIOD.	NATIVE WHITE.				Negro.	Indian.	Chinese, Japanese, and all other.
	Total.	Native born age.	Foreign or mixed parentage.	Foreign-born white.			
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.6	13.2	13.2	0.8	12.9	19.6	2.8
5 to 14 years.....	20.5	22.6	24.1	4.9	24.4	25.6	3.0
15 to 24 years.....	19.7	19.7	21.6	15.8	21.3	18.9	16.6
25 to 44 years.....	29.1	26.7	27.6	44.1	26.7	27.6	51.1
45 to 64 years.....	14.6	13.6	11.2	2.3	11.3	12.4	22.6
65 years and over.....	4.3	4.4	1.4	8.9	3.0	4.9	1.6

Of the population of the country as a whole in 1910, children under 5 years of age formed 11.6 per cent; children from 5 to 14, 20.5 per cent; young persons from 15 to 24, 19.7 per cent; men and women from 25 to 44, 29.1 per cent; those from 45 to 64, 14.6 per cent; and those of 65 and over, 4.3 per cent. Table 4 shows clearly the differences already noted among the several classes of the population. Thus among native whites of foreign or mixed parentage children under 5 in 1910 formed 14.2 per cent of the total, the corresponding percentage for native whites of native parentage being 13.2; on the other hand, only 12.6 per cent of the former were 45 years of age and over, as compared with 13.1 per cent of the latter. Conspicuously large is the proportion of the foreign-born whites who are in the prime of life, the percentage of this class in the age period 25 to 44 being 44.1, as compared with 26.2 per cent for the native whites of native parentage, 27.6 for the native whites of foreign or mixed parentage, and 26.8 for the negroes.

Table 3 facilitates comparisons of the relative numbers of the two sexes in different age periods. In the total population of the country males outnumber females in each of the six age periods designated, the excess being particularly great in the age periods 25 to 44 and 45 to 64, where the disparity of the sexes among immigrants has its greatest effect. While, as already stated, the general age distribution of the native whites of native parentage, and still more, that of the native whites of foreign or mixed parentage, is indirectly affected by immigration, the relative numbers of the two sexes in those classes are, of course, independent of immigration and depend solely upon differences in the numbers of males and females born and the numbers dying at different ages. Among the native whites of native parentage the males, according to the returns, somewhat exceed the females in the two youngest age periods shown in the table and are again in excess in the age period 25 to 44, and conspicuously so in the period 45 to 64, but in the period 15 to 24 years the females slightly outnumbered the males.

It is not easy to explain why the figures show such a marked excess of males over females in the native white population of native parentage, and more particularly why this excess should be largely concentrated in the age groups from 25 to 64 years of age. If these conditions actually exist, they would seem to indicate a much higher death rate among females than among males in the most active period of life, followed by a higher death rate among males in the later years. It is improbable, however, that any differences in the death rates of the two sexes wholly explain these conditions. The reported age distribution of the two sexes and therefore the sex ratio by age groups may be affected by a greater tendency on the part of females to understate their age. It is not improbable, furthermore, that some persons of foreign birth or of native birth and foreign parentage are returned at the census as natives of native parentage.

This error would be more likely to occur in the case of males than of females, for the reason that the former predominate among the foreign born and for the further reason that the floating population, for which accurate information is difficult to obtain, consists mostly of males. It is possible also that the returns are affected in some slight degree by duplications, and this source of error would also be more apt to exaggerate the number of men than of women, for the reason that men are more likely to be away from home and therefore are more liable to be counted twice, once where they are and again where they reside when at home.

Among the native whites of foreign or mixed parentage the females are in excess both in the age period 15 to 24 and in that from 25 to 44, but the males are in excess in the most advanced age period as well as in the younger ages. Among negroes also the conditions are quite different from those among native whites of native parentage. Females outnumber males in all of the age periods specified up to 44 years, but males are considerably in excess in the periods 45 to 64 and 65 years and over.

Comparing the percentages in the several age groups for the two sexes, it will be seen that the greatest disparity in the case of the native whites of native parentage is in the age period 45 to 64 years, which in 1910 comprised 14.1 per cent of the males but only 13.2 per cent of the females. On the other hand, only 4.3 per cent of the males in this class were 65 years of age and over, as compared with 4.6 per cent of the females. For the negroes the most conspicuous differences between males and females were in the age period 15 to 24 years, which comprised a decidedly larger proportion of the total number of females than of the total number of males, and in the age period 45 to 64 years, in which the opposite was the case.

**Comparison with previous censuses.**—Table 5 shows the age distribution of the total population of the United States in 1910 and 1900, respectively, by five-year periods. The differences between the two censuses, while significant, are too small to be very clearly shown by means of a diagram.

The proportion of the total population in each of the age periods under 15 years was smaller in 1910 than in 1900, while the proportion for the periods from 20 to 69 years, inclusive, was greater in 1910 than in 1900. The change which is thus shown for the past decade is a continuation of a tendency manifest for some time past. In 1880, 26.7 per cent of the population was under ten years of age; in 1890, 24.3 per cent; in 1900, 23.7 per cent; and in 1910, 22.2 per cent. Such a change might be due to any one or more of three causes—a declining birth rate, a change in mor-

tality rates, or increased immigration. Doubtless the first and third causes are actually operative. Mortality statistics, however, indicate that there has been a relatively greater reduction in death rates among children than among adults; consequently unless the birth rate had fallen off considerably one would have expected, after allowing for other factors, a larger proportion of children in 1910 than in 1900.

Table 5

AGE PERIOD.	TOTAL POPULATION.		PER CENT OF TOTAL.	
	1910	1900	1910	1900
All ages.....	91,972,269	75,994,575	100.0	100.0
Under 5 years.....	10,631,364	9,170,628	11.6	12.1
Under 1 year.....	2,217,342	1,916,892	2.4	2.5
5 to 9 years.....	9,750,632	8,874,123	10.6	11.7
10 to 14 years.....	9,107,140	8,080,234	9.9	10.6
15 to 19 years.....	9,063,603	7,556,089	9.9	9.9
20 to 24 years.....	9,036,984	7,335,918	9.8	9.7
25 to 29 years.....	8,180,003	6,529,441	8.9	8.6
30 to 34 years.....	6,972,186	5,556,039	7.6	7.3
35 to 39 years.....	6,346,100	4,964,731	7.0	6.5
40 to 44 years.....	5,261,587	4,247,166	5.7	5.6
45 to 49 years.....	4,469,197	3,454,612	4.9	4.5
50 to 54 years.....	3,900,791	2,942,829	4.2	3.9
55 to 59 years.....	2,786,951	2,211,172	3.0	2.9
60 to 64 years.....	2,267,150	1,791,363	2.5	2.4
65 to 69 years.....	1,679,568	1,302,926	1.8	1.7
70 to 74 years.....	1,113,726	883,841	1.2	1.2
75 to 79 years.....	667,302	519,857	0.7	0.7
80 to 84 years.....	321,754	251,512	0.3	0.3
85 to 89 years.....	122,818	88,690	0.1	0.1
90 to 94 years.....	33,473	23,992	(1)	(1)
95 to 99 years.....	7,231	6,295	(1)	(1)
100 years and over.....	3,555	3,504	(1)	(1)
Age unknown.....	169,056	209,584	0.2	0.3

<sup>1</sup> Less than one-tenth of 1 per cent.

It may be noted that the proportion of centenarians, according to the census returns, was less in 1910 than in 1900. In fact, the proportion has steadily decreased from census to census for over half a century. The number of centenarians reported in 1910 was equal to 4 for each 100,000 of the total population, while the corresponding ratio in 1850 was 11. It is improbable that any such decrease in longevity has actually occurred. By no means have all those who report themselves as 100 years old or more, in fact, reached that age, and the apparent reduction in the proportion of centenarians is probably due to greater accuracy in the returns.

Table 6 compares the distribution of the population at the last two censuses, by classes, among a more limited number of age periods.

The most significant statistics in this table are those for the native whites of native parentage and the negroes, since the age distribution of these two classes is the least distorted by the influence of immigration. In both of these classes the proportion in the younger age periods was somewhat smaller in 1910 than in 1900, and the proportion in the older age periods somewhat greater.

Table 6

AGE PERIOD.	ALL CLASSES.		NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.	
	1910	1900	Native parentage.		Foreign or mixed parentage.		1910	1900	1910	1900
			1910	1900	1910	1900				
All ages, number <sup>1</sup> .....	91,972,266	75,994,575	49,488,575	40,949,342	18,897,837	15,646,017	13,345,545	10,213,817	9,827,783	8,833,994
Under 5 years.....	10,631,394	9,170,628	6,549,282	5,464,881	2,674,125	2,402,702	102,567	52,399	2,263,288	1,215,655
5 to 14 years.....	18,867,772	16,954,337	11,183,298	9,834,010	4,353,444	4,204,157	636,839	438,757	2,401,819	2,291,748
15 to 24 years.....	18,120,887	14,891,105	9,717,977	8,044,522	4,078,683	3,356,453	2,104,132	1,481,228	2,001,211	1,951,194
25 to 44 years.....	28,809,875	21,297,427	12,946,441	10,272,124	5,210,109	4,383,428	5,879,979	4,414,500	2,638,178	2,138,889
45 to 64 years.....	13,424,089	10,399,979	6,740,000	5,569,428	2,117,886	1,639,969	3,382,518	2,831,646	1,168,133	958,234
65 years and over.....	3,949,524	3,080,498	2,201,068	1,715,226	255,586	141,146	1,183,349	869,547	284,124	261,303
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.6	12.1	13.2	13.3	14.2	15.4	0.8	0.5	12.9	13.8
5 to 14 years.....	20.5	22.3	22.6	24.0	24.1	27.5	4.9	4.6	24.1	26.0
15 to 24 years.....	19.7	19.6	19.7	21.6	21.6	21.5	15.8	14.5	21.4	22.0
25 to 44 years.....	29.1	28.0	26.2	23.1	27.6	28.1	44.1	43.2	26.8	23.8
45 to 64 years.....	14.6	13.7	13.6	13.5	11.2	6.6	25.4	27.7	11.3	10.8
65 years and over.....	4.3	4.1	4.4	4.2	1.4	0.9	8.9	9.3	3.0	3.0

<sup>1</sup> Includes a small number of persons of unknown age.

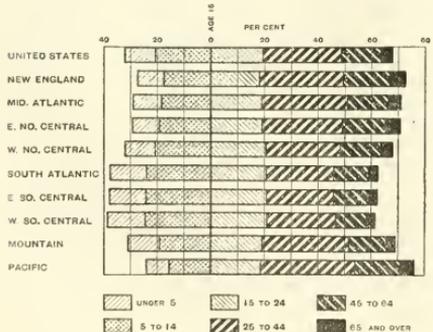
## DIVISIONS AND STATES.

Geographic divisions.—That very considerable differences exist among the divisions of the country with respect to the age distribution of the population will be seen from Table 7 and the accompanying diagram, which show, by percentages, the distribution of the total population of each of the nine geographic divisions in 1910 among certain broad age groups.

Table 7

AGE PERIOD.	PER CENT OF TOTAL POPULATION: 1910								
	New England.	Middle Atlantic.	East North-Central.	West North-Central.	South Atlantic.	East South-Central.	West South-Central.	Mountain.	Pacific.
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.8	10.6	10.5	11.3	13.6	13.8	14.1	11.4	8.6
5 to 14 years.....	17.4	18.4	19.1	20.5	24.0	24.3	24.7	19.5	15.6
15 to 24 years.....	18.3	19.4	19.3	20.2	20.4	20.4	20.6	19.2	18.7
25 to 44 years.....	31.4	31.7	29.8	28.4	22.8	23.4	26.9	32.4	35.2
45 to 64 years.....	17.1	15.4	16.1	14.8	12.6	12.4	11.6	14.0	16.9
65 years and over.....	5.9	4.4	5.1	4.6	3.6	3.5	2.8	3.0	4.5

## DISTRIBUTION BY AGE PERIODS OF TOTAL POPULATION BY DIVISIONS: 1910.



The factors producing these differences in age distribution are complex. The racial composition of the population, the extent to which it has been recruited by immigration from abroad and the periods at which such immigration has chiefly occurred, the relative

proportions of urban and rural population, and the degree in which the population has gained or lost through interstate migration are important causes affecting the age distribution of the population of the several divisions, aside from the birth rates and death rates.

In each of the four northern divisions, persons in the younger age periods form a smaller proportion of the total population, and those in the more advanced age periods a larger proportion, than in any of the three southern divisions. In considering these differences it should be borne in mind that the northern divisions contain relatively a much larger urban population than the southern, and that they have received relatively far more foreign immigrants, while, on the other hand, the South has many more negroes than the North. The age period, 25 to 44 years comprises a larger proportion of the total population in the Mountain and Pacific divisions than in any other division.

Table 11, pages 131 and 132, shows, by divisions, the age distribution of the total population and of the principal race, nativity, and parentage classes in 1910, with comparative figures for 1900. A detailed study of the absolute numbers and percentages for the several classes will help to explain the differences among the several divisions as regards the age distribution of the total population. It is of particular interest to compare the statistics with reference to the native whites of native parentage—a class which is largely represented in every geographic division, and whose age distribution is little affected by immigration from abroad, although much affected by migration from one division to another. For this class, considered by itself, differences in age distribution appear between the North, the South, and the West which correspond approximately to the differences between these sections with respect to the age distribution of the total population. There are relatively fewer children and relatively more persons in the prime of life and the older ages, in the northern divisions than in the southern. One explanation for this fact may be that the birth rate has declined in the North more than in the South. In fact, the North has lost more people in the prime of life by migration to the West than has the South, and had there been no

interstate migration a still greater disparity would probably appear between the North and the South in the age distribution of the native whites of native parentage.

The most conspicuous contrast is that between the New England division and the West South Central. In the former in 1910 only 9.6 per cent of the native whites of native parentage were children under 5 years of age, while 29.2 per cent were 45 years of age and over. In the West South Central division 15.2 per cent of the persons in this class were under 5 years of age, and only 13.5 per cent were 45 years of age and over.

Although the Mountain and Pacific divisions differ considerably from each other with respect to the age distribution of the native whites of native parentage, in both, as in the case of the total population of all classes, persons from 25 to 44 years of age—the most active ages—constitute a larger proportion of the population of this class than in any of the other divisions. This is undoubtedly due chiefly to migration, especially from the northern divisions, to the West.

States.—Table 12, pages 133 to 135, shows, in absolute numbers, by states, the age distribution of the total population and of each of the four most important color or race, nativity, and parentage classes. Table 13, page 136, presents percentages by age periods for the total population of each state. In interpreting the differences among the states, the causes already mentioned as affecting the conditions in the several geographic divisions should be borne in mind.

#### URBAN AND RURAL COMMUNITIES.

Urban and rural communities differ greatly with respect to the age distribution of the population, as appears from Table 8, which gives statistics for the United States as a whole in 1910, and from the accompanying diagram, which groups the ages into three main periods. Urban communities, as defined by the Census Bureau, comprise all incorporated places of 2,500 inhabitants or more, including New England towns of that size.

The absolute numbers presented in this table are quite as significant as the percentages. In the United States as a whole there are many more persons in each of the age groups comprising persons under 20 years of age in the rural communities than in the urban communities, but in each of the age groups comprising persons from 20 to 54 years of age, which embrace the most active period of life, there are more persons in urban than in rural communities. On the other hand, the rural communities contained more persons in advanced middle life and old age. The urban communities contained in 1910 considerably less than half (46.3 per cent) of the total population of the country of all ages, but they contained over half (51.8 per cent) of the persons between 20 and 54 years of age. There were 22,925,133 persons between 20 and 54

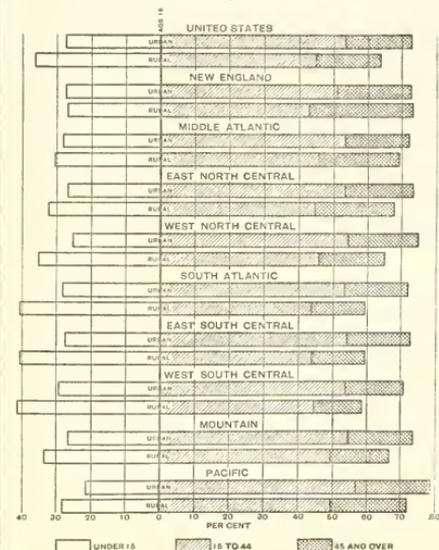
in urban communities, as compared with 21,311,714 in rural communities. Such persons constituted 53.8 per cent of the total urban population, but only 43.2 per cent of the rural.

AGE PERIOD.	POPULATION: 1910		PER CENT OF TOTAL.	
	Urban.	Rural.	Urban.	Rural.
All ages <sup>1</sup> .....	42,823,333	49,348,883	100.0	100.0
Under 5 years.....	4,200,291	6,431,073	9.3	13.0
5 to 9 years.....	3,773,917	5,986,715	8.9	12.1
10 to 14 years.....	3,627,408	5,479,732	8.5	11.1
15 to 19 years.....	4,033,271	5,080,322	9.4	10.3
20 to 24 years.....	4,570,558	4,486,426	10.7	9.1
25 to 29 years.....	4,338,352	3,841,611	10.2	7.8
30 to 34 years.....	3,897,292	3,274,883	9.1	6.6
35 to 44 years.....	6,133,259	5,524,428	14.4	11.2
45 to 54 years.....	4,185,722	4,184,269	9.8	8.5
55 to 64 years.....	2,302,142	2,751,959	5.4	5.6
65 years and over.....	1,693,010	2,256,514	4.0	4.6
Under 5 years.....	4,200,291	6,431,073	9.9	13.0
5 to 14 years.....	7,401,325	11,466,447	17.4	23.2
15 to 24 years.....	8,573,829	9,546,738	20.1	19.3
25 to 34 years.....	14,168,833	12,641,022	33.2	25.6
35 to 44 years.....	6,487,864	6,936,225	15.2	14.1
45 years and over.....	1,693,010	2,256,514	4.0	4.6

<sup>1</sup> Includes a small number of persons of unknown age.

This great disparity is due chiefly to two causes: First, the fact that the foreign born, who when they immigrate to this country are mainly of adult age, go chiefly to the cities; and, second, the fact that most of the native born who move from country to city are adults in the most active period of life. It is impossible to draw any conclusions as to the relative fecundity, or the relative longevity, of the urban and the rural population from the statistics, because of the powerful effect of these two causes on the age distribution.

#### DISTRIBUTION BY AGE PERIODS OF THE URBAN AND RURAL POPULATION, BY DIVISIONS: 1910.



The extent to which differences between urban and rural communities appear in the principal color or race, nativity, and parentage classes of the population may readily be seen from the percentages in the following table:

AGE PERIOD.	PER CENT OF TOTAL.							
	Native white.				Foreign-born white.		Negro.	
	Native parentage.		Foreign or mixed parentage.		Urban.	Rural.	Urban.	Rural.
	Urban.	Rural.	Urban.	Rural.				
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.5	14.2	15.0	12.6	0.8	0.7	8.5	14.5
5 to 14 years.....	18.5	24.3	23.9	24.4	5.2	4.1	16.9	27.3
15 to 24 years.....	20.5	19.3 <sup>1</sup>	21.7	21.4	17.1	12.4	21.5	21.2
25 to 44 years.....	29.9	24.1	27.7	27.4	45.6	40.1	36.6	23.2
45 to 64 years.....	14.0	13.4	10.7	12.2	23.9	29.5	13.1	10.6
65 years and over.....	4.3	4.5	1.1	1.8	7.3	12.8	2.9	3.0

It will be seen, for example, that in the case of the native whites of native parentage in urban communities in 1910, 11.5 per cent were under 5 years of age, as compared with 14.2 per cent in rural communities; on the other hand, 29.9 per cent in urban communities were from 25 to 44 years old, but only 24.1 per cent in rural communities. In the case of the foreign-born whites the percentage under 5 years was practically the same in urban as in rural communities, but persons from 25 to 44 years of age formed 45.6 per cent of the total number in urban communities and 40.1 per cent in rural communities. Especially striking is the contrast among the negroes; 8.5 per cent of those in urban communities were under 5 years of age and 36.6 per cent between 25 and 44 years, as compared with 14.5 per cent and 23.2 per cent, respectively, of those in rural communities. In the case of the native whites of foreign or mixed parentage, however, the percentage under 5 years was higher in urban than in rural communities, and there was very little difference between the two classes of communities with respect to the percentages in the age periods from 5 to 44 years. This exceptional condition is doubtless due to the fact that a fairly large proportion of the earlier immigrants into the United

States settled in rural districts, while most of the more recent immigrants have gone to the cities and have contributed large numbers of children to the class of native whites of foreign or mixed parentage there.

The dissimilarity between urban and rural communities with respect to age distribution appears in the case of both sexes, as may be seen from the following table:

AGE PERIOD.	POPULATION: 1910				PER CENT OF TOTAL.			
	Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages <sup>1</sup> .....	21,496,181	25,836,096	21,127,502	23,512,787	100.0	100.0	100.0	100.0
Under 5 years.....	2,118,790	3,261,880	2,061,585	3,169,183	9.9	12.6	9.9	13.5
5 to 14 years.....	3,685,561	5,836,315	3,711,764	5,630,132	17.2	22.6	17.6	23.9
15 to 24 years.....	4,176,853	4,330,719	4,396,976	4,616,039	19.4	19.1	20.8	19.6
25 to 44 years.....	7,341,394	6,713,688	6,827,459	5,927,934	34.2	26.0	32.3	25.2
45 to 64 years.....	3,320,534	3,842,798	3,167,330	3,093,427	15.4	14.9	15.0	13.2
65 years and over.....	782,062	1,203,914	910,948	1,052,608	3.6	4.7	4.3	4.5

<sup>1</sup> Includes a small number of persons of unknown age.

Table 14, pages 137 and 138, presents age statistics for the urban and rural population of each of the nine geographic divisions in 1910. The statements with regard to conditions in the country as a whole will be found to hold true, with little modification, in most of the geographic divisions.

#### PRINCIPAL CITIES.

Table 15, pages 139 to 143, shows, for each city of 100,000 inhabitants or more, in absolute numbers and percentages, the age distribution of the total population and of the most important color or race, nativity, and parentage groups.

Table 16, pages 144 and 145, shows the age distribution of the total population of each city of 25,000 to 100,000 inhabitants.

The differences among the various individual cities with respect to age distribution are largely attributable to differences in the extent to which the growth of such cities has been due to migration from abroad or from the smaller towns and rural districts of this country. It is impossible to draw any conclusions as to relative birth rates or death rates from these statistics.

# AGE DISTRIBUTION.

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## DISTRIBUTION BY AGE PERIODS OF THE TOTAL POPULATION, BY DIVISIONS: 1910 AND 1900.

[Totals for all ages include persons of unknown age.]

Table 11  DIVISION AND AGE PERIOD.	NATIVE WHITE.										FOREIGN-BORN WHITE.		NEGRO.	
	ALL CLASSES.		Native percentage.				Foreign or mixed percentage.							
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>NEW ENGLAND.</b>														
All ages, number.....	6,552,681	5,529,017	2,613,419	2,511,110	2,052,709	1,579,044	1,614,388	1,436,872	66,306	59,699				
Under 5 years.....	640,825	554,254	250,625	228,461	367,949	307,059	36,105	13,158	17,627	15,872	3,353			
5 to 14 years.....	1,140,498	975,968	449,568	428,923	584,574	453,574	87,007	37,907	18,9	17,038	8,963			
15 to 24 years.....	1,198,566	1,021,419	430,837	414,188	426,138	322,091	128,800	271,971	11,817	5,876	5,282			
25 to 44 years.....	2,067,235	1,763,017	713,822	691,529	475,238	400,453	839,188	646,365	25,680	21,267	21,267			
45 to 64 years.....	1,123,675	930,127	520,483	510,033	179,502	35,491	412,169	224,968	16,219	5,789	5,789			
65 years and over.....	324,027	328,992	243,514	228,459	18,454	9,596	119,540	88,848	2,356	1,969				
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.8	9.9	9.6	9.1	17.9	19.4	0.9	0.9	0.9	8.9	9.1			
5 to 14 years.....	17.4	17.5	17.2	17.1	28.5	28.7	5.2	6.1	15.4	15.2				
15 to 24 years.....	18.3	18.3	17.5	16.5	18.1	18.1	0.6	0.6	1.5	20.9	18.7			
25 to 44 years.....	31.4	31.5	27.3	27.5	23.2	26.0	46.3	40.3	36.7	36.0				
45 to 64 years.....	17.1	16.6	19.9	20.3	8.7	5.4	22.7	22.6	15.4	14.9				
65 years and over.....	5.9	5.9	9.3	9.1	0.8	0.6	6.6	6.2	3.0	3.0				
<b>MIDDLE ATLANTIC.</b>														
All ages, number.....	19,315,892	15,454,678	8,462,961	7,406,579	5,591,212	4,402,167	4,826,179	3,302,116	417,870	325,921				
Under 5 years.....	2,050,130	1,690,067	992,447	903,543	1,053,467	737,478	38,007	19,141	35,298	29,975				
5 to 14 years.....	3,545,324	3,033,628	1,766,924	1,655,930	1,911,317	1,166,317	284,076	107,960	60,674	49,623				
15 to 24 years.....	3,741,376	2,891,567	1,638,953	1,397,988	1,105,467	880,876	912,575	634,129	81,370	81,370				
25 to 44 years.....	6,126,201	4,829,999	2,325,020	1,946,088	1,386,623	1,259,141	2,233,517	1,486,444	174,669	120,069				
45 to 64 years.....	2,977,961	2,295,577	1,270,631	1,184,545	606,283	315,000	1,042,214	644,438	54,458	49,494				
65 years and over.....	851,160	689,539	454,779	384,399	75,482	41,065	309,187	254,779	11,330	8,775				
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.6	10.9	11.7	12.2	17.6	16.8	0.8	0.6	8.4	8.9				
5 to 14 years.....	18.4	19.2	20.9	22.3	25.4	26.5	5.9	5.1	14.5	15.2				
15 to 24 years.....	19.4	19.7	19.4	18.9	19.8	19.9	1.6	1.9	4.0	3.8				
25 to 44 years.....	31.7	31.2	27.5	26.3	24.8	28.6	46.3	45.0	41.1	38.7				
45 to 64 years.....	15.4	14.9	15.0	14.9	11.3	7.2	21.6	25.2	13.0	12.4				
65 years and over.....	4.4	4.5	5.4	5.2	1.3	0.9	6.1	7.7	2.7	2.7				
<b>EAST NORTH CENTRAL.</b>														
All ages, number.....	18,250,621	15,385,581	9,751,985	8,488,016	5,108,454	4,601,740	3,067,220	2,820,297	300,836	257,842				
Under 5 years.....	1,910,909	1,254,617	917,228	796,711	1,110,184	658,706	435,512	4,651	19,127	21,510				
5 to 14 years.....	3,494,718	3,422,521	2,168,860	2,016,739	1,135,501	1,235,734	125,895	99,151	46,047	45,145				
15 to 24 years.....	3,529,212	3,052,135	1,926,247	1,648,577	1,138,916	1,014,225	1,022,522	577,885	57,885	54,250				
25 to 44 years.....	5,495,564	4,651,020	2,553,247	2,148,467	1,550,153	1,336,909	1,280,697	1,073,821	115,107	86,767				
45 to 64 years.....	2,936,108	2,315,690	1,370,689	1,164,044	642,011	318,662	872,971	701,583	46,805	36,669				
65 years and over.....	929,814	742,415	479,083	379,154	77,691	42,794	359,558	310,416	12,333	9,140				
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.5	11.1	12.8	13.1	11.9	13.7	0.7	0.3	7.8	8.5				
5 to 14 years.....	19.1	21.4	22.2	22.8	22.2	27.3	3.1	3.8	15.3	18.3				
15 to 24 years.....	19.3	19.1	19.8	19.4	22.3	22.0	13.1	12.7	19.7	21.6				
25 to 44 years.....	29.8	29.1	26.0	26.3	29.4	29.0	41.8	41.0	37.2	33.7				
45 to 64 years.....	16.4	14.5	14.1	13.7	12.6	6.9	28.5	30.2	15.6	14.2				
65 years and over.....	5.1	4.6	4.9	4.5	1.5	0.9	11.7	11.8	4.1	3.5				
<b>WEST NORTH CENTRAL.</b>														
All ages, number.....	11,637,921	10,347,423	6,823,687	5,860,803	3,214,702	2,873,809	1,613,231	1,331,105	242,662	237,909				
Under 5 years.....	1,310,909	1,254,617	917,228	796,711	1,110,184	658,706	435,512	4,651	19,127	21,510				
5 to 14 years.....	2,400,375	2,395,946	1,530,803	1,422,333	765,238	601,660	54,184	51,730	40,175	50,081				
15 to 24 years.....	2,347,750	2,040,145	1,322,316	1,122,793	790,598	667,035	177,511	189,629	49,172	52,903				
25 to 44 years.....	4,856,564	4,651,020	2,553,247	2,148,467	1,550,153	1,336,909	1,280,697	1,073,821	115,107	86,767				
45 to 64 years.....	1,718,233	1,366,402	829,423	704,131	322,032	148,722	523,503	476,058	36,596	30,827				
65 years and over.....	532,623	490,569	268,517	199,029	35,282	20,603	216,414	170,262	9,954	8,493				
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.3	12.2	14.1	14.1	11.2	15.2	0.5	0.3	7.9	9.0				
5 to 14 years.....	20.6	23.2	23.5	23.8	23.1	28.8	3.4	3.4	16.6	21.1				
15 to 24 years.....	20.2	19.7	20.3	19.8	24.6	23.2	11.0	12.4	20.5	22.2				
25 to 44 years.....	28.4	27.6	25.1	24.7	29.2	25.7	39.0	41.0	35.3	30.1				
45 to 64 years.....	16.4	14.5	14.1	13.7	12.6	6.9	28.5	30.2	15.6	14.2				
65 years and over.....	4.6	3.9	4.1	3.5	1.1	0.7	13.4	11.1	4.1	3.5				
<b>SOUTH ATLANTIC.</b>														
All ages, number.....	12,194,895	10,443,460	7,341,205	6,107,314	433,843	383,681	290,555	208,683	4,112,488	3,720,017				
Under 5 years.....	1,657,219	1,447,579	1,027,832	856,012	64,686	44,433	880	570,516	545,284					
5 to 14 years.....	2,920,968	2,627,533	1,746,118	1,527,854	88,228	84,886	15,852	8,976	1,068,275	1,004,098				
15 to 24 years.....	2,483,217	2,190,835	1,470,019	1,260,238	69,114	77,903	47,898	23,865	883,929	834,522				
25 to 44 years.....	3,142,185	2,513,711	1,894,458	1,464,497	131,872	130,885	126,022	80,438	1,016,859	835,014				
45 to 64 years.....	1,030,570	1,274,214	945,517	771,500	72,172	43,495	69,007	64,956	442,290	393,205				
65 years and over.....	499,628	361,355	278,967	214,785	12,072	7,909	29,089	27,089	119,121	111,821				
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	13.6	13.9	14.0	14.0	12.0	13.0	0.9	0.4	15.1	14.6				
5 to 14 years.....	24.0	25.2	23.8	25.0	20.1	21.8	5.5	4.3	26.0	25.9				
15 to 24 years.....	20.4	21.0	20.0	20.6	18.3	20.0	16.1	12.4	21.5	22.1				
25 to 44 years.....	24.0	24.0	23.4	23.4	24.0	24.0	23.0	24.0	24.0	24.0				
45 to 64 years.....	12.6	12.2	12.9	12.6	16.4	11.2	23.8	31.1	10.8	10.8				
65 years and over.....	3.6	3.5	3.8	3.5	2.7	2.0	0.0	13.0	2.9	3.0				

## ABSTRACT OF THE CENSUS—POPULATION.

DISTRIBUTION BY AGE PERIODS OF THE TOTAL POPULATION, BY DIVISIONS: 1910 AND 1900—Continued.

[Totals for all ages include persons of unknown age.]

Table 11—Continued. DIVISION AND AGE PERIOD.	ALL CLASSES.		NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.	
	1910	1900	Native parentage.		Foreign or mixed parentage.		1910	1900	1910	1900
			1910	1900	1910	1900				
<b>EAST SOUTH CENTRAL.</b>										
All ages, number.....	8,409,901	7,547,757	5,452,492	4,725,774	214,977	223,391	86,857	39,632	2,652,513	2,499,888
5 to 14 years.....	1,160,471	1,055,904	736,620	688,544	15,048	18,626	626	626	247,933	238,981
15 to 24 years.....	2,040,195	1,939,802	1,339,459	1,226,281	32,183	44,517	3,350	2,295	664,288	665,981
25 to 44 years.....	1,719,259	1,601,614	1,102,123	985,975	35,375	50,880	8,430	7,739	569,118	556,432
45 to 64 years.....	2,134,884	1,791,830	1,343,463	1,108,897	70,934	86,826	28,573	24,155	680,807	560,108
65 years and over.....	1,043,077	891,182	670,749	561,166	45,003	24,157	28,941	34,979	300,000	270,496
	297,289	242,903	193,484	147,702	5,654	4,178	13,567	15,003	82,484	75,917
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	13.8	14.0	14.6	14.6	7.0	8.2	6.5	6.2	13.1	13.9
5 to 14 years.....	24.3	25.7	24.9	25.9	13.4	15.4	3.9	2.6	25.1	26.6
15 to 24 years.....	20.4	21.2	20.2	20.0	18.1	22.2	9.7	8.6	21.5	22.3
25 to 44 years.....	25.4	24.6	23.4	23.4	37.9	37.9	34.5	32.5	25.7	25.7
45 to 64 years.....	25.4	11.8	12.3	11.9	25.0	10.5	33.3	39.0	11.3	10.8
65 years and over.....	3.5	3.2	3.5	3.1	2.6	1.8	1.7	1.7	3.1	3.0
<b>WEST SOUTH CENTRAL.</b>										
All ages, number.....	8,784,534	6,522,290	5,767,449	4,023,944	605,283	478,111	348,759	264,010	1,984,426	1,694,906
Under 5 years.....	1,235,638	960,174	877,638	632,442	79,676	71,493	5,969	2,862	258,012	242,448
5 to 14 years.....	2,171,364	1,738,339	1,465,943	1,104,329	148,061	132,535	27,435	17,987	545,974	494,436
15 to 24 years.....	1,912,549	1,399,280	1,189,485	827,607	127,028	103,465	50,496	35,908	429,272	388,800
25 to 44 years.....	2,283,039	1,564,774	1,443,297	931,310	169,275	129,619	133,434	101,620	519,867	387,871
45 to 64 years.....	1,016,938	723,699	632,834	427,889	70,917	35,466	96,022	80,643	219,554	173,579
65 years and over.....	246,477	160,983	146,523	86,022	8,847	5,052	34,246	29,709	55,073	44,770
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	14.1	14.7	15.2	15.7	13.2	15.0	1.7	1.1	13.0	14.3
5 to 14 years.....	24.7	26.6	25.5	27.4	24.5	27.7	7.9	6.8	25.5	27.4
15 to 24 years.....	20.6	20.8	20.6	20.8	21.1	21.0	14.5	13.6	21.6	21.8
25 to 44 years.....	26.0	24.0	25.0	23.1	28.0	27.1	38.3	38.5	22.9	22.9
45 to 64 years.....	11.6	11.1	11.0	10.6	11.7	7.4	27.5	30.5	10.6	10.2
65 years and over.....	2.8	2.5	2.5	2.1	1.5	1.1	9.8	9.0	2.8	2.7
<b>MOUNTAIN.</b>										
All ages, number.....	2,632,517	1,674,657	1,466,624	855,101	616,321	436,393	436,910	288,361	21,467	16,990
Under 5 years.....	305,804	203,676	207,466	122,351	81,530	69,999	4,226	1,526	1,350	981
5 to 14 years.....	575,474	338,276	327,827	204,824	143,790	124,566	19,668	10,733	2,648	2,010
15 to 24 years.....	535,531	301,155	288,255	154,449	133,258	92,277	64,381	37,016	3,718	3,288
25 to 44 years.....	833,011	539,431	420,567	241,031	187,832	122,401	207,779	144,024	9,718	6,731
45 to 64 years.....	368,028	216,386	179,465	101,365	61,655	24,444	110,164	75,859	5,380	2,083
65 years and over.....	78,517	45,820	39,295	21,634	6,050	2,469	28,183	18,093	548	282
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.6	12.2	14.1	14.3	13.2	16.0	1.0	0.5	6.3	6.3
5 to 14 years.....	21.5	21.4	22.3	24.0	23.3	28.5	4.5	3.7	12.9	12.9
15 to 24 years.....	19.2	18.0	18.5	18.1	21.9	21.1	14.7	12.8	17.3	20.9
25 to 44 years.....	30.4	32.2	28.7	28.5	30.4	28.0	47.6	49.9	45.3	43.2
45 to 64 years.....	14.0	12.9	12.2	11.9	10.0	6.6	25.2	26.3	15.6	13.4
65 years and over.....	3.0	2.7	2.7	2.3	1.0	0.6	8.5	6.3	2.6	1.8
<b>PACIFIC.</b>										
All ages, number.....	4,192,304	2,416,692	2,108,770	1,165,621	1,052,655	655,501	861,448	472,491	29,195	14,664
Under 5 years.....	362,626	220,321	224,118	126,713	122,855	86,310	5,778	1,466	1,878	1,087
5 to 14 years.....	635,316	435,444	387,258	249,372	222,119	180,288	31,230	12,869	3,837	2,493
15 to 24 years.....	788,637	432,610	405,727	218,637	235,228	147,674	112,538	46,711	5,123	2,983
25 to 44 years.....	1,474,057	797,075	694,547	340,758	337,056	189,059	389,541	217,444	10,000	5,524
45 to 64 years.....	710,369	387,400	320,107	165,855	118,531	44,013	237,587	149,133	4,822	2,245
65 years and over.....	189,989	108,002	96,852	54,145	16,074	7,540	71,965	42,148	909	554
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.6	9.1	10.6	10.9	11.7	13.2	0.7	0.3	7.4	7.4
5 to 14 years.....	15.6	18.8	18.4	21.4	21.1	27.5	2.6	2.7	12.1	17.0
15 to 24 years.....	18.7	17.9	19.2	18.8	22.3	22.5	13.1	9.9	17.6	17.6
25 to 44 years.....	35.2	33.0	31.5	29.2	32.0	28.8	46.4	46.9	43.5	37.7
45 to 64 years.....	16.9	16.0	15.2	14.2	13.5	6.7	27.6	31.6	15.5	13.5
65 years and over.....	4.5	4.5	4.6	4.6	1.5	1.1	8.3	8.9	3.1	3.8

# AGE DISTRIBUTION.

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## DISTRIBUTION BY AGE PERIODS OF THE POPULATION, BY STATES, 1910.

[Totals for each age include persons of unknown age.]

Table 12 STATE AND CLASS OF POPULATION.	All ages.	AGE PERIODS.										
		Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.
<b>NEW ENGLAND</b>												
<b>Maine</b> .....	472,371	71,845	66,633	64,588	65,136	61,782	57,418	53,361	98,745	81,621	55,892	61,072
Native white-Native parentage.....	494,827	77,472	72,456	71,485	71,425	68,594	64,598	60,377	56,861	44,849	25,174	21,600
Native white-Foreign or mixed par.....	134,955	24,941	21,011	18,432	16,207	11,361	8,266	7,074	11,832	8,669	4,462	9,133
Foreign-born white.....	10,133	1,919	3,278	4,162	7,502	11,945	12,981	11,862	22,115	15,885	9,429	11,109
Negro.....	1,363	117	80	117	145	154	135	102	183	145	117	83
<b>New Hampshire</b> .....	430,372	39,881	36,373	36,271	37,066	36,533	33,675	31,794	60,135	48,483	34,269	34,070
Native white-Native parentage.....	490,251	19,102	17,539	17,744	17,425	16,319	15,580	15,537	30,809	28,881	24,484	21,636
Native white-Foreign or mixed par.....	163,117	19,307	16,826	15,179	12,931	8,980	6,406	5,517	9,076	5,494	2,373	3,616
Foreign-born white.....	96,558	1,122	2,469	3,304	7,480	11,499	11,812	10,654	20,038	14,011	7,868	6,131
Negro.....	564	40	44	40	51	45	66	45	86	78	28	36
<b>Vermont</b> .....	355,356	34,171	32,657	31,451	31,183	28,785	27,085	26,089	49,139	38,223	28,714	28,262
Native white-Native parentage.....	409,342	47,476	45,062	43,696	43,662	41,414	39,663	37,553	50,377	35,174	24,484	18,675
Native white-Foreign or mixed par.....	75,055	9,686	8,662	8,186	7,600	5,773	5,157	5,223	10,122	7,883	4,415	3,329
Foreign-born white.....	49,861	722	1,485	1,605	2,798	4,755	5,468	5,235	9,545	7,092	5,132	5,200
Negro.....	1,621	162	73	72	87	320	241	224	391	99	62	39
<b>Massachusetts</b> .....	3,386,416	328,986	284,846	284,969	286,561	325,382	313,699	280,781	500,349	352,763	210,369	178,015
Native white-Native parentage.....	3,103,423	108,008	94,575	95,355	92,113	60,673	56,952	75,280	122,514	96,840	67,584	57,284
Native white-Foreign or mixed par.....	1,170,447	208,865	175,196	159,342	138,856	105,751	82,964	71,987	119,426	72,886	36,129	8,605
Foreign-born white.....	1,051,050	8,457	21,909	29,249	62,540	124,502	160,045	126,120	229,086	152,894	86,155	67,545
Negro.....	38,005	3,448	2,869	2,955	2,970	5,331	4,628	6,623	9,703	7,762	3,872	1,199
<b>Rhode Island</b> .....	542,610	54,098	48,447	47,014	51,998	53,618	50,125	44,713	78,849	56,073	37,875	28,290
Native white-Native parentage.....	597,347	64,347	58,146	57,433	58,425	58,875	52,659	49,883	66,881	44,849	31,523	12,976
Native white-Foreign or mixed par.....	194,646	35,140	29,037	26,164	23,900	18,351	14,126	12,129	19,164	11,076	4,151	1,297
Foreign-born white.....	178,625	1,704	4,417	6,242	12,783	20,488	22,220	20,236	37,844	26,408	14,660	10,341
Negro.....	9,529	869	734	714	722	887	1,061	967	1,540	1,949	977	379
<b>Connecticut</b> .....	1,114,756	112,244	101,456	95,272	101,025	108,329	101,654	90,665	169,890	113,340	68,756	59,588
Native white-Native parentage.....	1,223,821	127,092	120,983	115,022	115,622	113,116	108,311	97,450	207,410	150,811	94,823	85,299
Native white-Foreign or mixed par.....	374,489	70,610	56,821	49,602	43,828	32,600	25,301	22,528	38,460	29,967	7,947	2,546
Foreign-born white.....	328,759	2,181	7,398	9,329	20,847	41,291	44,904	39,144	69,573	46,080	26,402	20,550
Negro.....	15,174	1,307	1,309	1,244	1,213	1,430	1,604	1,496	2,548	1,908	878	620
<b>MIDDLE ATLANTIC</b>												
<b>New York</b> .....	9,133,414	898,827	803,868	785,836	842,448	938,941	878,843	788,304	1,332,175	921,981	532,049	418,155
Native white-Native parentage.....	3,209,325	361,400	329,022	321,257	319,190	307,707	291,621	232,654	383,802	290,160	200,429	197,165
Native white-Foreign or mixed par.....	5,924,089	605,722	591,877	559,612	520,845	577,726	587,222	555,650	948,373	631,821	331,620	320,990
Foreign-born white.....	2,729,272	20,845	73,489	96,319	182,629	344,530	368,780	316,096	545,585	376,729	222,259	178,845
Negro.....	134,191	10,061	8,287	9,310	9,818	17,451	20,079	20,691	23,210	11,468	5,228	3,473
<b>New Jersey</b> .....	2,457,167	266,842	242,279	228,695	236,541	250,613	236,172	213,082	366,285	248,288	138,417	107,087
Native white-Native parentage.....	1,089,900	114,416	107,428	109,707	98,844	92,798	82,183	74,102	126,258	91,120	62,948	55,943
Native white-Foreign or mixed par.....	1,367,267	152,426	134,851	128,970	137,697	157,815	154,989	138,980	242,027	157,168	75,469	72,300
Foreign-born white.....	658,188	5,360	15,980	19,885	40,247	78,486	88,346	80,021	140,739	94,333	33,191	24,908
Negro.....	89,760	7,922	7,261	6,878	7,428	10,124	10,575	9,855	15,828	8,422	3,999	4,098
<b>Pennsylvania</b> .....	7,655,111	884,270	779,091	711,565	722,479	750,393	708,689	618,731	1,030,927	713,731	422,555	308,911
Native white-Native parentage.....	4,222,727	510,631	488,456	440,346	427,080	399,774	384,046	346,401	603,293	367,775	247,528	201,617
Native white-Foreign or mixed par.....	3,432,384	373,739	390,635	471,219	324,399	350,619	324,643	272,330	427,634	345,956	175,027	126,293
Foreign-born white.....	1,438,719	11,802	36,333	41,690	81,499	184,784	212,682	182,448	298,690	190,180	105,472	89,344
Negro.....	189,191	17,315	15,478	14,840	15,466	20,113	24,684	20,845	33,189	17,489	7,742	5,049
<b>EAST NORTH CENTRAL</b>												
<b>Ohio</b> .....	4,767,121	479,475	438,899	425,602	446,912	453,526	426,693	377,912	650,864	486,039	313,096	261,810
Native white-Native parentage.....	3,033,239	355,022	325,556	310,315	309,180	287,729	255,223	217,514	358,758	264,800	186,436	158,346
Native white-Foreign or mixed par.....	1,733,882	124,453	113,343	115,287	136,732	165,797	171,463	160,398	292,106	221,239	136,660	127,881
Foreign-born white.....	597,245	4,453	15,118	14,439	24,392	60,883	75,065	65,124	112,946	82,106	40,740	27,586
Negro.....	111,452	8,021	8,621	8,964	9,855	11,801	12,033	10,232	17,701	11,442	6,146	5,037
<b>Indiana</b> .....	2,700,876	275,824	264,947	255,568	259,149	251,288	229,494	198,186	354,468	276,835	182,336	149,474
Native white-Native parentage.....	2,130,088	243,438	231,980	229,533	217,257	200,394	175,461	160,057	233,621	195,564	114,413	111,640
Native white-Foreign or mixed par.....	569,788	26,399	26,286	27,034	31,228	50,816	53,028	50,133	62,840	50,668	25,843	20,827
Foreign-born white.....	159,222	985	2,741	2,698	5,150	14,879	17,023	15,838	28,386	24,881	11,100	6,090
Negro.....	60,320	4,763	4,907	4,984	5,432	6,444	6,610	6,517	9,362	6,136	3,424	2,498
<b>Illinois</b> .....	5,638,591	597,899	546,868	520,955	544,891	677,168	590,520	450,303	767,763	542,677	302,808	234,374
Native white-Native parentage.....	2,600,555	347,239	311,147	280,757	270,851	252,705	216,102	174,415	285,883	204,674	122,286	110,391
Native white-Foreign or mixed par.....	3,038,036	250,660	235,721	240,198	274,040	424,463	374,418	275,888	481,879	337,953	180,522	124,983
Foreign-born white.....	1,262,560	8,427	25,584	26,654	31,155	126,618	127,173	137,965	248,829	193,518	118,785	109,139
Negro.....	109,409	8,248	7,873	7,768	8,731	11,792	13,302	11,905	19,073	10,656	5,175	3,722
<b>Michigan</b> .....	2,180,173	298,554	275,367	258,480	266,830	264,880	240,313	210,982	361,137	287,157	186,707	156,519
Native white-Native parentage.....	1,224,841	164,724	149,262	125,465	117,366	106,394	94,216	80,463	134,253	107,075	80,659	73,190
Native white-Foreign or mixed par.....	954,832	127,010	126,105	133,015	149,483	158,486	146,597	130,519	227,884	180,246	105,049	81,285
Foreign-born white.....	595,924	4,846	11,153	13,097	21,661	50,476	62,169	62,064	117,146	108,832	75,800	67,758
Negro.....	17,115	1,285	1,273	1,276	1,378	1,712	1,821	1,550	2,731	1,928	1,168	938
<b>Wisconsin</b> .....	2,333,860	256,171	247,878	246,154	242,671	222,097	197,120	163,827	291,632	228,905	148,538	118,637
Native white-Native parentage.....	763,225	141,620	139,747	105,038	90,975	71,396	52,397	36,945	51,722	38,484	26,588	26,155
Native white-Foreign or mixed par.....	1,644,701	110,598	118,021	131,022	156,187	156,684	144,723	126,882	231,311	189,983	124,889	107,982
Foreign-born white.....	1,052,569	2,457	7,321	8,529	14,291	32,757	43,336	45,545	95,955	69,253	37,965	34,874
Negro.....	2,900	211	189	192	223	297	382	293	505	312	148	138
<b>WEST NORTH CENTRAL</b>												
<b>Minnesota</b> .....	2,575,708	226,840	220,233	214,402	215,148	216,670	187,438	155,126	252,868	193,399	104,660	86,057
Native white-Native parentage.....	705,081	101,321	84,034	69,979	61,684	55,330	44,233	32,886	48,153	35,164	21,407	18,

## DISTRIBUTION BY AGE PERIODS OF THE POPULATION, AND BY STATES: 1910—Continued.

[Totals for all ages include persons of unknown age.]

Table 12—Continued.

STATE AND CLASS OF POPULATION.	All ages.	AGE PERIODS.										
		Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.
<b>WEST NORTH CENTRAL—Contd.</b>												
Missouri.....	3,283,338	368,683	336,232	324,101	334,073	319,770	286,264	247,664	427,666	306,807	169,543	150,263
Native white—Native parentage.....	3,287,835	310,107	284,009	263,886	259,474	231,297	195,500	160,263	265,761	189,215	124,612	67,506
Native white—Foreign or mixed par.....	518,201	36,795	36,450	42,829	52,629	55,631	54,797	50,740	94,807	64,630	24,083	9,618
Foreign-born white.....	1,237,896	1,237,896	1,237,896	1,237,896	1,237,896	1,237,896	1,237,896	1,237,896	1,237,896	1,237,896	1,237,896	1,237,896
Negro.....	157,462	12,299	12,768	13,100	14,765	17,257	16,732	14,647	24,148	15,283	5,212	6,014
North Dakota.....	477,056	82,399	63,927	59,392	56,422	61,631	56,485	44,996	68,445	43,444	27,997	12,998
Native white—Native parentage.....	162,461	31,110	22,929	17,170	15,175	16,477	15,128	11,965	15,195	9,370	4,815	2,721
Native white—Foreign or mixed par.....	201,236	49,907	41,770	35,190	32,570	32,270	28,223	24,545	14,861	8,063	2,372	618
Foreign-born white.....	156,188	1,567	4,210	6,166	5,588	16,175	19,694	18,983	32,578	25,584	14,151	9,224
Negro.....	617	37	34	30	36	82	104	73	109	54	36	8
South Dakota.....	563,688	73,489	66,923	60,021	58,642	62,994	58,655	43,212	65,763	49,177	28,111	19,288
Native white—Native parentage.....	245,652	42,022	33,299	26,812	24,349	25,968	21,847	16,085	22,743	16,174	9,325	6,221
Native white—Foreign or mixed par.....	217,491	28,229	29,722	29,083	28,969	27,136	23,315	15,666	20,143	11,907	3,979	1,238
Foreign-born white.....	100,288	6100	1,083	2,044	3,463	8,334	10,228	10,164	20,666	15,184	10,617	6,180
Negro.....	817	60	60	62	61	98	110	84	148	81	28	25
Nebraska.....	1,192,214	140,096	126,066	121,782	124,516	123,104	105,572	86,136	136,123	106,507	65,580	50,771
Native white—Native parentage.....	1,042,075	96,668	79,682	69,600	66,875	65,294	55,141	41,959	65,019	49,818	31,481	23,648
Native white—Foreign or mixed par.....	362,533	41,961	44,768	48,004	51,790	45,889	35,084	26,465	35,539	22,210	9,182	5,506
Foreign-born white.....	175,865	882	2,483	5,414	4,830	12,385	15,772	16,406	35,022	25,545	14,220	9,278
Negro.....	7,689	477	487	438	533	867	1,143	933	1,438	800	326	183
Kansas.....	1,680,849	191,519	177,866	168,309	170,503	167,564	144,369	122,418	201,296	183,176	102,176	87,956
Native white—Native parentage.....	1,679,156	157,156	140,009	127,737	124,481	117,596	98,713	82,156	132,588	99,288	67,812	56,328
Native white—Foreign or mixed par.....	292,105	29,251	29,745	33,810	35,650	34,101	29,687	24,222	36,579	23,600	10,738	6,470
Foreign-born white.....	159,189	1,087	1,087	1,087	1,087	1,087	1,087	1,087	1,087	1,087	1,087	1,087
Negro.....	54,030	4,027	4,861	4,971	5,518	5,678	5,266	4,263	7,254	5,248	3,126	2,052
<b>SOUTH ATLANTIC</b>												
Delaware.....	302,322	20,045	19,197	19,308	19,460	19,256	17,933	15,173	26,954	21,284	13,412	10,455
Native white—Native parentage.....	297,829	13,698	12,450	12,577	12,836	11,815	10,916	9,176	15,966	13,257	9,110	7,200
Native white—Foreign or mixed par.....	25,873	3,863	3,066	2,790	2,821	2,243	1,842	1,784	3,394	2,611	1,070	514
Foreign-born white.....	175,865	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115
Negro.....	31,181	3,089	3,315	3,460	3,228	3,142	2,383	2,283	4,154	2,903	1,635	1,010
Maryland.....	1,285,346	137,714	133,682	129,605	127,973	123,240	110,005	95,766	170,657	126,689	77,941	60,667
Native white—Native parentage.....	764,627	90,049	85,983	82,671	80,973	73,488	63,499	54,402	91,107	66,333	43,516	34,720
Native white—Foreign or mixed par.....	191,828	24,965	19,292	19,359	19,460	16,764	14,764	14,340	26,822	23,070	10,461	4,415
Foreign-born white.....	232,250	29,987	28,809	24,595	23,988	23,501	21,623	16,270	30,097	20,822	11,200	8,575
Negro.....	232,250	29,987	28,809	24,595	23,988	23,501	21,623	16,270	30,097	20,822	11,200	8,575
District of Columbia.....	331,069	28,669	25,312	24,640	25,112	24,424	25,113	31,029	53,234	34,076	20,199	17,107
Native white—Native parentage.....	166,711	15,476	14,328	13,878	15,018	17,000	16,015	14,803	24,268	15,715	10,247	9,128
Native white—Foreign or mixed par.....	45,466	5,746	5,234	3,415	3,526	3,913	4,190	4,539	5,477	4,984	2,528	2,028
Foreign-born white.....	184,892	7,189	7,054	5,803	6,580	6,502	6,082	6,270	8,499	6,458	3,405	2,437
Negro.....	44,066	7,200	7,192	7,211	8,620	11,333	11,622	5,993	15,255	9,088	4,020	3,830
Virginia.....	2,081,612	268,825	256,460	237,562	217,272	216,306	181,302	157,073	229,738	165,006	108,677	84,961
Native white—Native parentage.....	1,325,238	170,465	163,215	149,363	137,127	122,798	102,676	89,106	146,677	106,688	72,477	57,083
Native white—Foreign or mixed par.....	191,828	4,984	4,222	3,947	3,802	3,773	2,678	2,678	5,039	3,708	1,888	1,421
Foreign-born white.....	57,938	9,816	9,874	4,663	4,481	4,189	4,225	4,333	8,547	6,580	3,052	1,706
Negro.....	701,966	86,555	88,123	83,395	75,947	60,300	52,237	40,588	72,406	51,743	29,683	23,921
West Virginia.....	1,231,119	169,116	146,178	131,027	125,145	121,514	107,325	88,338	139,788	100,733	58,736	42,192
Native white—Native parentage.....	1,042,107	151,885	134,338	119,445	110,029	99,657	84,900	70,352	112,601	74,514	47,716	36,207
Native white—Foreign or mixed par.....	157,938	9,816	9,874	4,663	4,481	4,189	4,225	4,333	8,547	6,580	3,052	1,706
Foreign-born white.....	57,938	9,816	9,874	4,663	4,481	4,189	4,225	4,333	8,547	6,580	3,052	1,706
Negro.....	64,173	6,974	6,274	5,424	6,579	8,891	8,265	5,754	8,484	4,187	1,864	1,267
North Carolina.....	2,206,267	332,782	290,900	285,964	242,678	245,075	177,661	137,478	208,910	160,313	108,660	75,682
Native white—Native parentage.....	1,485,718	222,899	192,444	174,355	160,398	138,037	113,527	93,027	144,243	111,774	77,176	55,058
Native white—Foreign or mixed par.....	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830
Foreign-born white.....	5,942	60	148	202	273	573	644	644	1,279	946	579	273
Negro.....	697,848	107,297	106,151	89,416	80,253	69,485	52,253	38,290	61,526	46,280	29,083	21,428
South Carolina.....	1,515,400	228,469	208,760	192,408	172,674	151,470	116,317	91,750	145,002	95,257	63,028	44,092
Native white—Native parentage.....	1,485,718	195,624	184,620	176,850	162,726	146,636	135,479	104,022	165,149	106,648	68,220	49,828
Native white—Foreign or mixed par.....	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830
Foreign-born white.....	6,054	46	97	145	231	485	637	605	1,221	926	771	836
Negro.....	835,845	128,712	123,697	114,341	99,118	85,305	63,247	46,194	75,811	61,215	30,280	21,917
Georgia.....	2,809,121	376,641	347,369	315,217	280,338	280,140	214,250	169,314	261,676	182,090	116,868	80,729
Native white—Native parentage.....	2,391,038	305,419	281,469	260,323	247,305	232,513	171,945	131,945	204,109	149,721	99,638	65,260
Native white—Foreign or mixed par.....	25,672	2,607	2,325	2,427	2,476	2,487	2,200	2,110	3,866	2,819	1,468	867
Foreign-born white.....	15,072	91	325	303	663	1,519	1,801	1,609	3,128	2,392	1,162	1,535
Negro.....	1,176,987	167,498	163,290	152,027	129,933	123,256	98,274	71,459	115,553	77,110	41,233	31,020
Florida.....	732,619	95,956	90,941	80,313	76,995	75,558	60,177	56,005	89,637	58,831	33,116	21,797
Native white—Native parentage.....	673,967	82,787	80,627	74,268	71,288	70,322	56,128	52,022	81,639	58,028	31,416	19,326
Native white—Foreign or mixed par.....	35,825	6,491	5,109	4,292	3,987	3,165	2,400	2,032	3,622	2,452	1,366	842
Foreign-born white.....	33,842	543	1,144	1,330	2,330	2,330	2,109	1,883	6,911	4,751	2,852	2,287
Negro.....	308,669	37,114	37,311	35,288	30,991	31,914	24,654	24,869	38,380	21,360	9,888	6,256
<b>EAST SOUTH CENTRAL</b>												
Kentucky.....	2,289,305	294,063	272,758	252,985	241,822	216,210	181,948	155,036	286,143	192,335	120,124	94,124
Native white—Native parentage.....	1,983,194	262,927	239,483	216,083	201,728	174,083	143,272	120,049	199,484	140,341	91,687	71,310
Native white—Foreign or mixed par.....	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830	1,115,830
Foreign-born white.....	40,053	113	369	408	897	1,885	2,628	2,				

AGE DISTRIBUTION.

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DISTRIBUTION BY AGE PERIODS OF THE POPULATION, BY STATES: 1910—Continued.

[Totals for all ages include persons of unknown age.]

Table 12—Continued.

STATE AND CLASS OF POPULATION.	All ages.	AGE PERIODS.										
		Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.
<b>EAST SOUTH CENTRAL—Contd.</b>												
Alabama	2,138,093	311,716	284,892	253,196	229,517	211,405	177,557	136,889	209,532	158,814	93,430	65,363
Native white—Native parentage.	1,177,459	183,253	168,514	136,874	126,039	113,226	94,609	76,628	111,063	84,461	55,787	30,813
Native white—Foreign or mixed par.	32,417	4,127	3,705	3,504	3,438	2,786	2,496	2,320	4,310	2,352	1,537	919
Foreign-born white	151,416	17,856	16,683	13,816	12,653	11,139	7,544	5,886	9,238	5,624	3,223	1,923
Negro.	908,212	123,991	121,935	112,129	99,130	93,670	78,334	55,845	90,450	68,415	34,534	24,770
Mississippi	1,787,214	259,661	244,273	219,914	186,241	176,469	146,983	117,631	182,607	115,235	77,426	54,338
Native white—Native parentage.	757,225	115,725	102,200	89,677	81,418	71,664	60,484	50,898	74,618	50,440	36,244	23,241
Native white—Foreign or mixed par.	30,608	1,556	1,463	1,683	1,717	1,373	1,153	1,655	5,113	2,915	1,616	691
Foreign-born white	9,389	63	280	366	441	759	889	844	1,812	1,403	1,212	290
Negro.	1,009,487	141,901	139,945	128,019	112,527	102,222	85,864	64,490	102,887	66,962	38,567	29,083
<b>WEST SOUTH CENTRAL</b>												
Arkansas	1,574,449	230,701	209,661	179,879	173,888	151,760	129,133	104,721	160,994	116,729	69,735	44,856
Native white—Native parentage.	1,071,509	169,391	150,929	122,986	118,910	100,954	85,170	78,488	105,404	75,024	49,298	30,301
Native white—Foreign or mixed par.	10,909	1,078	938	769	4,015	3,538	3,169	2,793	5,087	3,795	1,845	1,072
Foreign-born white	442,891	57,330	58,552	52,079	50,309	46,220	40,288	29,729	45,066	34,411	16,188	10,827
Negro.	1,456,338	224,069	218,743	193,791	175,227	161,915	141,908	113,862	184,442	115,189	65,725	49,733
Native white—Native parentage.	776,897	119,512	111,077	97,623	86,829	75,001	66,928	51,258	74,426	48,704	28,815	17,808
Native white—Foreign or mixed par.	112,717	11,353	10,416	9,115	9,107	9,107	9,028	9,903	14,333	8,635	6,445	3,648
Foreign-born white	51,782	326	1,123	1,567	2,315	4,335	4,918	4,913	9,748	8,219	6,789	3,981
Negro.	775,541	95,739	95,857	84,177	76,868	87,149	75,889	62,517	109,015	66,426	27,931	21,866
Oklahoma	1,637,155	241,904	217,775	186,689	174,492	159,009	141,918	110,815	185,400	129,684	70,813	41,045
Native white—Native parentage.	1,310,403	199,142	176,349	148,985	139,613	123,536	108,971	90,493	142,589	92,236	53,861	31,867
Native white—Foreign or mixed par.	94,044	10,201	10,565	10,492	10,237	9,141	8,282	7,526	12,760	8,326	3,920	1,917
Foreign-born white	49,494	280	740	866	1,353	2,008	4,076	4,161	8,849	7,722	3,940	3,900
Negro.	137,612	18,186	18,269	16,208	14,974	14,344	12,601	9,662	14,744	9,688	5,042	3,303
Texas	3,896,542	538,984	538,956	456,752	423,270	398,776	329,778	268,848	408,851	280,389	171,983	110,801
Native white—Native parentage.	2,692,950	389,273	383,946	310,648	285,709	254,272	213,634	176,838	229,150	174,705	113,191	67,679
Native white—Foreign or mixed par.	90,914	54,322	51,510	48,426	44,709	39,150	30,010	24,926	35,673	25,878	8,773	3,223
Foreign-born white	2,029,956	5,196	10,208	12,165	15,412	23,232	24,222	22,443	43,674	30,902	25,570	20,773
Negro.	699,499	90,057	92,903	85,461	77,329	75,109	61,727	45,249	70,080	46,087	24,325	19,027
<b>MOUNTAIN</b>												
Montana	376,953	38,323	34,179	29,666	29,864	43,147	44,284	36,701	54,109	36,149	16,679	9,988
Native white—Native parentage.	162,127	20,167	17,192	14,191	13,696	18,433	18,111	14,457	20,071	13,247	6,291	3,065
Native white—Foreign or mixed par.	106,839	15,844	14,447	12,755	11,929	11,974	10,897	11,660	15,053	10,368	6,707	3,146
Foreign-born white	94,644	746	1,412	1,432	1,162	11,399	14,700	12,858	20,963	14,188	5,941	3,539
Negro.	1,534	105	96	95	104	179	238	218	389	216	125	47
Wyoming	333,584	40,444	36,382	31,962	30,270	31,937	31,955	27,007	42,666	29,290	14,668	8,940
Native white—Native parentage.	203,599	31,561	26,624	22,223	20,084	19,322	17,660	15,726	22,440	15,668	8,156	4,226
Native white—Foreign or mixed par.	75,195	8,189	8,538	8,665	8,528	8,149	7,575	6,487	10,167	6,656	1,909	745
Foreign-born white	49,427	40	42	58	1,273	3,975	5,049	4,804	9,106	7,399	4,241	2,997
Negro.	161	521	40	33	19	82	89	83	78	33	36	30
Colorado	789,624	82,562	75,616	69,688	71,045	79,050	78,885	69,313	116,959	83,259	44,022	26,727
Native white—Native parentage.	475,176	61,292	49,888	45,023	45,013	47,056	44,915	38,949	62,268	45,758	24,724	16,016
Native white—Foreign or mixed par.	181,428	24,431	21,912	20,385	20,461	18,306	15,827	13,726	22,720	15,016	5,988	2,438
Foreign-born white	126,851	978	2,847	3,261	4,524	12,015	15,911	15,220	28,589	22,811	12,081	7,891
Negro.	11,453	768	755	807	832	1,101	1,384	1,293	2,279	1,390	533	305
New Mexico	327,301	45,289	41,928	34,408	32,457	30,921	27,823	22,998	39,113	26,912	16,071	9,888
Native white—Native parentage.	255,609	37,019	33,385	29,190	26,272	24,176	21,060	16,948	28,838	20,074	12,272	6,096
Native white—Foreign or mixed par.	26,331	4,241	3,482	2,951	2,724	2,397	2,094	1,871	2,243	2,042	669	428
Foreign-born white	49,354	404	1,928	1,928	2,288	3,354	2,632	3,184	4,425	3,159	1,883	1,037
Negro.	1,628	150	154	106	123	152	206	192	322	202	80	48
Arizona	204,354	24,778	21,197	18,091	17,369	20,756	21,975	18,446	28,667	17,195	9,049	5,794
Native white—Native parentage.	82,468	11,150	9,355	7,584	6,879	8,226	8,729	7,375	10,526	6,610	3,526	2,073
Native white—Foreign or mixed par.	171,663	37,324	29,774	25,606	24,492	28,526	28,246	24,071	35,685	24,062	13,628	8,721
Foreign-born white	46,824	1,056	2,014	2,073	2,778	5,994	7,258	5,958	9,426	5,474	2,913	1,743
Negro.	2,099	156	162	130	136	192	251	209	420	211	90	40
Utah	373,351	52,859	45,875	40,079	37,464	37,019	33,725	27,416	41,294	28,419	15,663	12,681
Native white—Native parentage.	217,673	32,024	27,274	22,506	21,019	19,179	17,019	8,567	27,262	18,078	9,156	5,156
Native white—Foreign or mixed par.	131,527	14,401	14,515	15,441	16,289	15,283	13,921	11,705	17,718	9,261	2,313	20,005
Foreign-born white	63,453	425	1,128	1,305	2,169	3,303	6,689	6,227	11,323	10,950	8,852	8,554
Negro.	6,144	56	144	55	68	70	156	184	245	161	31	11
Nevada	81,875	6,383	5,679	4,538	5,263	8,008	6,966	9,280	14,121	9,240	8,954	3,120
Native white—Native parentage.	35,320	3,855	3,315	2,660	2,451	3,124	3,764	3,663	6,142	3,334	1,815	1,144
Native white—Foreign or mixed par.	20,951	1,896	1,652	1,696	1,853	2,062	2,473	2,491	4,917	2,137	787	320
Foreign-born white	18,190	82	344	129	292	2,643	2,650	2,650	4,025	2,649	1,389	612
Negro.	173	26	18	18	15	41	63	80	135	64	28	20
<b>PACIFIC</b>												
Washington	1,141,990	108,756	93,678	82,892	99,647	122,658	128,074	108,993	187,453	117,465	57,985	36,373
Native white—Native parentage.	588,386	60,713	58,967	53,008	54,227	61,121	60,025	50,064	70,270	52,487	28,788	18,910
Native white—Foreign or mixed par.	282,528	37,796	34,429	33,243	35,284	30,962	36,387	21,471	42,313	20,005	7,365	3,165
Foreign-born white	241,167	16,085	13,791	12,604	8,302	25,493	34,462	31,160	53,328	41,983	20,900	13,479
Negro.	6,658	289	262	274	322	438	389	339	633	389	168	110
Oregon	627,765	60,211	58,723	55,776	60,749	74,428	69,730	52,263	97,451	72,384	39,862	28,153
Native white—Native parentage.	416,851	44,584	40,985	38,263	39,423	42,629	40,821	34,561	55,124	39,356	22,422	17,130
Native white—Foreign or mixed par.	110,983	13,288	13,791	12,604	10,749	10,443	9,645	8,563	17,291	10,974	4,521	2,823
Foreign-born white	100,001	658	1,584	1,531	3,721	10,449	13,447	12,603	21,683	18,473	10,862	7,426
Negro.	7,492	70	63	63	67	156	202	212	371	181	71	37
California	2,737,849	193,639	176,192	173,945	198,034	234,121	246,426	223,610	375,150	266,171	156,662	128,263
Native white—Native parentage.	1,112,801	112,800	106,283	93,467	106,283	109,149	109,149	109,149	121,111	95,095	68,915	48,119
Native white—Foreign or mixed par.	633,889	70,934	62,259	63,349	69,64							

## PER CENT DISTRIBUTION BY AGE PERIODS, BY DIVISIONS AND STATES: 1910.

[Percentages based on total population, which includes a small number of persons of unknown age.]

Table 13 DIVISION AND STATE.	PER CENT OF TOTAL POPULATION.											PER CENT—CONDENSED AGE GROUPING.					
	Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.	Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.
<b>United States</b> .....	11.6	10.6	9.9	9.9	8.8	8.9	7.8	12.7	3.1	5.5	4.3	11.6	20.5	19.7	25.1	14.6	4.3
<b>GEOGRAPHIC DIVISIONS:</b>																	
New England.....	9.8	8.9	8.5	8.9	9.4	8.9	8.0	14.5	10.5	6.6	5.9	9.8	17.4	18.3	31.4	17.1	5.9
Middle Atlantic.....	10.6	9.4	8.9	9.3	10.0	9.4	8.3	14.0	9.8	5.7	4.4	10.6	18.4	19.4	31.7	15.4	4.4
East North Central.....	10.5	9.7	9.4	9.6	9.7	8.9	7.7	13.2	10.0	6.1	5.1	10.5	19.1	19.3	29.8	16.1	5.1
West North Central.....	11.3	10.6	10.1	10.2	10.0	8.8	7.4	12.3	9.2	5.6	4.6	11.3	20.6	20.2	28.4	14.8	4.6
South Atlantic.....	13.6	12.5	11.4	10.6	9.8	8.2	6.7	10.9	7.6	4.9	3.6	13.6	24.0	20.4	25.8	12.6	3.6
East South Central.....	13.8	12.7	11.5	10.8	9.7	8.2	6.6	10.6	7.6	4.8	3.5	13.8	24.3	20.4	25.4	12.4	3.5
West South Central.....	14.1	13.1	11.6	10.8	9.9	8.4	6.9	10.7	7.2	4.3	2.8	14.1	24.7	20.6	26.0	11.6	2.8
Mountain.....	11.6	10.4	9.1	8.9	10.3	10.1	8.6	13.7	9.2	4.8	3.0	11.6	19.5	19.2	32.4	14.0	3.0
Pacific.....	8.6	7.9	7.7	8.5	10.2	10.5	9.3	15.3	10.9	6.1	4.5	8.6	15.6	18.7	35.2	16.9	4.5
<b>NEW ENGLAND:</b>																	
Maine.....	9.7	9.0	8.7	8.8	8.3	7.7	7.2	13.3	11.0	7.9	8.2	9.7	17.7	17.1	28.2	18.9	8.2
New Hampshire.....	9.2	8.6	8.4	8.8	8.6	7.8	7.4	14.0	11.3	8.0	7.9	9.2	17.0	17.4	29.2	19.2	7.9
Vermont.....	9.6	9.2	8.8	8.8	8.1	7.6	7.3	13.3	10.7	8.1	8.2	9.6	18.0	16.8	28.5	18.8	8.2
Massachusetts.....	9.8	8.8	8.5	8.8	9.7	9.3	8.3	14.9	10.5	6.2	5.2	9.8	17.2	18.5	32.5	16.7	5.2
Rhode Island.....	10.0	8.9	8.7	9.6	9.9	9.2	8.2	14.5	10.1	6.1	4.6	10.0	17.6	19.5	32.0	16.2	4.6
Connecticut.....	10.1	9.1	8.5	9.1	9.7	9.1	8.1	14.4	10.2	6.2	5.3	10.1	17.7	18.8	31.7	16.3	5.3
<b>MIDDLE ATLANTIC:</b>																	
New York.....	9.9	8.8	8.6	9.2	10.3	9.7	8.4	14.4	10.1	5.8	4.6	9.9	17.4	19.5	32.5	16.0	4.6
New Jersey.....	10.5	9.5	9.0	9.3	9.9	9.3	8.4	14.4	9.8	5.5	4.2	10.5	18.6	19.2	32.1	15.2	4.2
Pennsylvania.....	11.5	10.1	9.3	9.4	9.8	9.2	8.0	13.4	9.3	5.5	4.3	11.5	19.4	19.2	30.7	14.8	4.3
<b>EAST NORTH CENTRAL:</b>																	
Ohio.....	10.1	9.2	8.9	9.4	9.5	9.0	7.9	13.7	10.2	6.6	5.5	10.1	18.1	18.9	30.5	16.8	5.5
Indiana.....	10.2	9.8	9.5	9.6	9.3	8.5	7.3	13.1	10.3	6.8	5.5	10.2	19.3	18.9	29.0	17.0	5.5
Illinois.....	10.6	9.7	9.2	9.7	10.2	9.4	8.0	13.6	9.6	5.3	4.3	10.6	18.9	19.9	31.0	15.0	4.3
Michigan.....	10.6	9.8	9.2	9.5	9.4	8.6	7.5	12.9	10.2	6.6	5.6	10.6	19.0	18.9	28.9	16.9	5.6
Wisconsin.....	11.0	10.6	10.5	10.4	9.5	8.2	7.0	12.1	9.7	5.8	5.1	11.0	21.2	19.9	27.3	15.4	5.1
<b>WEST NORTH CENTRAL:</b>																	
Minnesota.....	10.9	10.6	10.3	10.4	10.4	9.0	7.4	12.2	9.3	5.0	4.1	10.9	20.9	20.8	28.6	14.3	4.1
Iowa.....	10.6	10.3	10.0	10.1	9.5	8.3	7.2	12.4	9.7	6.1	5.6	10.6	20.3	19.6	27.9	15.8	5.6
Missouri.....	10.9	10.3	9.8	10.1	9.7	8.7	7.5	13.0	9.4	5.8	4.6	10.9	20.1	19.9	29.1	15.1	4.6
North Dakota.....	14.3	12.1	10.3	9.8	10.7	9.8	7.8	11.3	7.6	3.8	2.2	14.3	22.4	20.5	29.0	11.3	2.2
South Dakota.....	12.6	11.5	10.3	10.0	10.8	9.4	7.4	11.3	8.4	4.8	3.3	12.6	21.7	20.8	28.1	13.2	3.3
Nebraska.....	11.8	10.7	10.2	10.4	10.3	8.9	7.2	11.6	8.9	5.5	4.3	11.8	21.0	20.8	27.7	14.4	4.3
Kansas.....	11.3	10.5	10.0	10.1	9.9	8.5	7.2	11.9	9.1	6.0	5.2	11.3	20.5	20.0	27.4	15.1	5.2
<b>SOUTH ATLANTIC:</b>																	
Delaware.....	9.9	9.5	9.5	9.6	9.5	8.6	7.5	13.3	10.6	6.6	5.2	9.9	19.0	19.1	29.4	17.2	5.2
Maryland.....	10.6	10.3	10.0	9.9	9.5	8.5	7.4	13.2	9.8	6.0	4.7	10.6	20.3	19.4	29.1	15.8	4.7
District of Columbia.....	8.1	7.6	7.4	8.5	10.4	10.6	9.4	16.1	10.3	6.1	5.1	8.1	15.1	18.9	36.1	16.4	5.1
Virginia.....	13.0	12.4	11.5	10.5	9.5	7.8	6.6	11.1	8.0	5.2	4.1	13.0	24.0	20.0	25.5	13.2	4.1
West Virginia.....	13.8	12.1	10.7	10.2	10.0	8.8	7.2	11.4	7.4	4.6	3.5	13.8	22.9	20.2	27.5	12.0	3.5
North Carolina.....	15.1	13.4	12.1	11.0	9.5	7.6	6.0	9.5	7.3	4.9	3.5	15.1	25.4	20.5	23.1	12.2	3.5
South Carolina.....	15.1	13.8	12.7	11.4	10.0	7.8	6.1	9.6	6.3	4.3	2.9	15.1	26.5	21.4	23.4	10.6	2.9
Georgia.....	14.4	13.3	12.1	10.7	10.0	8.2	6.5	10.0	7.0	4.5	3.1	14.4	25.4	20.7	24.7	11.5	3.1
Florida.....	12.9	12.1	10.7	10.1	10.4	9.2	7.4	11.9	7.6	4.4	2.9	12.9	22.8	20.6	28.5	12.0	2.9
<b>EAST SOUTH CENTRAL:</b>																	
Kentucky.....	12.9	11.9	11.0	10.6	9.4	7.9	6.8	11.6	8.4	5.2	4.1	12.9	23.0	19.9	26.3	13.6	4.1
Tennessee.....	13.5	12.3	11.1	10.9	9.7	8.1	6.7	10.8	7.9	5.1	3.8	13.5	23.5	20.5	25.5	13.0	3.8
Alabama.....	14.6	13.3	11.8	10.7	9.9	8.3	6.4	9.8	7.5	4.4	3.1	14.6	25.2	20.6	24.5	11.9	3.1
Mississippi.....	14.4	13.6	12.2	10.9	9.8	8.3	6.5	10.2	6.4	4.3	3.0	14.4	25.8	20.7	25.0	10.7	3.0
<b>WEST SOUTH CENTRAL:</b>																	
Arkansas.....	14.7	13.3	11.4	11.0	9.6	8.2	6.7	10.2	7.4	4.4	2.9	14.7	24.7	20.7	25.1	11.8	2.9
Louisiana.....	13.5	13.2	11.7	10.6	10.0	8.6	6.9	11.1	7.0	4.2	3.0	13.5	24.9	20.5	26.6	11.2	3.0
Oklahoma.....	14.6	13.1	11.2	10.5	9.6	8.4	7.0	11.2	7.4	4.3	2.5	14.6	24.4	21.1	26.6	11.7	2.5
Texas.....	13.8	13.1	11.7	10.9	10.0	8.5	6.9	10.5	7.2	4.4	2.8	13.8	24.8	20.9	25.9	11.6	2.8
<b>MOUNTAIN:</b>																	
Montana.....	10.2	9.1	7.9	7.9	11.5	11.8	9.8	14.9	9.6	4.2	2.4	10.2	17.0	19.4	36.5	13.8	2.4
Idaho.....	12.4	11.1	9.8	9.3	9.8	9.5	8.3	13.2	9.0	4.5	2.7	12.4	20.9	19.1	31.0	13.5	2.7
Wyoming.....	10.5	8.9	7.4	7.9	13.3	13.4	10.3	14.1	8.3	3.8	1.9	10.5	16.4	21.1	37.8	12.1	1.9
Colorado.....	10.3	9.5	8.7	8.9	9.9	9.9	8.7	14.6	10.4	5.5	3.3	10.3	18.2	18.8	33.1	15.9	3.3
New Mexico.....	13.8	12.5	10.5	9.9	9.5	8.5	7.0	12.0	8.2	4.9	3.0	13.8	23.0	19.4	27.5	13.1	3.0
Arizona.....	12.1	10.7	8.9	8.5	10.2	10.8	9.0	13.9	8.4	4.4	2.8	12.1	19.6	17.7	33.6	12.8	2.8
Utah.....	14.1	12.3	10.7	10.0	9.9	9.0	7.3	11.1	7.6	4.2	3.3	14.1	23.0	19.9	27.5	11.8	3.3
Nevada.....	7.8	6.9	6.0	6.4	9.8	11.7	11.3	18.1	11.3	6.1	3.8	7.8	13.0	16.2	41.2	17.4	3.8
<b>PACIFIC:</b>																	
Washington.....	9.5	8.7	8.1	8.7	10.7	11.0	9.4	14.7	10.3	5.1	3.2	9.5	16.9	19.4	35.1	15.3	3.2
Oregon.....	8.9	8.5	8.3	9.0	10.5	10.4	8.8	14.5	10.8	5.9	4.2	8.9	16.8	19.5	33.7	16.7	4.2
California.....	8.1	7.4	7.3	8.2	9.8	10.4	9.5	15.8	11.2	6.6	5.3	8.1	14.7	18.1	35.6	17.8	5.3

## DISTRIBUTION BY AGE PERIODS OF THE URBAN AND RURAL POPULATION FOR THE UNITED STATES AND GEOGRAPHIC DIVISIONS: 1910.

[Totals for all ages include persons of unknown age.]

DIVISION AND AGE PERIOD.	URBAN POPULATION.					RURAL POPULATION.				
	All classes.	Native white.		Foreign-born white.	Negro.	All classes.	Native white.		Foreign-born white.	Negro.
		Native percentage.	Foreign or mixed percentage.				Native percentage.	Foreign or mixed percentage.		
<b>UNITED STATES</b>										
All ages, number.....	42,823,383	17,849,644	12,346,900	9,635,369	2,889,229	49,348,983	31,528,831	6,560,937	3,710,176	7,128,534
Under 5 years.....	4,200,291	2,044,886	1,846,699	75,372	229,209	6,013,073	4,501,396	827,420	27,135	1,034,206
5 to 14 years.....	7,401,225	3,486,880	2,959,392	503,771	454,219	11,466,447	7,008,418	1,601,029	155,868	1,947,680
15 to 24 years.....	8,573,829	3,659,632	2,673,889	1,644,462	578,299	9,546,738	6,112,945	1,404,794	459,680	1,512,912
25 to 44 years.....	14,168,553	5,330,953	3,415,057	4,390,378	985,374	12,641,022	7,615,488	1,795,052	1,488,601	1,632,804
45 to 64 years.....	6,487,864	2,485,457	1,718,912	2,993,020	351,759	6,938,225	4,244,378	798,474	1,065,895	768,807
65 years and over.....	1,693,010	771,790	135,454	706,918	77,435	2,286,514	1,420,278	120,132	476,431	216,689
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.9	11.5	15.0	0.8	8.5	13.0	14.2	12.6	0.7	14.5
5 to 14 years.....	17.4	19.5	23.9	5.2	16.9	23.2	24.3	24.4	4.1	27.3
15 to 24 years.....	20.1	23.5	21.7	21.3	19.3	19.3	19.3	19.3	11.4	19.8
25 to 44 years.....	33.2	29.9	27.7	45.6	36.6	24.1	27.4	27.4	29.1	23.2
45 to 64 years.....	15.2	14.0	10.7	23.9	13.1	14.1	13.4	12.2	29.5	16.6
65 years and over.....	4.0	4.3	1.1	7.3	2.8	4.6	4.8	1.8	12.8	3.0
<b>NEW ENGLAND.</b>										
All ages, number.....	5,455,348	1,847,484	1,885,893	1,678,590	60,377	1,097,336	765,935	186,816	137,796	5,429
Under 5 years.....	558,000	180,154	137,657	14,809	5,263	1,022,825	750,471	20,312	1,286	615
5 to 14 years.....	947,587	316,356	352,639	88,655	9,190	163,211	133,300	32,019	1,011	1,011
15 to 24 years.....	1,025,549	344,402	391,775	908,010	10,775	170,017	116,453	54,363	20,870	1,042
25 to 44 years.....	1,759,621	530,723	432,411	781,111	24,046	227,615	150,993	67,627	39,707	1,686
45 to 64 years.....	901,122	336,745	146,387	377,263	9,412	222,552	163,749	22,915	34,846	807
65 years and over.....	277,455	155,660	14,132	105,522	2,050	106,572	87,854	4,302	14,018	306
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.9	9.8	18.1	0.9	8.6	9.4	9.2	16.2	0.9	11.3
5 to 14 years.....	17.4	17.1	28.5	5.3	17.6	17.6	17.4	17.8	4.8	18.6
15 to 24 years.....	18.8	17.0	21.0	14.8	17.7	15.8	15.2	18.4	15.1	19.2
25 to 44 years.....	32.3	28.2	23.2	46.6	39.5	27.1	25.2	22.9	43.2	30.1
45 to 64 years.....	16.5	13.5	8.4	23.5	13.5	20.3	22.4	13.5	24.4	14.2
65 years and over.....	5.1	8.4	0.8	6.3	3.4	4.7	11.5	2.3	10.2	6.5
<b>MIDDLE ATLANTIC.</b>										
All ages, number.....	13,723,373	4,718,452	4,805,981	4,049,477	339,246	5,592,519	3,744,498	985,331	776,702	78,824
Under 5 years.....	1,486,000	666,112	610,259	31,333	27,364	3,124,426	2,026,330	175,479	17,819	7,639
5 to 14 years.....	2,448,930	970,633	1,188,633	245,494	45,802	1,036,391	796,291	245,184	28,582	14,872
15 to 24 years.....	2,724,229	969,188	938,009	780,752	65,142	987,147	669,765	167,158	131,831	16,228
25 to 44 years.....	4,553,112	1,371,234	1,154,385	1,873,500	147,862	1,575,080	953,780	232,040	300,017	25,507
45 to 64 years.....	2,030,374	635,330	465,049	875,363	45,808	956,087	635,101	141,234	168,851	10,560
65 years and over.....	492,371	195,091	48,770	249,431	7,996	358,780	259,688	26,712	68,756	3,334
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.5	12.0	17.6	0.8	8.1	11.0	11.4	17.5	0.9	10.1
5 to 14 years.....	17.8	20.6	25.8	6.1	13.5	19.6	21.3	24.9	5.0	18.9
15 to 24 years.....	20.1	20.5	20.4	19.3	19.2	17.7	17.9	17.0	20.6	20.6
25 to 44 years.....	33.2	29.1	25.1	46.3	43.6	28.1	25.5	25.5	46.4	32.4
45 to 64 years.....	14.7	13.5	10.1	21.6	12.9	17.1	17.0	14.2	21.7	13.4
65 years and over.....	3.6	4.1	1.1	5.9	2.4	6.4	6.9	2.7	8.9	4.2
<b>EAST NORTH CENTRAL.</b>										
All ages, number.....	9,817,271	4,014,689	3,177,692	2,189,291	220,542	8,833,350	5,737,229	1,330,748	877,929	70,294
Under 5 years.....	944,122	400,769	420,255	16,622	16,230	963,300	704,482	188,431	4,226	7,198
5 to 14 years.....	1,631,950	804,660	1,174,648	97,773	31,493	1,828,768	1,364,200	417,633	28,053	14,554
15 to 24 years.....	1,947,443	836,224	737,474	528,309	44,399	1,581,769	1,069,820	401,442	74,213	13,286
25 to 44 years.....	3,170,047	1,173,201	929,011	979,546	94,012	2,965,857	1,839,274	882,364	301,131	19,828
45 to 64 years.....	1,487,384	533,870	346,557	570,994	35,491	1,448,174	836,819	295,544	301,977	11,399
65 years and over.....	364,406	160,117	33,544	192,858	7,785	535,408	318,966	44,147	166,670	4,548
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.6	11.2	15.2	0.8	7.0	11.2	13.3	15.3	0.5	10.2
5 to 14 years.....	17.8	20.0	22.6	4.5	13.7	21.2	23.8	21.0	3.2	20.7
15 to 24 years.....	20.2	20.8	23.2	15.0	19.3	18.3	19.0	20.8	8.5	18.9
25 to 44 years.....	32.0	29.2	29.0	44.3	40.2	28.2	26.7	27.2	46.3	32.2
45 to 64 years.....	15.5	13.3	10.9	26.1	15.4	16.8	14.6	15.3	34.4	16.2
65 years and over.....	4.1	4.0	1.1	8.8	3.4	6.2	5.6	2.3	19.0	6.5
<b>WEST NORTH CENTRAL.</b>										
All ages, number.....	3,873,716	1,984,327	1,090,055	831,694	164,301	7,764,205	4,539,360	2,124,854	981,835	78,261
Under 5 years.....	347,875	226,198	106,671	3,842	11,017	963,034	691,000	253,607	4,741	8,110
5 to 14 years.....	680,250	398,013	307,877	22,767	23,235	1,760,115	1,144,790	557,361	31,417	16,990
15 to 24 years.....	815,681	431,207	296,409	81,860	35,118	1,534,068	891,049	624,171	27,339	16,035
25 to 44 years.....	1,285,047	588,908	363,362	208,137	65,410	2,018,021	1,031,172	575,752	360,861	20,818
45 to 64 years.....	604,630	263,554	131,647	184,245	24,632	1,113,007	665,869	190,385	239,238	11,964
65 years and over.....	107,438	70,455	13,302	189,400	7,819	365,388	189,400	22,020	4,145	4,145
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.0	11.4	8.6	0.4	6.7	12.4	15.2	11.9	0.5	10.3
5 to 14 years.....	16.3	21.5	19.1	3.6	14.1	21.7	23.2	26.2	3.2	21.6
15 to 24 years.....	21.6	19.1	24.4	13.0	20.2	19.8	19.6	21.7	13.0	21.5
25 to 44 years.....	33.2	29.6	33.3	48.3	42.3	28.8	26.5	27.1	36.8	26.6
45 to 64 years.....	15.6	13.3	12.2	22.2	15.0	14.3	12.5	0.0	34.6	15.3
65 years and over.....	4.3	4.0	1.1	19.0	3.5	4.7	4.2	0.0	15.0	5.3

## DISTRIBUTION BY AGE PERIODS OF THE URBAN AND RURAL POPULATION FOR THE UNITED STATES AND GEOGRAPHIC DIVISIONS: 1910—Continued.

[Totals for all ages include persons of unknown age.]

DIVISION AND AGE PERIOD.	URBAN POPULATION.					RURAL POPULATION.				
	All classes.	Native white.		Foreign-born white.	Negro.	All classes.	Native white.		Foreign-born white.	Negro.
		Native percentage.	Foreign or mixed percentage.				Native percentage.	Foreign or mixed percentage.		
<b>SOUTH ATLANTIC.</b>										
All ages, number.....	3,092,153	1,675,819	313,415	191,756	909,520	9,102,742	5,665,386	128,428	98,799	3,202,968
Under 5 years.....	319,526	187,598	37,363	17,386	87,760	860,214	517,323	17,403	993	456,906
5 to 14 years.....	565,652	324,652	62,156	30,825	167,854	2,355,256	1,421,466	36,072	5,027	907,262
15 to 24 years.....	661,486	355,824	58,819	29,900	206,667	1,114,190	711,628	21,628	16,909	677,262
25 to 44 years.....	1,092,809	516,554	96,571	81,698	307,169	1,347,904	853,301	35,301	44,506	709,730
45 to 64 years.....	440,274	226,738	51,053	47,402	114,694	1,090,296	718,799	21,119	21,605	327,965
65 years and over.....	112,995	61,007	12,000	19,820	24,599	327,033	217,969	4,932	9,269	94,541
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.0	11.2	11.0	8.8	9.2	14.8	14.8	13.7	1.0	15.2
5 to 14 years.....	18.4	19.4	18.9	14.5	18.9	26.9	26.6	20.6	5.1	28.1
15 to 24 years.....	21.1	21.2	18.8	15.6	22.7	23.1	19.7	17.1	1.1	21.1
25 to 44 years.....	32.4	30.8	30.8	42.6	38.8	23.5	23.8	27.9	45.0	22.2
45 to 64 years.....	14.2	13.5	16.3	24.7	12.6	12.0	12.7	16.7	10.2	11.9
65 years and over.....	3.6	3.6	2.3	10.3	2.7	3.6	3.8	3.9	9.4	3.0
<b>EAST SOUTH CENTRAL.</b>										
All ages, number.....	1,574,229	856,826	148,982	57,332	809,697	6,835,672	4,895,666	94,995	28,925	2,143,419
Under 5 years.....	180,000	98,000	19,302	9,237	45,105	1,099,681	659,569	189	189	304,698
5 to 14 years.....	284,059	172,136	30,733	2,049	89,109	1,756,513	1,167,513	11,450	1,301	575,179
15 to 24 years.....	352,823	186,395	27,597	5,649	113,114	1,896,496	915,728	11,278	2,781	456,004
25 to 44 years.....	618,682	281,009	59,276	20,356	177,844	1,616,802	1,082,364	20,658	9,617	602,563
45 to 64 years.....	226,608	109,944	29,917	19,398	67,249	816,469	560,805	13,086	9,543	232,751
65 years and over.....	56,338	27,210	2,955	10,152	16,016	240,951	166,274	2,699	5,415	66,465
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.6	11.4	14.3	16.3	5.5	14.8	15.2	8.7	0.7	14.2
5 to 14 years.....	18.0	19.1	13.8	3.1	25.7	25.7	25.4	17.6	4.7	24.8
15 to 24 years.....	21.1	21.8	18.4	9.8	22.2	23.3	19.9	17.5	9.6	21.3
25 to 44 years.....	39.3	30.5	38.4	39.5	38.4	20.6	21.1	23.6	33.6	23.6
45 to 64 years.....	14.4	12.8	19.9	33.5	13.2	11.9	12.2	20.1	33.0	10.9
65 years and over.....	3.6	3.2	2.0	17.5	3.1	3.5	3.6	4.2	18.7	3.1
<b>WEST SOUTH CENTRAL.</b>										
All ages, number.....	1,557,456	1,142,638	238,288	136,808	435,833	6,827,078	4,524,813	368,994	211,951	1,448,585
Under 5 years.....	200,122	134,255	23,538	1,855	39,826	1,035,436	743,283	20,008	4,024	218,186
5 to 14 years.....	376,269	239,097	43,885	9,367	82,683	1,796,095	1,228,936	104,176	18,068	433,291
15 to 24 years.....	412,801	247,584	46,643	19,390	96,265	1,399,748	942,159	81,285	21,011	331,087
25 to 44 years.....	642,181	353,871	81,523	54,139	151,013	1,640,878	1,089,426	87,752	79,285	368,064
45 to 64 years.....	257,151	133,240	36,368	37,027	49,658	759,787	499,594	34,549	38,965	159,896
65 years and over.....	61,039	36,179	4,103	14,542	12,130	185,418	116,344	4,744	19,794	42,943
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	12.9	11.7	10.0	1.4	9.1	15.2	16.1	15.2	1.9	14.1
5 to 14 years.....	19.2	20.9	18.6	6.8	19.0	26.3	26.6	28.2	3.5	27.3
15 to 24 years.....	21.1	21.6	19.7	14.2	22.5	20.5	20.4	22.0	14.6	21.4
25 to 44 years.....	32.8	31.0	34.5	38.6	34.6	24.0	23.6	24.8	23.8	23.8
45 to 64 years.....	13.1	11.7	15.4	27.1	11.4	11.1	10.8	9.4	27.8	10.3
65 years and over.....	3.1	2.6	1.7	10.6	2.8	2.7	2.5	1.3	9.3	2.8
<b>MOUNTAIN.</b>										
All ages, number.....	947,511	491,829	259,131	173,331	15,448	1,688,006	974,795	397,790	263,579	6,021
Under 5 years.....	91,296	57,305	31,369	1,373	978	214,508	100,161	50,170	2,833	275
5 to 14 years.....	161,696	98,035	51,843	7,903	1,873	351,378	233,284	106,204	12,165	775
15 to 24 years.....	184,021	97,831	49,078	23,225	2,596	321,550	188,438	76,230	41,156	1,121
25 to 44 years.....	335,189	169,830	81,540	82,011	7,057	517,822	299,747	106,239	125,768	2,662
45 to 64 years.....	141,832	74,216	26,893	46,439	2,609	265,276	115,249	35,043	63,735	860
65 years and over.....	29,379	14,344	2,492	12,005	374	49,138	24,951	3,558	16,178	174
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.6	11.7	12.1	0.8	6.3	12.7	15.4	14.0	1.1	6.2
5 to 14 years.....	17.1	19.2	22.2	4.3	12.1	20.8	23.9	24.1	1.6	12.9
15 to 24 years.....	19.4	19.9	22.8	13.4	16.8	19.1	19.5	15.6	16.6	18.6
25 to 44 years.....	35.4	32.7	31.5	47.3	45.7	30.7	28.6	29.7	47.7	44.2
45 to 64 years.....	15.0	13.1	10.4	26.8	15.9	13.4	11.8	9.8	24.2	14.8
65 years and over.....	3.1	2.9	1.0	6.9	2.4	2.9	2.6	1.0	4.1	2.9
<b>PACIFIC.</b>										
All ages, number.....	2,382,329	1,117,581	648,448	528,488	24,362	1,895,975	991,179	465,207	332,960	4,833
Under 5 years.....	151,654	104,457	69,483	3,634	1,269	180,972	119,651	60,207	2,144	299
5 to 14 years.....	325,222	178,789	121,240	19,338	2,880	330,094	208,438	100,889	11,862	627
15 to 24 years.....	451,795	230,369	148,085	67,239	4,223	331,241	185,358	87,143	45,699	902
25 to 44 years.....	901,995	385,825	225,177	209,862	10,536	572,452	279,722	111,879	148,679	1,847
45 to 64 years.....	447,919	171,805	74,811	142,899	6,744	148,392	84,493	41,493	69,698	285
65 years and over.....	101,969	49,121	9,056	42,285	674	88,020	47,731	7,018	29,280	282
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.6	9.3	10.7	0.7	6.5	10.0	12.1	13.2	0.6	6.0
5 to 14 years.....	13.7	16.0	17.7	3.7	12.8	17.2	21.0	24.6	1.6	13.6
15 to 24 years.....	19.0	19.7	22.8	12.7	17.3	18.3	18.7	21.5	13.6	18.7
25 to 44 years.....	37.8	34.5	34.7	47.5	44.6	31.6	28.1	27.6	44.7	38.2
45 to 64 years.....	17.4	16.1	16.7	27.1	16.7	12.7	11.0	11.0	24.7	16.4
65 years and over.....	4.3	4.4	1.4	8.0	2.8	4.9	4.8	1.7	8.8	4.9

AGE DISTRIBUTION.

DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910.

[Totals for all ages include persons of unknown age.]

Table 13 CITY AND AGE PERIOD.	NATIVE WHITE.			Negro.	CITY AND AGE PERIOD.	NATIVE WHITE.			Negro.
	All classes.	Native parent-age.	Foreign or mixed parentage.			Foreign-born white.	All classes.	Native parent-age.	
<b>Albany, N. Y.</b>									
All ages, number.....	100,353	44,473	36,533	18,165	1,037				
Under 5 years.....	7,808	4,701	2,927	1,177	35				
5 to 14 years.....	14,904	8,907	6,186	668	142				
15 to 24 years.....	18,668	9,574	6,535	2,223	213				
25 to 34 years.....	23,424	11,288	14,429	6,428	353				
35 to 44 years.....	18,524	5,946	6,817	5,570	181				
45 to 64 years.....	5,427	1,956	7,422	2,687	42				
65 years and over.....									
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0				
Under 5 years.....	7.8	10.7	7.4	6.6	3.4				
5 to 14 years.....	14.9	20.0	14.2	13.7	6.8				
15 to 24 years.....	18.6	21.5	18.2	12.2	20.5				
25 to 34 years.....	35.0	28.9	39.5	37.8	40.3				
35 to 44 years.....	18.5	13.4	18.7	17.5	14.2				
45 to 64 years.....	5.4	4.4	2.0	14.8	4.1				
65 years and over.....									
<b>Bridgeport, Conn.</b>									
All ages, number.....	102,064	27,156	37,314	36,180	1,332				
Under 5 years.....	10,657	2,739	3,749	2,929	114				
5 to 14 years.....	17,158	4,884	10,297	7,189	185				
15 to 24 years.....	20,859	5,194	7,610	7,806	241				
25 to 34 years.....	35,673	8,248	11,423	11,303	582				
35 to 44 years.....	14,535	4,408	3,075	6,857	179				
45 to 64 years.....	3,287	1,517	1,918	1,574	30				
65 years and over.....									
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0				
Under 5 years.....	10.4	10.2	19.9	8.8	8.6				
5 to 14 years.....	16.7	18.0	27.6	14.7	17.5				
15 to 24 years.....	20.4	19.1	20.4	21.6	48.1				
25 to 34 years.....	34.8	30.9	33.3	49.2	43.7				
35 to 44 years.....	14.2	16.2	8.2	19.0	13.4				
45 to 64 years.....	3.3	5.6	0.5	4.4	2.3				
65 years and over.....									
<b>Buffalo, N. Y.</b>									
All ages, number.....	423,715	119,692	183,673	118,444	1,773				
Under 5 years.....	42,257	15,876	25,409	880	88				
5 to 14 years.....	77,449	45,223	5,114	138					
15 to 24 years.....	87,106	28,152	41,273	17,335	310				
25 to 34 years.....	136,721	34,288	48,104	53,429	849				
35 to 44 years.....	65,476	11,349	27,958	31,802	387				
45 to 64 years.....	14,362	2,917	1,608	9,705	41				
65 years and over.....									
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0				
Under 5 years.....	10.0	13.3	13.8	0.7	5.0				
5 to 14 years.....	18.3	22.5	24.6	4.3	11.2				
15 to 24 years.....	20.6	23.6	22.2	14.6	17.5				
25 to 34 years.....	32.3	28.6	26.2	45.1	47.9				
35 to 44 years.....	15.5	9.5	12.0	26.8	16.2				
45 to 64 years.....	3.4	2.4	0.9	8.3	2.5				
65 years and over.....									
<b>Baltimore, Md.</b>									
All ages, number.....	558,885	261,474	134,870	77,943	84,749				
Under 5 years.....	28,966	15,936	474	6,628	10,802				
5 to 14 years.....	98,124	52,963	27,910	12,567	14,401				
15 to 24 years.....	112,966	57,671	26,011	11,432	17,820				
25 to 34 years.....	180,941	76,790	39,361	31,287	32,240				
35 to 44 years.....	91,955	35,127	22,626	20,386	12,838				
45 to 64 years.....	23,578	9,669	2,745	8,707	2,432				
65 years and over.....									
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0				
Under 5 years.....	9.3	11.1	11.8	0.6	7.8				
5 to 14 years.....	17.6	20.3	20.7	6.1	14.8				
15 to 24 years.....	20.2	22.1	19.3	14.8	21.0				
25 to 34 years.....	32.2	29.4	29.3	40.6	38.0				
35 to 44 years.....	16.3	13.4	16.8	29.5	15.1				
45 to 64 years.....	4.2	3.7	2.0	11.3	2.9				
65 years and over.....									
<b>Birmingham, Ala.</b>									
All ages, number.....	132,685	66,312	8,357	5,700	52,305				
Under 5 years.....	14,262	8,212	1,348	44	4,508				
5 to 14 years.....	24,324	12,985	2,138	372	8,909				
15 to 24 years.....	28,360	14,016	1,815	859	11,967				
25 to 34 years.....	46,917	22,105	2,135	2,643	20,069				
35 to 44 years.....	15,518	7,505	821	1,488	5,704				
45 to 64 years.....	2,763	1,467	466	332	898				
65 years and over.....									
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0				
Under 5 years.....	10.7	12.4	16.1	0.8	8.8				
5 to 14 years.....	18.3	19.5	25.6	6.5	17.0				
15 to 24 years.....	21.5	21.1	21.7	15.1	22.7				
25 to 34 years.....	35.4	33.3	25.5	45.7	38.4				
35 to 44 years.....	11.7	11.3	9.8	26.1	10.9				
45 to 64 years.....	2.1	2.2	1.1	5.8	1.7				
65 years and over.....									
<b>Boston, Mass.</b>									
All ages, number.....	670,585	157,870	257,104	240,722	13,964				
Under 5 years.....	67,923	44,710	17,529	4,919	6,922				
5 to 14 years.....	112,965	67,237	71,586	11,719	1,568				
15 to 24 years.....	123,016	27,994	32,570	39,916	2,203				
25 to 34 years.....	235,297	47,665	63,943	117,532	6,467				
35 to 44 years.....	108,739	27,816	22,978	55,944	2,104				
45 to 64 years.....	27,068	10,348	2,045	14,338	324				
65 years and over.....									
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0				
Under 5 years.....	9.5	10.5	17.1	6.6	6.9				
5 to 14 years.....	17.2	12.3	27.8	4.9	11.6				
15 to 24 years.....	18.3	17.7	20.5	16.6	16.2				
25 to 34 years.....	35.1	30.1	24.5	48.8	47.2				
35 to 44 years.....	16.1	12.6	8.2	24.1	15.5				
45 to 64 years.....	4.0	6.0	0.8	6.0	2.4				
65 years and over.....									
<b>Cambridge, Mass.</b>									
All ages, number.....	104,839	25,615	33,794	34,608	4,707				
Under 5 years.....	10,802	2,880	3,914	2,118	489				
5 to 14 years.....	16,676	4,644	11,204	4,401	828				
15 to 24 years.....	19,338	4,476	5,866	5,432	831				
25 to 34 years.....	34,901	7,085	8,808	17,131	1,712				
35 to 44 years.....	16,782	4,721	3,181	8,107	711				
45 to 64 years.....	4,642	1,979	316	2,202	141				
65 years and over.....									
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0				
Under 5 years.....	10.3	11.3	18.1	0.6	10.2				
5 to 14 years.....	17.5	17.4	29.1	4.3	17.6				
15 to 24 years.....	18.4	17.5	21.6	15.7	17.7				
25 to 34 years.....	33.3	27.7	22.4	49.5	36.4				
35 to 44 years.....	16.0	18.4	7.9	23.4	15.1				
45 to 64 years.....	4.4	7.7	0.8	6.4	3.0				
65 years and over.....									
<b>Chicago, Ill.</b>									
All ages, number.....	2,130,283	445,130	912,701	781,217	44,103				
Under 5 years.....	221,707	63,281	152,194	5,763	2,472				
5 to 14 years.....	377,093	89,886	245,952	60,888	4,297				
15 to 24 years.....	469,185	89,143	231,040	131,216	7,489				
25 to 34 years.....	749,461	133,135	220,255	372,650	22,222				
35 to 44 years.....	307,411	31,019	59,169	190,274	6,381				
45 to 64 years.....	60,228	12,446	5,584	43,291	897				
65 years and over.....									
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0				
Under 5 years.....	10.2	14.2	16.7	0.7	5.6				
5 to 14 years.....	17.3	20.2	26.9	4.7	9.7				
15 to 24 years.....	21.0	20.0	23.3	16.8	17.0				
25 to 34 years.....	34.3	29.9	24.1	47.7	50.4				
35 to 44 years.....	14.1	11.5	6.5	24.4	14.5				
45 to 64 years.....	2.8	2.8	0.4	5.5	2.0				
65 years and over.....									
<b>Cincinnati, Ohio.</b>									
All ages, number.....	363,591	154,337	132,190	56,792	13,639				
Under 5 years.....	29,173	20,253	7,522	2,518	314				
5 to 14 years.....	55,825	35,118	16,451	2,010	2,243				
15 to 24									

DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals for all ages include persons of unknown age.]

Table 15—Continued.		NATIVE WHITE.				NATIVE WHITE.					
CITY AND AGE PERIOD.	All classes.	Native percentage.	Foreign or mixed percentage.	Foreign-born white.	Negro.	CITY AND AGE PERIOD.	All classes.	Native percentage.	Foreign or mixed percentage.	Foreign-born white.	Negro.
<b>Cleveland, Ohio.</b>						<b>Fall River, Mass.</b>					
All ages, number.....	560,663	132,314	223,908	185,703	8,448	All ages, number.....	119,295	15,552	52,125	50,574	355
Under 5 years.....	62,512	18,603	41,633	1,602	519	Under 5 years.....	13,997	2,563	10,867	542	25
5 to 14 years.....	97,481	27,175	57,855	11,500	938	5 to 14 years.....	24,287	3,840	17,086	3,148	41
15 to 24 years.....	114,971	28,680	71,287	14,857	1,012	15 to 24 years.....	24,084	2,704	11,404	9,343	32
25 to 44 years.....	182,924	40,876	55,410	25,330	3,970	25 to 44 years.....	35,981	3,475	10,159	22,141	165
45 to 64 years.....	75,332	14,715	55,854	43,484	1,185	45 to 64 years.....	16,927	2,307	2,456	12,078	58
65 years and over.....	16,790	3,706	1,928	11,550	204	65 years and over.....	4,605	905	149	2,947	4
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.1	14.1	18.6	6.8	6.4	Under 5 years.....	11.7	16.2	20.8	1.1	7.0
5 to 14 years.....	17.4	20.5	25.8	5.9	11.1	5 to 14 years.....	20.4	24.2	32.8	6.5	17.5
15 to 24 years.....	20.5	20.2	25.1	17.8	19.1	15 to 24 years.....	20.2	17.4	21.9	19.3	11.5
25 to 44 years.....	34.4	30.9	24.7	47.3	47.0	25 to 44 years.....	30.2	21.9	19.5	33.5	46.5
45 to 64 years.....	13.4	11.1	7.1	22.2	14.0	45 to 64 years.....	14.2	14.5	4.7	23.7	16.3
65 years and over.....	3.0	2.8	0.6	5.9	2.4	65 years and over.....	3.4	5.7	0.3	5.8	1.1
<b>Columbus, Ohio.</b>						<b>Grand Rapids, Mich.</b>					
All ages, number.....	181,511	116,846	35,578	16,285	12,739	All ages, number.....	112,971	40,777	42,767	28,335	665
Under 5 years.....	14,357	10,879	2,577	91	836	Under 5 years.....	11,280	4,912	6,076	255	36
5 to 14 years.....	26,884	19,777	4,920	1,478	1,478	5 to 14 years.....	19,187	7,199	10,375	1,337	74
15 to 24 years.....	36,774	28,483	6,786	1,848	2,644	15 to 24 years.....	22,371	7,960	10,602	3,666	109
25 to 44 years.....	65,989	39,810	13,398	6,225	3,449	25 to 44 years.....	35,856	12,353	11,250	21,442	258
45 to 64 years.....	39,436	10,754	7,084	4,754	1,801	45 to 64 years.....	18,406	6,312	3,838	5,173	142
65 years and over.....	7,222	3,930	882	2,105	334	65 years and over.....	5,233	1,808	373	2,953	38
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.9	9.3	7.1	0.6	6.6	Under 5 years.....	10.0	12.0	14.3	0.8	5.4
5 to 14 years.....	14.8	16.9	13.8	4.0	12.4	5 to 14 years.....	17.0	17.7	24.7	4.7	11.1
15 to 24 years.....	20.3	21.8	19.1	11.3	20.4	15 to 24 years.....	19.9	19.6	24.8	12.9	16.4
25 to 44 years.....	36.1	34.1	37.6	41.9	42.8	25 to 44 years.....	31.9	30.4	26.3	42.1	38.8
45 to 64 years.....	16.5	14.2	15.9	29.9	24.6	45 to 64 years.....	16.4	15.5	5.5	21.9	14.2
65 years and over.....	4.0	4.4	2.4	12.9	2.6	65 years and over.....	4.6	4.6	0.9	10.4	5.7
<b>Dayton, Ohio.</b>						<b>Indianapolis, Ind.</b>					
All ages, number.....	114,577	72,301	25,548	13,847	4,842	All ages, number.....	233,550	150,583	41,420	19,767	21,816
Under 5 years.....	10,447	7,922	2,263	107	374	Under 5 years.....	18,697	14,277	2,794	68	1,567
5 to 14 years.....	17,943	13,005	3,657	604	616	5 to 14 years.....	35,646	26,195	5,859	543	3,046
15 to 24 years.....	22,751	15,291	4,000	1,948	919	15 to 24 years.....	45,215	30,960	7,788	2,274	4,229
25 to 44 years.....	40,303	23,104	9,292	5,872	2,020	25 to 44 years.....	83,848	50,610	16,424	8,583	8,735
45 to 64 years.....	19,791	10,364	5,237	3,336	746	45 to 64 years.....	39,712	22,597	7,722	5,878	3,494
65 years and over.....	5,111	2,644	536	1,775	156	65 years and over.....	9,581	5,571	811	2,913	556
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.1	11.0	8.8	0.8	7.7	Under 5 years.....	8.0	9.5	6.7	0.3	7.1
5 to 14 years.....	15.4	18.1	14.3	4.4	12.7	5 to 14 years.....	16.3	17.4	14.1	2.7	14.0
15 to 24 years.....	19.5	21.1	18.0	14.1	19.0	15 to 24 years.....	19.4	20.6	18.8	11.5	13.5
25 to 44 years.....	35.4	32.9	30.4	43.2	41.7	25 to 44 years.....	35.9	33.6	33.7	40.7	40.0
45 to 64 years.....	17.0	14.2	20.5	23.5	15.4	45 to 64 years.....	17.0	15.0	18.6	29.7	16.0
65 years and over.....	4.4	3.7	2.1	12.8	3.2	65 years and over.....	4.3	3.7	2.0	14.7	3.0
<b>Denver, Colo.</b>						<b>Jersey City, N. J.</b>					
All ages, number.....	213,381	106,945	61,135	36,941	5,426	All ages, number.....	287,778	74,861	102,101	77,697	5,960
Under 5 years.....	16,879	9,867	6,174	2,200	315	Under 5 years.....	29,457	11,362	17,094	530	557
5 to 14 years.....	32,504	17,684	12,633	1,326	632	5 to 14 years.....	62,398	19,830	28,394	3,111	802
15 to 24 years.....	40,374	21,624	13,958	4,306	933	15 to 24 years.....	53,484	16,135	23,675	12,611	1,044
25 to 44 years.....	77,679	37,137	19,706	17,884	2,496	25 to 44 years.....	88,115	18,656	29,758	27,042	2,625
45 to 64 years.....	37,375	19,648	7,645	12,050	920	45 to 64 years.....	36,340	6,291	9,534	19,004	779
65 years and over.....	7,703	3,983	747	2,819	142	65 years and over.....	7,722	1,764	708	5,198	82
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.9	9.2	10.6	6.5	5.8	Under 5 years.....	11.0	15.2	15.6	0.7	9.3
5 to 14 years.....	15.2	16.5	20.6	3.9	11.6	5 to 14 years.....	21.6	28.5	28.0	4.3	14.5
15 to 24 years.....	18.9	19.7	22.8	11.1	17.2	15 to 24 years.....	20.0	21.6	21.7	16.2	17.5
25 to 44 years.....	36.4	34.7	32.2	45.9	45.4	25 to 44 years.....	32.9	24.9	27.3	47.6	44.0
45 to 64 years.....	17.5	15.6	17.4	30.9	17.4	45 to 64 years.....	12.6	9.3	8.7	24.5	15.1
65 years and over.....	3.6	3.7	1.2	7.2	2.6	65 years and over.....	2.9	2.4	0.6	6.7	1.4
<b>Detroit, Mich.</b>						<b>Kansas City, Mo.</b>					
All ages, number.....	465,766	115,108	188,255	156,565	5,741	All ages, number.....	248,381	153,717	45,833	25,327	23,566
Under 5 years.....	48,715	16,615	30,054	1,715	330	Under 5 years.....	18,598	13,110	4,622	174	1,211
5 to 14 years.....	77,638	22,622	46,242	8,699	685	5 to 14 years.....	34,138	23,011	7,536	1,116	2,466
15 to 24 years.....	99,231	24,458	46,771	26,802	1,981	15 to 24 years.....	50,379	32,689	9,633	3,218	4,700
25 to 44 years.....	158,838	34,755	49,464	72,049	2,550	25 to 44 years.....	66,941	54,891	16,857	10,989	11,150
45 to 64 years.....	65,166	12,328	44,225	37,191	899	45 to 64 years.....	39,673	22,591	6,494	7,360	3,211
65 years and over.....	15,296	3,209	1,949	10,572	174	65 years and over.....	8,944	5,686	642	2,964	450
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.5	14.4	16.0	1.1	6.7	Under 5 years.....	7.5	8.5	9.0	0.7	5.1
5 to 14 years.....	16.7	19.7	24.6	5.2	11.9	5 to 14 years.....	13.7	15.0	16.5	4.4	10.5
15 to 24 years.....	21.3	21.7	24.6	17.1	18.8	15 to 24 years.....	20.1	21.1	21.0	13.1	15.5
25 to 44 years.....	34.1	30.2	27.0	44.9	44.4	25 to 44 years.....	27.0	23.7	30.9	43.4	47.3
45 to 64 years.....	14.0	10.7	7.8	23.8	15.7	45 to 64 years.....	16.0	14.7	14.2	29.0	13.6
65 years and over.....	3.3	2.8	0.7	6.8	3.0	65 years and over.....	3.5	3.3	1.4	9.6	2.1



DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals for all ages include persons of unknown age.]

Table 15—Continued.					Table 15—Continued.					
CITY AND AGE PERIOD.		NATIVE WHITE.			Negro.	CITY AND AGE PERIOD.		NATIVE WHITE.		
All classes.	Native per cent.	Foreign or mixed per cent.	Foreign white.	All classes.		Native per cent.	Foreign or mixed per cent.	Foreign white.	Negro.	
<b>New York, N. Y.—Continued.</b>					<b>Omaha, Nebr.</b>					
<i>Bronx Borough.</i>					<i>All ages, number.</i>					
All ages, number	430,980	92,569	185,148	148,535	4,117	124,068	52,917	39,595	276,664	4,426
Under 5 years	46,794	15,025	30,391	918	393	10,459	5,452	4,885	275	243
5 to 14 years	23,491	7,404	50,268	7,408	188	18,833	8,631	1,061	1,641	441
15 to 24 years	85,731	21,008	40,969	23,802	736	26,890	11,746	10,719	3,611	796
25 to 44 years	144,544	22,240	47,757	72,750	1,684	44,447	15,239	11,689	2,327	2,212
45 to 64 years	65,216	6,296	15,479	35,152	520	19,073	7,048	5,371	7,750	600
65 years and over	11,720	1,775	1,097	8,663	186	4,643	1,629	301	2,024	88
All ages, per cent.	100.0	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0
Under 5 years	10.8	3.2	16.4	0.6	0.3	15.3	10.3	11.6	0.7	5.5
5 to 14 years	19.4	27.4	27.2	5.0	14.3	21.7	22.2	27.1	13.3	18.0
15 to 24 years	19.9	22.7	21.7	16.0	17.9	31.6	34.6	29.5	45.8	30.0
25 to 44 years	33.0	25.8	24.0	49.2	40.6	23.3	14.8	12.8	8.4	14.3
45 to 64 years	15.5	7.6	8.4	23.6	12.6	15.4	13.3	9.1	28.4	14.5
65 years and over	2.7	1.9	0.6	5.8	4.5	3.3	3.1	0.8	7.5	2.0
<i>Brooklyn Borough.</i>					<i>Paterson, N. J.</i>					
All ages, number	1,854,931	375,545	655,585	571,356	22,708	125,690	28,392	50,179	398,788	1,539
Under 5 years	155,815	54,064	4,271	1,824	1,546	23,610	8,497	296	1,638	6
5 to 14 years	315,918	90,334	181,259	40,630	3,065	25,959	6,297	14,600	3,276	243
15 to 24 years	323,493	82,710	157,777	107,475	4,306	25,081	5,656	11,754	3,297	296
25 to 44 years	331,449	97,713	159,944	294,174	9,858	49,498	8,643	15,482	20,643	634
45 to 64 years	227,472	39,749	59,470	125,040	2,903	18,623	3,362	3,432	11,430	187
65 years and over	51,776	12,773	5,397	33,593	534	4,718	1,324	390	3,149	45
All ages, per cent.	100.0	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0
Under 5 years	11.2	14.1	18.8	0.7	0.0	19.1	22.2	29.3	6.0	15.8
5 to 14 years	19.3	24.2	27.3	7.1	13.5	20.0	19.9	23.4	16.2	19.2
15 to 24 years	18.8	22.0	20.0	18.1	19.1	23.2	28.2	22.0	44.8	41.2
25 to 44 years	35.4	25.8	24.1	46.2	43.6	14.8	12.5	6.8	25.2	12.2
45 to 64 years	13.9	10.6	9.0	21.9	13.0	3.8	4.0	0.8	6.9	2.9
65 years and over	2.8	3.3	0.8	5.9	2.4					
<i>Queens Borough.</i>					<i>Philadelphia, Pa.</i>					
All ages, number	254,641	80,407	130,989	79,115	3,198	1,549,008	584,008	496,758	352,578	84,459
Under 5 years	31,847	13,700	17,422	412	298	152,927	67,226	76,097	2,726	1,638
5 to 14 years	69,062	22,989	32,627	2,859	485	386,000	117,172	117,860	10,530	5,580
15 to 24 years	105,605	32,605	52,621	37,258	1,484	296,622	119,449	99,645	64,943	15,667
25 to 44 years	89,970	16,671	32,637	37,258	1,214	516,656	185,368	131,725	107,732	38,197
45 to 64 years	39,702	6,455	10,517	22,278	427	242,629	62,229	29,829	20,643	2,726
65 years and over	10,658	1,778	729	5,175	115	62,680	24,597	7,924	2,802	1,732
All ages, per cent.	100.0	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0
Under 5 years	11.2	17.0	14.4	0.5	9.3	9.9	11.4	15.1	0.7	1.1
5 to 14 years	20.8	28.5	27.0	3.7	15.2	17.2	19.4	23.8	6.3	12.8
15 to 24 years	31.7	22.2	22.3	47.1	37.6	19.3	20.5	20.0	17.0	18.5
25 to 44 years	35.7	23.2	27.1	47.1	37.6	25.4	30.0	26.3	44.4	45.2
45 to 64 years	14.0	8.0	8.7	28.2	13.4	16.0	14.2	12.7	23.8	12.9
65 years and over	2.9	2.2	0.6	7.2	3.6	4.0	4.2	1.6	7.4	2.1
<i>Richmond Borough.</i>					<i>Pittsburgh, Pa.</i>					
All ages, number	85,989	28,243	32,225	24,278	1,152	533,905	176,089	141,483	140,438	25,823
Under 5 years	8,832	3,612	4,959	174	107	57,788	23,644	31,093	890	2,240
5 to 14 years	17,572	7,182	9,829	1,063	197	95,195	37,816	47,676	6,508	5,785
15 to 24 years	15,508	5,590	6,190	2,940	140	108,378	37,237	41,656	25,000	4,398
25 to 44 years	27,114	7,139	8,344	11,844	401	183,046	54,305	49,246	67,703	11,002
45 to 64 years	12,535	5,328	3,201	6,078	162	74,016	18,039	18,844	31,373	3,076
65 years and over	3,969	1,436	352	2,137	44	15,229	3,803	2,451	8,504	409
All ages, per cent.	100.0	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0
Under 5 years	10.4	12.8	15.4	0.7	9.3	10.8	13.4	16.2	0.6	8.7
5 to 14 years	20.3	25.4	31.3	4.4	17.1	17.8	21.5	24.6	4.8	14.2
15 to 24 years	18.1	19.6	19.2	15.0	20.8	20.3	21.1	21.8	17.7	17.8
25 to 44 years	31.5	25.3	25.9	46.1	34.8	34.3	30.8	25.7	48.3	45.3
45 to 64 years	14.9	11.8	10.1	25.1	14.1	13.7	10.6	10.2	22.2	13.0
65 years and over	4.6	5.1	1.1	8.8	3.8	2.9	2.2	1.3	6.1	1.6
<i>Newark, N. J.</i>					<i>Portland, Oreg.</i>					
All ages, number	347,465	94,737	132,250	110,655	9,475	207,214	104,183	51,099	43,780	1,945
Under 5 years	48,421	12,285	24,374	994	875	14,818	8,315	5,205	179	352
5 to 14 years	94,297	29,718	34,939	1,328	749	24,851	10,439	9,435	4,760	74
15 to 24 years	68,693	19,582	27,197	20,153	1,754	41,753	21,457	13,062	6,499	135
25 to 44 years	114,736	29,705	35,791	31,119	3,981	85,983	42,478	17,614	21,796	909
45 to 64 years	49,339	11,510	12,093	24,309	1,283	34,555	14,874	8,172	10,796	163
65 years and over	11,321	3,321	1,018	6,562	216	6,338	3,248	608	2,517	16
All ages, per cent.	100.0	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0
Under 5 years	11.1	13.0	18.3	0.9	2.9	7.2	8.0	9.9	0.8	3.5
5 to 14 years	19.8	20.7	26.5	1.8	15.5	12.0	13.1	18.0	4.0	7.1
15 to 24 years	19.5	28.2	24.8	18.2	18.5	20.2	20.6	25.6	14.8	12.7
25 to 44 years	32.0	28.2	29.1	28.2	42.8	41.1	40.8	38.4	48.9	38.3
45 to 64 years	14.2	12.1	9.1	22.0	13.6	16.7	14.3	10.1	24.7	15.6
65 years and over	3.3	3.7	0.8	5.9	2.3	3.2	3.1	1.2	5.7	1.5
<i>Oakland, Cal.</i>					<i>Providence, R. I.</i>					
All ages, number	150,174	58,198	49,836	36,822	3,055	224,326	85,968	82,364	76,483	5,316
Under 5 years	16,545	6,385	5,322	216	216	29,814	13,815	14,857	3,683	168
5 to 14 years	31,143	9,496	9,755	1,299	314	47,612	10,076	21,910	4,233	755
15 to 24 years	27,420	10,108	11,892	3,904	321	37,215	10,715	16,713	13,340	848
25 to 44 years	55,029	15,419	16,611	16,611	1,372	70,725	17,529	21,529	29,887	2,084
45 to 64 years	26,483	8,352	5,082	11,112	529	44,743	10,870	7,491	17,048	920
65 years and over	7,362	2,715	650	3,390	101	9,311	4,988	1,000	4,149	179
All ages, per cent.	100.0	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0
Under 5 years	11.0	11.4	11.2	0.6	7.1	9.7	9.9	18.0	4.0	7.1
5 to 14 years	14.1	17.1	19.3	3.4	10.3	16.5	16.8	26.6	5.5	14.2
15 to 24 years	18.3	18.5	22.8	10.6	17.1	16.9	17.9	28.8	18.8	8.1
25 to 44 years	36.7	32.9	34.9	44.9	44.9	34.2	29.8	23.2	47.0	39.2
45 to 64 years	17.6	15.1	10.2	30.2	17.1	16.2	15.1	9.1	22.3	17.3
65 years and over	4.9	4.9	1.3	10.4	3.3	4.2	7.3	0.7	5.4	3.4

AGE DISTRIBUTION.

DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals of all ages include persons of unknown age.]

Table 15—Continued.		NATIVE WHITE.				CITY AND AGE PERIOD.				NATIVE WHITE.			
CITY AND AGE PERIOD.		All classes.	Foreign parent-age.	Foreign or mixed percentage.	Foreign-born white.	Negro.	CITY AND AGE PERIOD.		All classes.	Native parent-age.	Foreign or mixed percentage.	Foreign-born white.	Negro.
<b>Richmond, Va.</b>													
All ages, number.....	127,828	69,130	7,664	4,085	46,733		Seattle, Wash.		237,154	105,784	61,134	60,835	2,296
Under 5 years.....	11,602	6,832	724	27	4,019		Under 5 years.....	17,043	8,963	7,230	447	99	
5 to 14 years.....	21,818	12,643	1,228	221	7,795		5 to 14 years.....	29,614	15,015	12,133	2,135	165	
15 to 24 years.....	28,422	15,208	1,421	368	11,421		25 to 34 years.....	46,148	20,318	14,673	8,767	354	
25 to 44 years.....	42,679	21,523	2,621	710	16,430		35 to 44 years.....	99,747	43,381	30,343	32,694	1,936	
45 to 64 years.....	28,939	9,654	1,443	1,045	6,153		45 to 64 years.....	35,927	15,108	6,141	13,938	271	
65 years and over.....	4,550	3,776	218	31	1,088		65 years and over.....	6,246	5,037	359	3	31	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	9.1	9.9	9.4	0.7	8.6		Under 5 years.....	8.5	7.2	8.5	11.8	0.7	4.5
5 to 14 years.....	17.1	18.3	16.0	5.4	16.5		5 to 14 years.....	12.5	14.2	19.8	3.5	7.2	
15 to 24 years.....	22.3	22.0	18.5	2.0	24.0		15 to 24 years.....	12.5	10.4	24.0	14.4	15.4	
25 to 44 years.....	33.4	31.7	34.2	41.7	35.1		25 to 34 years.....	42.1	39.1	33.3	37.3	36.9	
45 to 64 years.....	14.6	14.0	18.8	25.6	13.2		35 to 44 years.....	15.1	14.3	10.0	22.9	11.8	
65 years and over.....	3.5	4.0	2.8	12.7	2.2		45 to 64 years.....	2.6	2.9	1.0	4.2	1.4	
<b>Rochester, N. Y.</b>													
All ages, number.....	218,140	74,585	83,687	58,983	879		Spokane, Wash.		104,402	54,874	27,277	21,820	723
Under 5 years.....	19,066	8,625	9,807	576	58		Under 5 years.....	9,666	5,895	2,012	213	37	
5 to 14 years.....	33,903	14,513	15,117	3,162	109		5 to 14 years.....	15,104	9,113	5,160	757	64	
15 to 24 years.....	43,859	23,350	7,222	9,813	179		15 to 24 years.....	20,685	17,998	14,923	2,972	178	
25 to 44 years.....	74,917	22,526	26,687	25,293	370		25 to 34 years.....	40,629	19,323	9,553	11,056	388	
45 to 64 years.....	36,705	9,393	12,323	14,810	151		35 to 44 years.....	15,724	7,322	2,991	5,151	101	
65 years and over.....	9,463	3,694	1,161	5,203	12		45 to 64 years.....	2,745	1,484	260	986	11	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	8.7	11.7	13.3	6.6	0.6		Under 5 years.....	10.8	10.6	17.0	1.0	3.1	
5 to 14 years.....	15.5	19.5	19.3	5.4	1.4		5 to 14 years.....	14.5	16.7	18.9	3.6	8.9	
15 to 24 years.....	20.2	22.0	21.0	16.6	20.4		15 to 24 years.....	19.8	20.3	23.4	14.0	16.3	
25 to 44 years.....	34.0	30.9	30.2	42.1	42.1		25 to 34 years.....	38.4	38.4	32.6	32.1	33.7	
45 to 64 years.....	16.8	12.6	14.7	25.1	17.2		35 to 44 years.....	15.1	13.4	11.0	24.3	14.0	
65 years and over.....	4.3	4.1	1.4	8.9	1.4		45 to 64 years.....	2.6	2.7	1.0	4.6	1.5	
<b>St. Louis, Mo.</b>													
All ages, number.....	487,023	289,836	246,846	125,706	43,960		Syracuse, N. Y.		137,245	88,408	46,912	30,781	1,124
Under 5 years.....	50,100	30,902	19,972	823	2,685		Under 5 years.....	11,822	6,960	3,527	218	66	
5 to 14 years.....	110,838	62,016	37,892	5,672	5,588		5 to 14 years.....	21,398	10,273	6,602	1,375	146	
15 to 24 years.....	143,303	65,643	37,077	15,973	8,554		15 to 24 years.....	27,605	12,314	9,334	5,173	179	
25 to 44 years.....	241,697	73,222	90,600	49,665	19,715		25 to 34 years.....	47,056	18,320	14,926	14,823	478	
45 to 64 years.....	104,660	23,849	36,733	37,494	6,736		35 to 44 years.....	23,456	9,854	7,617	209	209	
65 years and over.....	25,965	5,318	2,513	15,973	1,252		45 to 64 years.....	6,248	2,741	541	2,927	38	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	10.3	13.7	8.0	0.7	6.1		Under 5 years.....	8.7	10.2	12.9	0.7	5.9	
5 to 14 years.....	16.1	15.0	15.3	4.0	3.6		5 to 14 years.....	15.6	12.6	20.5	4.0	7.0	
15 to 24 years.....	20.9	24.3	21.5	12.7	19.5		15 to 24 years.....	19.7	21.1	19.9	16.8	15.9	
25 to 44 years.....	33.2	27.9	39.2	44.8	44.8		25 to 34 years.....	34.3	31.2	31.8	45.6	42.5	
45 to 64 years.....	15.2	8.8	14.9	29.8	14.5		35 to 44 years.....	17.1	15.0	12.4	24.7	18.6	
65 years and over.....	3.6	2.0	1.0	12.7	2.8		45 to 64 years.....	4.6	4.7	1.2	9.5	3.4	
<b>St. Paul, Minn.</b>													
All ages, number.....	214,744	61,594	83,398	56,524	3,144		Toledo, Ohio.		188,497	75,147	38,623	32,027	1,677
Under 5 years.....	18,236	7,263	9,952	326	1,534		Under 5 years.....	15,801	8,534	4,628	648	114	
5 to 14 years.....	35,084	12,193	20,664	1,937	269		5 to 14 years.....	29,014	14,708	12,707	1,377	217	
15 to 24 years.....	50,147	14,748	27,622	7,262	509		15 to 24 years.....	33,147	15,444	13,456	3,900	342	
25 to 44 years.....	73,742	19,137	27,418	25,467	1,681		25 to 34 years.....	56,543	23,708	18,694	13,323	814	
45 to 64 years.....	30,990	6,198	7,292	16,966	430		35 to 44 years.....	27,085	9,904	7,128	9,716	319	
65 years and over.....	6,316	1,283	434	4,529	70		45 to 64 years.....	6,757	2,616	636	3,533	68	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	8.6	13.0	10.7	0.6	5.2		Under 5 years.....	9.4	11.8	11.4	4.0	6.1	
5 to 14 years.....	16.3	19.3	18.3	3.2	7.6		5 to 14 years.....	15.6	17.6	20.5	6.0	11.4	
15 to 24 years.....	23.4	23.9	29.6	12.8	16.2		15 to 24 years.....	19.7	20.6	22.7	12.2	15.2	
25 to 44 years.....	34.3	31.1	39.4	45.1	33.5		25 to 34 years.....	33.6	31.5	31.4	41.6	43.4	
45 to 64 years.....	14.4	10.1	15.8	30.0	17.8		35 to 44 years.....	16.0	13.2	12.0	30.2	17.0	
65 years and over.....	2.9	2.1	0.5	8.0	2.2		45 to 64 years.....	4.0	3.3	1.1	11.0	3.6	
<b>San Francisco, Cal.</b>													
All ages, number.....	416,012	116,359	183,781	130,874	1,642		Washington, D. C.		331,089	166,711	45,066	24,351	94,446
Under 5 years.....	29,178	12,768	15,180	3,562	101		Under 5 years.....	26,669	15,476	3,746	130	7,250	
5 to 14 years.....	49,230	21,022	31,332	1,295	126		5 to 14 years.....	49,767	27,996	16,367	14,603	4,463	
15 to 24 years.....	78,554	23,155	34,539	15,552	392		15 to 24 years.....	62,536	32,078	7,629	2,933	19,933	
25 to 44 years.....	170,442	40,470	39,824	62,972	707		25 to 34 years.....	119,376	55,676	17,232	10,463	35,790	
45 to 64 years.....	68,647	13,777	15,347	35,853	244		35 to 44 years.....	54,273	25,982	6,868	3,223	13,580	
65 years and over.....	16,028	3,111	1,318	11,428	64		45 to 64 years.....	17,017	9,128	1,454	3,439	2,057	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	7.0	11.1	9.9	0.4	7.2		Under 5 years.....	8.1	9.3	8.3	0.6	7.7	
5 to 14 years.....	11.9	16.0	14.9	0.9	2.9		5 to 14 years.....	15.1	16.7	15.0	4.0	15.2	
15 to 24 years.....	18.9	21.8	22.7	11.9	18.4		15 to 24 years.....	19.2	19.2	18.1	11.1	21.1	
25 to 44 years.....	40.9	33.1	38.0	48.1	38.9		25 to 34 years.....	36.1	33.4	38.2	43.0	37.9	
45 to 64 years.....	16.5	11.6	15.0	24.2	14.8		35 to 44 years.....	16.4	15.6	18.3	26.0	14.0	
65 years and over.....	3.8	2.0	0.9	8.1	3.5		45 to 64 years.....	4.8	4.4	1.1	14.1	5.1	
<b>Scranton, Pa.</b>													
All ages, number.....	129,887	38,745	58,431	35,112	567		Worcester, Mass.		145,986	41,421	64,751	48,492	1,241
Under 5 years.....	15,948	6,193	8,832	283	37		Under 5 years.....	14,492	4,363	9,705	318	104	
5 to 14 years.....	28,261	9,690	14,010	1,667	82		5 to 14 years.....	24,970	11,940	15,792	2,167	194	
15 to 24 years.....	26,852	8,294	13,073	5,471	113		15 to 24 years.....	27,833	12,541	8,456	1,904		
25 to 44 years.....	40,867	9,747	14,179	16,640	245		25 to 34 years.....	49,181	11,760	15,360	25,761	446	
45 to 64 years.....	18,132	3,776	4,778	7,727	77		35 to 44 years.....	25,083	7,128	3,123	10,373	225	
65 years and over.....	3,694	944	282	2,461	7		45 to 64 years.....	6,285	3,149	273	2,796	66	
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0		All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	
Under 5 years.....	11.8	16.0	15.9	6.3	6.5		Under 5 years.....	9.9	10.5	17.7	0.7	8.4	
5 to 14 years.....	20.2	24.8	26.9	4.7	15.5		5 to 14 years.....	17.1	17.4	28.2	4.5	15.6	
15 to 24 years.....	20.8	21.4	23.6	18.6	19.9		15 to 24 years.....	19.1	19.3	26.2	17.4	16.9	
25 to 44 years.....	31.5	23.3	25.6	47.4	43.2		25 to 34 years.....</						

## DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

Table 16	AGE PERIODS.						CITY.	AGE PERIODS.					
	Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.		Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.
<b>Alabama</b>							<b>Massachusetts</b>						
Mobile.....	4,635	9,129	16,543	17,982	7,174	1,810	Brockton.....	5,342	9,213	10,938	19,458	9,513	2,282
Montgomery.....	3,373	6,729	7,986	12,853	5,814	1,291	Brookline town.....	17,709	3,593	5,964	10,277	5,448	1,688
<b>Arkansas</b>							Chelsea.....	3,654	6,028	6,250	10,320	5,441	1,588
Littie Rock.....	4,107	7,294	10,138	16,730	6,226	1,344	Chicago.....	3,371	5,928	6,223	7,932	2,990	908
<b>California</b>							Everett.....	3,474	6,256	6,022	10,796	5,513	1,419
Berkeley.....	3,236	5,909	8,082	13,810	7,264	1,980	Floresburg.....	4,105	6,362	7,734	11,714	5,869	1,392
Fresno.....	4,199	8,363	9,965	6,700	2,553		Haverhill.....	4,062	7,192	8,219	14,304	7,822	2,588
Sacramento.....	3,080	5,376	8,340	18,193	7,878	1,874	Holyoke.....	6,062	11,888	12,118	17,970	7,790	1,812
San Diego.....	2,689	5,288	6,724	12,517	8,503	3,088	Lawrence.....	9,217	14,882	17,622	29,167	11,820	2,691
San Jose.....	2,206	4,179	5,200	9,680	5,491	1,939	Lynn.....	8,195	13,356	17,023	31,385	15,140	4,131
<b>Colorado</b>							Malden.....	4,494	8,319	7,947	14,057	7,442	1,212
Colorado Springs.....	2,125	4,634	5,374	10,198	5,629	1,228	New Bedford.....	17,103	17,160	19,686	31,953	10,703	
Pueblo.....	4,321	7,250	8,218	16,641	6,532	1,146	Newton.....	3,460	6,549	6,202	13,137	6,965	2,277
<b>Connecticut</b>							Pittsfield.....	3,657	5,189	6,204	11,144	5,054	1,421
Hartford.....	9,565	16,535	18,610	34,906	15,105	4,012	Springfield.....	8,292	14,135	16,822	31,148	14,163	4,280
Morden town.....	3,009	5,955	6,266	9,670	5,421	1,679	Salem.....	4,726	7,913	8,245	13,860	6,951	2,228
Middletown.....	2,607	4,912	6,830	8,522	4,657	1,379	Somerville.....	7,433	12,887	12,866	26,469	13,111	3,947
New Britain.....	5,282	8,007	9,425	14,097	9,171	2,285	Taunton.....	3,222	5,915	6,390	10,693	5,843	1,925
New Rochelle.....	2,574	4,972	5,291	8,610	4,988	1,767	Waltham.....	2,234	4,533	5,496	9,904	4,800	1,445
Stamford town.....	4,043	8,040	5,457	9,463	4,649	1,248	<b>Michigan</b>						
Stamford city.....	3,768	4,293	4,819	8,294	8,510	917	Battle Creek.....	2,027	3,506	4,869	8,828	4,678	1,272
Waterbury.....	8,385	15,674	14,533	25,060	9,393	1,872	Bay City.....	5,020	9,027	9,241	12,576	7,288	2,050
<b>Delaware</b>							Flint.....	3,450	4,949	6,831	13,909	6,206	1,299
Wilmington.....	8,569	14,753	17,388	28,673	14,235	3,625	Jackson.....	2,541	4,624	5,815	10,968	5,873	1,684
<b>Florida</b>							Kalamazoo.....	3,440	5,578	7,654	12,789	7,027	2,121
Jacksonville.....	4,843	8,386	12,602	22,673	6,820	1,371	Lansing.....	2,896	4,511	4,988	10,712	4,900	1,566
Tampa.....	4,523	7,026	8,239	13,097	4,113	681	Saginaw.....	4,706	8,481	10,343	15,677	8,647	2,291
<b>Georgia</b>							<b>Minnesota</b>						
Augusta.....	3,598	6,869	9,905	14,340	5,543	1,395	Duluth.....	7,486	13,081	16,511	28,871	10,378	1,496
Macon.....	3,975	7,511	8,995	15,771	5,218	1,242	<b>Missouri</b>						
Savannah.....	6,068	11,168	13,380	29,939	8,274	1,686	Joplin.....	8,424	5,908	6,274	10,675	4,623	1,629
<b>Illinois</b>							St. Joseph.....	6,454	12,233	16,298	26,928	13,646	3,211
Aurora.....	2,612	4,378	5,981	9,510	4,909	1,568	Springfield.....	3,448	6,259	7,678	10,931	5,933	1,388
Bloomington.....	2,657	3,992	5,144	8,169	4,726	1,669	<b>Montana</b>						
Danville.....	2,487	4,903	5,335	9,222	4,520	1,315	Butte.....	3,499	5,902	6,518	17,030	5,086	628
Decatur.....	2,744	5,288	6,160	10,611	5,230	1,547	<b>Nebraska</b>						
East St. Louis.....	6,052	9,801	12,452	21,781	7,160	1,266	Lincoln.....	4,317	6,730	9,417	14,273	7,130	1,880
Elgin.....	1,909	4,066	4,989	8,341	5,146	1,433	South Omaha.....	3,165	5,234	5,514	8,649	3,177	498
Joliet.....	3,738	6,169	7,125	11,648	4,740	1,239	<b>New Hampshire</b>						
Peoria.....	5,338	10,248	12,272	24,072	10,979	2,525	Manchester.....	6,848	12,663	15,475	21,444	10,783	2,817
Quincy.....	2,838	5,831	7,425	11,397	6,644	2,400	Nashua.....	2,511	4,549	5,492	7,960	4,168	1,287
Rockford.....	3,828	7,464	9,384	14,844	7,516	2,323	<b>New Jersey</b>						
Springfield.....	4,736	6,679	8,294	17,967	8,264	2,452	Atlantic City.....	3,708	6,721	8,330	18,575	7,179	1,429
<b>Indiana</b>							Bayonne.....	7,755	11,842	11,150	17,681	5,976	1,117
Evansville.....	6,150	11,654	14,422	22,988	11,469	2,878	Camden.....	9,971	19,839	18,205	30,227	15,286	3,773
Fort Wayne.....	5,441	10,943	13,379	21,211	10,259	2,668	East Orange.....	2,765	5,158	6,185	12,400	5,998	1,750
South Bend.....	6,320	9,514	10,887	17,333	7,626	1,734	Elizabeth.....	5,667	10,773	14,440	24,608	9,607	2,232
Terre Haute.....	5,062	9,663	11,667	19,774	9,848	2,430	Irvington.....	7,140	12,415	13,978	23,936	9,855	2,023
<b>Iowa</b>							Orange.....	3,301	5,239	5,677	9,624	4,447	1,016
Cedar Rapids.....	2,894	5,278	6,743	11,041	5,497	1,414	Perth Amboy.....	7,317	9,742	14,254	17,361	5,093	982
Clinton.....	2,140	4,325	5,345	7,795	4,439	1,330	Trenton.....	4,638	6,445	6,577	10,234	5,234	862
Council Bluffs.....	2,736	5,237	5,997	9,297	4,701	1,277	Trenton.....	9,919	16,864	19,942	31,865	14,744	3,401
Davenport.....	3,634	7,163	8,310	14,390	7,318	2,375	West Hoboken town.....	3,750	7,157	6,873	11,740	4,922	998
Des Moines.....	7,850	14,225	17,308	29,477	13,584	3,681	<b>New York</b>						
Dubuque.....	3,191	5,523	7,812	12,228	6,573	1,224	Amsterdam.....	3,258	4,625	7,207	10,343	4,565	1,246
Sioux City.....	4,019	7,757	10,708	16,707	7,019	1,538	Albany.....	2,982	4,691	6,712	12,041	6,243	2,012
Waterloo.....	2,547	4,196	5,806	9,066	5,899	1,129	Binghamton.....	2,644	4,672	8,988	16,256	9,772	3,053
<b>Kansas</b>							Elmira.....	2,644	5,253	8,031	11,967	7,082	2,170
Kansas City.....	8,264	14,700	17,918	27,133	12,045	2,682	Jameson town.....	2,546	4,668	6,445	10,234	5,234	862
Topeka.....	3,288	6,717	8,643	15,678	7,603	1,939	Kingston.....	2,619	4,400	4,230	7,865	4,812	1,435
Wichita.....	4,455	8,158	11,369	17,585	8,386	2,348	Mount Vernon.....	3,064	6,675	6,730	10,218	4,933	1,276
<b>Kentucky</b>							New Rochelle.....	2,313	5,198	5,760	10,654	6,326	877
Covington.....	4,851	9,185	11,090	17,181	8,718	2,217	Newburgh.....	1,173	4,622	4,846	9,058	5,088	1,621
Lexington.....	2,504	5,267	6,880	12,257	6,390	1,783	Niagara Falls.....	3,279	4,853	6,130	11,245	4,653	848
Newport.....	2,740	5,230	6,149	10,070	5,447	1,509	Poughkeepsie.....	2,313	4,414	5,112	9,122	5,274	1,884
<b>Louisiana</b>							Schenectady.....	7,839	12,122	13,545	27,569	9,811	2,189
Shreveport.....	2,546	4,965	6,400	10,238	4,803	779	Troy.....	5,829	11,902	15,031	25,694	14,272	4,007
<b>Maine</b>							Utica.....	7,000	12,093	14,611	24,847	12,279	2,788
LeWiston.....	2,560	4,908	5,418	7,627	4,424	1,222	Watervtown.....	2,285	4,037	4,882	9,081	4,848	1,511
Portland.....	4,811	8,710	10,694	19,714	10,906	3,681	Yonkers.....	8,978	15,029	16,562	26,928	10,087	2,186

## AGE DISTRIBUTION.

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DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

Table 16—Continued.	AGE PERIODS.						CITY.	AGE PERIODS.					
	CITY.	Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.		65 years and over.	Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.
<b>North Carolina</b>							<b>South Carolina</b>						
Charlotte.....	3,981	6,702	7,706	10,532	4,120	896	Charleston.....	5,666	10,756	12,698	19,441	7,987	2,942
Wilmington.....	2,827	4,745	5,375	7,936	3,500	872	Columbia.....	2,570	4,609	5,962	8,969	3,235	743
<b>Ohio</b>							<b>Tennessee</b>						
Akron.....	6,758	10,303	15,164	24,198	10,135	2,353	Chattanooga.....	3,937	7,154	10,145	16,244	5,679	1,235
Canton.....	4,589	8,026	10,379	17,408	7,727	1,960	Knoxville.....	3,137	6,251	8,646	11,986	4,989	1,056
Hamilton.....	3,430	6,317	6,980	11,409	5,493	1,608	<b>Texas</b>						
Lima.....	2,885	5,356	6,218	10,683	4,786	1,137	Austin.....	2,607	5,567	6,368	8,942	4,543	1,646
Lorain.....	3,892	5,304	5,490	10,598	3,109	484	Dallas.....	8,048	15,321	20,308	33,610	12,125	2,519
Newark.....	2,126	4,112	4,898	8,702	4,355	1,176	El Paso.....	4,445	7,700	7,538	13,535	4,753	886
Springfield.....	3,375	7,546	8,200	15,011	8,696	2,337	Fort Worth.....	6,530	12,788	16,104	26,446	8,958	1,535
Youngstown.....	8,873	13,078	16,629	29,227	9,187	1,874	Galveston.....	3,232	6,299	7,461	13,433	5,290	1,224
Zanesville.....	2,463	4,306	5,333	9,250	5,002	1,398	Houston.....	6,781	13,167	17,938	28,647	10,414	2,113
<b>Oklahoma</b>							<b>Utah</b>						
Muskogee.....	2,358	4,207	5,435	9,552	3,043	454	Ogden.....	3,068	5,133	5,299	7,741	3,534	767
Oklahoma City.....	5,671	9,356	14,419	25,203	7,961	1,409	Salt Lake City.....	19,431	16,976	18,880	30,306	12,532	3,022
<b>Pennsylvania</b>							<b>Virginia</b>						
Allentown.....	5,455	8,779	10,574	16,625	8,184	2,259	Lynchburg.....	3,086	5,327	7,012	8,989	3,907	602
Altoona.....	5,705	9,528	10,314	17,185	7,494	1,855	Norfolk.....	6,198	11,235	14,450	24,495	9,024	1,978
Chester.....	3,767	6,016	7,776	12,947	5,912	1,532	Portsmouth.....	3,543	5,557	7,862	10,966	4,204	918
Easton.....	2,471	4,532	5,455	9,196	5,211	1,636	Rossmore.....	3,865	6,705	7,967	11,281	4,082	830
Erie.....	7,263	12,392	12,520	21,201	9,574	2,992	<b>Washington</b>						
Harrisburg.....	5,554	10,054	12,411	22,461	10,775	2,892	Tacoma.....	7,094	12,685	16,533	30,111	13,008	2,619
Hazleton.....	3,248	5,719	5,181	7,172	3,234	735	<b>West Virginia</b>						
Johnstown.....	6,810	9,767	12,284	18,675	6,493	1,410	Huntington.....	3,302	6,068	6,962	9,882	4,090	834
Lancaster.....	4,233	7,933	9,114	14,465	8,776	2,696	Wheeling.....	3,868	7,047	8,290	14,053	6,720	1,589
McKeesport.....	5,298	8,820	8,947	13,614	5,077	920	<b>Wisconsin</b>						
New Castle.....	4,184	6,298	7,193	12,504	4,884	1,179	Green Bay.....	2,965	5,163	5,633	7,710	3,224	1,162
Norristown borough.....	2,330	4,182	5,131	8,854	5,963	1,740	La Crosse.....	2,558	5,547	6,659	9,012	4,940	1,543
Reading.....	9,543	16,566	18,937	31,020	15,799	4,169	Madison.....	2,248	3,945	5,568	8,472	4,056	1,216
Shenandoah borough.....	3,925	5,652	5,277	8,139	2,351	388	Oshkosh.....	3,343	6,226	6,676	9,539	5,424	1,847
Wilkes-Barre.....	7,755	13,473	14,655	20,301	8,895	1,958	Racine.....	3,785	6,557	8,018	12,337	6,555	1,919
Williamsport.....	2,722	5,384	6,210	9,908	5,503	1,694	Sheboygan.....	2,883	5,176	5,580	7,339	4,093	1,100
York.....	4,315	7,848	8,839	14,122	7,423	2,201	Superior.....	4,302	7,668	7,810	15,111	4,705	632
<b>Rhode Island</b>							<b>Wisconsin</b>						
Newport.....	2,235	4,043	6,762	8,498	4,257	1,321	<b>Wisconsin</b>						
Pawtucket.....	4,874	9,524	10,169	16,738	8,198	2,065	<b>Wisconsin</b>						
Warwick town.....	2,786	5,296	5,185	7,897	4,225	1,261	<b>Wisconsin</b>						
Woonsocket.....	4,277	7,789	8,436	11,300	5,112	1,203	<b>Wisconsin</b>						

## MARITAL CONDITION.

## UNITED STATES AS A WHOLE.

In the census statistics of marital condition, the terms "married," "widowed," or "divorced" refer to the marital status of the person enumerated at the time when the census was taken, so that a person, for instance, who had been widowed or divorced but had remarried would be reported as married.

Table 17 shows, by sex, the marital condition of the total population of the United States (exclusive of all outlying possessions) as reported at the census of 1910.

MARITAL CONDITION.	POPULATION OF ALL AGES: 1910			
	Male.		Female.	
	Number.	Per cent of total.	Number.	Per cent of total.
Total.....	47,332,277	100.0	44,639,989	100.0
Single.....	27,455,607	58.0	23,522,121	52.7
Married, widowed, or divorced.....	19,721,146	41.7	21,049,696	47.2
Married.....	18,065,498	38.2	17,688,169	39.6
Widowed.....	1,471,472	3.1	3,176,426	7.1
Divorced.....	186,176	0.3	185,101	0.4
Marital condition not reported.....	155,524	0.3	68,172	0.2

Of the total number of males of all ages in 1910, 58 per cent were single, 38.2 per cent married, and 3.4 per cent widowed or divorced, the corresponding percentages for females being 52.7, 39.6, and 7.5.

The number of persons under 15 years of age who are married, widowed, or divorced is naturally insignificant, comprising in 1910 only 994 males and 3,713 females. Statistics of marital condition are, therefore, usually confined to persons 15 years of age and over. Table 18 summarizes the data for persons of this class.

MARITAL CONDITION.	POPULATION 15 YEARS OF AGE AND OVER: 1910			
	Male.		Female.	
	Number.	Per cent of total.	Number.	Per cent of total.
Total.....	32,425,805	100.0	30,047,325	100.0
Single.....	12,550,129	38.7	8,933,170	29.7
Married, widowed, or divorced.....	19,729,152	60.8	21,045,983	70.0
Married.....	18,092,600	55.8	17,684,687	58.9
Widowed.....	1,471,390	4.5	3,176,228	10.6
Divorced.....	156,152	0.5	185,068	0.6
Marital condition not reported.....	155,524	0.5	68,172	0.2

There were, in 1910, 32,425,805 males 15 years of age and over and 30,047,325 females, an excess of 2,378,480 males. The number of males to 100 females was 107.9. This excess of males in the adult population of the United States has a most important bearing upon the statistics of marital condition. It accounts in part for the fact that there were 12,550,129 single men, as compared with 8,933,170 single women, or 3,616,959 more of the former than of the

latter. But a further explanation of this disproportion is found in the fact that women marry at an earlier age; in other words, men remain single longer than women, therefore there are more single men at any given time.

Other things being the same, the proportion of the total population who marry will be greater in a community where the sexes are numerically equal than in one where either sex outnumbers the other. In the latter case it is obvious that a certain number of persons of the sex which is in excess must remain single. Considering one sex alone, however, it is obvious that the probability of marriage will increase in proportion as that sex falls below a numerical equality with the other sex and decrease in proportion as it exceeds the other.

Probably remarriage is more common among men than among women, and this may explain in part the great excess of widows over widowers. But without doubt the excess is largely due to the fact that men usually marry at a later age than women, so that the marriage relation is more often broken by death of the husband than by death of the wife. In other words, the excess of single men over single women has as a natural correlative an excess of widows over widowers.

It will be noted that in the population 15 years of age and over, there were, in 1910, 407,913 more married men than married women (18,092,600 as compared with 17,684,687), a condition largely explainable by the presence in the United States of foreign-born married men who left their wives in their native countries. The total number of men 15 years of age and over who in 1910 had been married (that is, the married, widowed, or divorced together) was 19,720,152, or considerably less than the number of the corresponding class of women, 21,045,983.

Marked differences appear between the percentages for males and for females, as shown by Table 18. Of the males, 60.8 per cent were either married, widowed, or divorced, while for the females the proportion was much higher, 70 per cent. Although there were, in absolute numbers, more married men than married women, the percentage married for males (55.8), being based on a larger total, was materially lower than that for females (58.9). The percentages widowed for males and for females were 4.5 and 10.6, respectively. The proportions reported as divorced were 0.5 per cent for males and 0.6 per cent for females.

The number of divorced persons reported by the census, of course, falls short of the number of living persons who have been divorced, as many divorced persons have remarried, and the census, as previously pointed out, reports simply the marital condition of the population at the date of the enumeration. At

the same time it seems practically certain that the census returns as to the number of divorced persons not remarried are below the true total, some divorced persons having been reported as single, some as married, and some as widowed.

It will be noted that there were a limited number of persons whose marital condition was not reported by the enumerators. The number and percentage of such persons are not separately shown in the later tables, as they constitute only 0.2 per cent of the aggregate population. They are in all cases included in the totals on which the percentages single, married, widowed, or divorced are based, but the percentages would not be appreciably different if based exclusively upon the number of persons whose marital condition was reported.

**Age groups.**—No satisfactory analysis of statistics of marital condition can be made without considering age composition. Aside from differences in the relative number of men and women in the population, the proportion which the number of persons who are or have been married forms of the total number of adults depends on three factors: (1) the age at which marriages take place; (2) the duration of life; and (3) the number who permanently remain single. Ordinarily the first factor has greater weight than the others in causing the differences which appear in the statistics for different classes or communities. Of course, in all cases the combined proportion of married, widowed, or divorced persons is lower among young than among older persons. Consequently differences between classes or communities as to the proportion married, widowed, and divorced in the total number of adults may result merely from differences in age distribution and may not appear when comparisons are confined to limited age groups.

Table 19 shows, for 1910, the marital condition of the total population 15 years of age and over, classified by sex and age. The percentages are shown in the accompanying diagram.

This table shows a rapid increase in the combined percentage of married, widowed, or divorced persons with each older age group. For males, for example, only 1.2 per cent in the age group 15 to 19 years were married, widowed, or divorced, as compared with 24.6 per cent in the age group 20 to 24 years, and 93.5 per cent in the group 65 years of age and over.

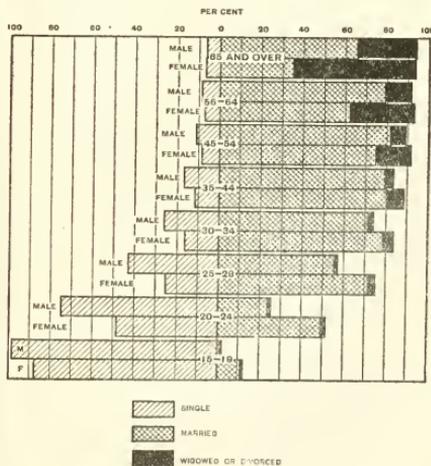
This table brings out clearly the prevailing difference between men and women as to the age of marriage. In the age group 15 to 19 years the proportion married, widowed, or divorced in 1910 was for males 1.2 per cent and for females 11.6 per cent. In the age group 20 to 24 years the percentages were 24.6 for males and 51.4 for females. In the succeeding age groups the proportions for the sexes rapidly approach equality, and for persons of 65 and over the percentage of males married, widowed, or divorced (93.5) was slightly higher than the percentage of females (93.4).

Table 19

AGE PERIOD AND SEX.	POPULATION: 1910					
	Total <sup>1</sup>	Single	Married, widowed, or divorced.			
			Total	Married.	Wid-wed.	Div-wed.
Number.						
<b>15 years and over:</b>	<b>32,425,885</b>	<b>12,550,129</b>	<b>19,720,152</b>	<b>18,892,600</b>	<b>1,471,390</b>	<b>155,162</b>
Male.....	30,047,325	8,933,170	21,045,983	17,884,687	3,176,228	185,088
Female.....						
<b>15 to 19 years:</b>						
Male.....	4,527,282	4,448,067	33,334	51,877	1,110	347
Female.....	4,536,321	3,985,764	527,150	513,239	10,361	3,650
<b>20 to 24 years:</b>						
Male.....	4,580,290	3,432,161	1,135,640	1,100,693	18,815	6,732
Female.....	4,476,694	2,163,683	2,301,086	2,225,362	55,354	20,370
<b>25 to 34 years:</b>						
Male.....	7,901,116	2,767,957	5,169,771	4,964,769	110,431	34,571
Female.....	7,251,072	1,516,726	5,735,483	5,443,894	224,327	57,262
<b>35 to 44 years:</b>						
Male.....	6,153,366	1,026,562	5,114,542	4,873,153	198,701	42,688
Female.....	5,504,321	628,516	4,871,475	4,410,310	411,896	49,269
<b>45 to 64 years:</b>						
Male.....	7,163,332	722,701	6,428,449	5,771,634	698,642	58,177
Female.....	6,204,757	499,564	5,735,409	4,383,497	1,324,838	47,134
<b>65 years and over:</b>						
Male.....	1,985,976	123,322	1,855,901	1,303,768	530,558	13,075
Female.....	1,965,548	124,223	1,834,796	687,335	1,140,558	6,903
Per cent.						
<b>15 years and over:</b>	<b>100.0</b>	<b>38.7</b>	<b>60.8</b>	<b>58.8</b>	<b>4.5</b>	<b>0.6</b>
Male.....	100.0	29.7	70.9	58.9	10.6	0.6
Female.....						
<b>15 to 19 years:</b>						
Male.....	100.0	98.3	1.2	1.1	(4)	(3)
Female.....	100.0	87.9	11.6	11.3	0.2	0.1
<b>20 to 24 years:</b>						
Male.....	100.0	74.9	24.6	24.0	0.4	0.1
Female.....	100.0	48.3	51.4	49.7	1.2	0.5
<b>25 to 34 years:</b>						
Male.....	100.0	35.0	64.7	62.8	1.4	0.4
Female.....	100.0	20.9	79.0	75.1	3.1	0.8
<b>35 to 44 years:</b>						
Male.....	100.0	16.7	83.1	79.2	3.2	0.7
Female.....	100.0	11.4	88.5	80.1	7.5	0.9
<b>45 to 64 years:</b>						
Male.....	100.0	10.1	89.7	80.6	8.4	0.8
Female.....	100.0	8.0	91.9	70.0	21.2	0.8
<b>65 years and over:</b>						
Male.....	100.0	6.2	93.5	65.6	27.1	0.7
Female.....	100.0	6.3	93.4	35.0	58.1	0.4

<sup>1</sup> Total includes persons whose marital condition was not reported.  
<sup>2</sup> Includes persons of unknown age.  
<sup>3</sup> Less than one-tenth of 1 per cent.

MARITAL CONDITION OF THE POPULATION: 1910.



The differences between the absolute numbers of males and of females, respectively, in the several marital condition classes in the various age groups, as shown by Table 19, are conspicuous. In each of the age groups, except that comprising persons 65 years of age and over, the number of single men in 1910 greatly exceeded the number of single women. On the other hand, in the groups comprising persons from 15 to 34 years of age, the number of married females materially exceeded the number of married males, but the opposite was the case in the groups comprising persons 35 years of age and over. In every age group the widows greatly outnumbered the widowers.

The relation between the number of males and females in the different classes is brought out more clearly in Table 20, which shows, by age groups, the number of males to 100 females in the total population and among single and married, widowed, or divorced persons, respectively.

Table 20

AGE PERIOD.	NUMBER OF MALES PER 100 FEMALES.			
	Total.	Single.	Married, widowed, or divorced.	
			Married.	Widowed, or divorced.
15 years and over.....	107.9	140.5	83.7	
Male.....	99.8	111.6	10.1	
Female.....	102.3	138.6	85.9	
20 to 24 years.....	109.0	182.5	68.2	
Male.....	111.8	163.3	105.0	
Female.....	115.4	144.7	111.7	
25 to 34 years.....	101.1	99.3	101.2	
Male.....				
Female.....				

Table 21 shows the marital condition of the population above specified age limits.

Table 21

AGE PERIOD AND SEX.	POPULATION 15 YEARS OF AGE AND OVER: 1910				
	Total.	Number.			Per cent.
		Single.	Married, widowed, or divorced.	Single.	
15 years and over.....	32,311,362	12,520,710	19,687,637	38.8	60.9
Male.....	29,902,713	8,918,476	21,015,439	29.7	70.1
Female.....	27,784,089	8,072,643	19,634,303	29.1	70.7
20 years and over.....	25,456,392	4,932,712	20,488,309	19.4	80.5
Male.....	23,203,790	4,640,482	18,598,663	20.0	79.8
Female.....	20,979,698	2,769,629	18,187,223	13.2	86.7
25 years and over.....	15,302,674	1,872,525	13,398,802	12.2	87.6
Male.....	13,728,025	1,252,303	12,464,740	9.1	90.8
Female.....	9,149,308	846,023	8,284,350	9.2	90.5
30 years and over.....	8,224,305	625,757	7,598,265	7.6	92.3
Male.....	1,985,976	126,322	1,855,901	6.2	93.5
Female.....	1,963,548	124,225	1,834,708	6.3	93.4

<sup>1</sup> Exclusive of persons of unknown age.

<sup>2</sup> Includes persons whose marital condition was not reported.

Color or race, nativity, and parentage.—Table 23 shows for 1910 statistics of marital condition for each color or race, nativity, and parentage group, giving a further classification according to age groups in the case of the more important elements in the population; it shows also the principal comparative figures for 1900.

Table 22, which is derived from Table 23, summarizes the statistics for the white population, classified by nativity and parentage, and for the negroes.<sup>1</sup>

Table 22

CLASS OF POPULATION AND SEX.	POPULATION 15 YEARS OF AGE AND OVER: 1910					
	Total.	Single.	Married, widowed, or divorced.			
			Total.	Married.	Widowed, or divorced.	
	Number.					
Per cent.						
<b>Total:</b>	32,425,806	12,550,129	19,720,152	18,092,600	1,471,390	156,162
Male.....	30,047,325	8,931,170	21,045,953	17,684,687	3,176,228	285,068
Female.....						
Nat. white—Nat. parentage:						
Male.....	16,233,095	6,185,324	9,960,438	9,144,099	728,883	67,450
Female.....	15,529,900	4,644,122	10,842,998	9,219,385	1,523,560	100,053
Nat. white—For. or mixed par.:						
Male.....	5,785,137	2,906,042	2,863,173	2,677,706	160,779	24,688
Female.....	5,887,131	2,453,017	3,421,147	3,098,623	382,318	30,206
For.-born white:						
Male.....	7,139,893	2,268,916	4,830,920	4,432,135	384,726	23,059
Female.....	5,446,306	994,110	4,444,657	3,624,003	800,112	20,542
Negro:						
Male.....	3,059,312	1,083,472	1,959,344	1,749,228	189,970	20,146
Female.....	3,163,344	823,996	2,269,066	1,775,949	439,831	33,280
<b>Total:</b>	100.0	38.7	60.8	55.8	4.5	0.5
Male.....	100.0	23.7	70.0	58.9	10.6	0.6
Female.....						
Nat. white—Nat. parentage:						
Male.....	100.0	38.1	61.4	56.3	4.5	0.5
Female.....	100.0	29.9	69.5	59.4	9.8	0.6
Nat. white—For. or mixed par.:						
Male.....	100.0	50.2	49.5	46.3	2.8	0.4
Female.....	100.0	41.7	58.1	51.1	6.5	0.5
For.-born white:						
Male.....	100.0	31.8	67.8	62.1	5.4	0.3
Female.....	100.0	18.3	81.6	66.5	14.7	0.4
Negro:						
Male.....	100.0	35.4	64.0	57.2	6.2	0.7
Female.....	100.0	26.6	73.1	57.2	14.8	1.1

<sup>1</sup> Includes persons whose marital condition was not reported.

This table shows that the excess of males in the total population 15 years of age and over is chiefly due to the marked excess of males among the foreign-born whites, although there is an appreciable excess of males also among the native whites of native parentage. For this and other reasons the distribution of the foreign-born whites with respect to marital condition differs materially from that of the other classes.

This table of course gives no direct information with regard to intermarriage among the three groups of white persons, but, beyond question, the three classes, native whites of native parentage, native whites of foreign or mixed parentage, and foreign-born whites, intermarry more or less; consequently there is not necessarily an equality between the number of married males and the number of married females within any one group.

The limited number of Indians, Chinese, and Japanese, and "other" persons may be passed over without discussion further than to point out that the marital condition among the Indians corresponds approximately to that among the negroes, while that among the Chinese and Japanese in this country is quite exceptional, the combined proportion married, widowed, or divorced among these races being very low in the case of males and very high in the case of females. Most of the married Chinese and Japanese men, however, have left their wives in their home countries, and the total number of women of these races in the United States is exceedingly small.

# MARITAL CONDITION.

## MARITAL CONDITION OF THE UNITED STATES: 1910.

(Per cent not shown where base is less than 100.)

Table 23 CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.								
	Total.	Single.		Married.		Widowed.		Divorced.		Total.	Single.		Widowed.		Divorced.		
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	
<b>ALL CLASSES: 1910.</b>																	
All ages	47,327,277	27,455,007	58.0	18,093,498	38.2	21,471,472	3.1	186,176	0.4	43,629,989	23,522,121	52.7	17,885,189	39.6	63,176,426	7.1	188,191
15 years and over	32,429,893	12,550,129	38.7	18,092,900	56.1	1,471,399	4.5	156,182	0.5	30,047,325	16,833,170	56.3	17,894,867	58.3	176,228	0.6	185,968
15 to 19 years.....	4,527,282	4,448,097	98.3	51,877	1.1	1,110	0.3	347	0.01	4,526,221	3,985,764	87.9	519,280	11.5	10,201	0.2	3,630
20 to 24 years.....	4,580,290	4,432,101	96.8	100,093	2.2	8,183	0.4	6,732	0.15	4,576,694	2,163,083	47.3	2,225,322	48.7	50,334	1.2	20,570
25 to 29 years.....	4,244,348	1,816,137	42.8	2,333,525	55.5	45,092	1.1	15,503	0.36	4,240,351	981,556	23.4	2,828,935	71.8	98,385	2.4	29,153
30 to 34 years.....	3,656,780	951,320	26.0	2,151,244	58.4	65,339	1.8	19,068	0.52	3,645,417	553,170	15.1	2,616,994	71.8	128,942	3.5	28,109
35 to 44 years.....	3,153,366	1,026,502	32.6	1,737,152	54.2	198,701	6.2	42,688	1.34	3,149,111	628,516	11.4	4,410,310	41.1	411,896	7.9	49,269
45 to 54 years.....	4,888,929	499,711	11.1	3,638,631	65.6	286,222	6.4	36,502	0.75	4,881,559	331,573	6.8	2,904,403	74.8	10,386	0.5	31,594
55 to 64 years.....	2,674,430	222,650	8.3	2,112,699	78.9	312,420	11.7	21,575	0.81	2,673,998	167,991	7.1	4,479,454	62.2	714,290	2.7	15,200
65 years and over	1,988,976	123,322	6.2	1,608,768	65.6	289,058	27.1	13,075	1.06	1,986,548	124,223	6.3	687,350	35.1	140,558	98.1	6,903
Age unknown	114,443	29,419	25.7	27,310	23.9	4,633	4.0	572	0.5	114,094	26,089	23.0	21,650	38.5	8,994	16.5	480
<b>ALL CLASSES: 1900.</b>																	
All ages	38,148,349	23,492,923	60.5	13,936,314	36.5	11,178,006	3.0	84,237	0.2	39,178,127	20,461,422	52.5	13,813,787	37.2	71,732,839	7.3	114,677
15 years and over	25,629,299	10,297,290	40.2	15,958,956	61.1	1,177,876	4.5	64,206	0.25	24,249,261	13,810,837	57.0	11,717,715	11.2	114,647		
15 to 19 years.....	3,750,451	3,708,282	98.9	37,781	1.0	871	(3)	194	0.05	3,748,633	3,374,814	88.7	415,682	10.9	9,336	0.2	2,418
20 to 24 years.....	3,624,380	2,120,113	57.6	782,907	21.6	33,372	0.4	3,322	0.09	3,610,436	1,913,552	51.6	1,726,496	46.5	52,545	1.4	13,124
25 to 29 years.....	3,321,543	1,530,792	45.8	1,174,620	35.2	188,781	5.6	8,218	0.25	3,316,938	882,875	27.5	2,309,537	68.9	91,847	2.9	18,461
30 to 34 years.....	2,901,321	800,875	27.6	1,644,722	56.7	100,307	3.4	10,307	0.35	2,890,914	581,449	19.6	2,071,668	69.5	4,461	0.16	17,884
35 to 44 years.....	4,872,781	826,201	17.0	3,490,575	78.2	233,536	5.0	22,630	0.46	4,849,166	441,668	11.1	3,451,735	70.5	372,677	8.0	29,993
45 to 54 years.....	3,602,438	494,429	13.7	2,797,534	82.8	170,658	4.8	19,408	0.53	3,600,983	254,443	7.8	2,121,239	59.5	526,456	17.6	19,111
55 to 64 years.....	2,022,424	156,883	7.6	1,644,372	81.3	245,424	11.9	19,411	0.94	2,020,454	128,654	6.6	1,172,662	60.5	51,361	2.5	1,000
65 years and over	1,555,418	89,152	5.7	1,044,051	67.1	140,565	2.4	7,355	0.47	1,552,080	90,808	6.0	521,230	32.4	90,519	59.0	4,129
Age unknown	127,423	36,204	28.6	35,260	28.5	4,500	3.5	909	0.7	127,087	17,987	24.6	29,302	41.1	11,509	15.7	501
<b>WHITE.</b>																	
All ages, 1910	47,185,240	24,379,588	57.8	16,254,396	38.3	1,274,464	3.0	135,213	0.3	46,583,717	26,588,712	55.5	18,586,577	40.1	67,966,137	6.4	180,830
15 years and over, 1910	32,429,893	11,960,282	37.2	18,092,900	56.1	1,471,399	4.5	156,182	0.5	30,047,325	16,833,170	56.3	17,894,867	58.3	176,228	0.6	185,968
1900.....	22,838,628	9,173,430	40.2	12,445,858	54.6	1,020,387	4.5	72,701	0.3	21,343,022	6,747,306	31.4	12,319,767	57.3	2,931,872	10.7	91,787
15 to 19 years.....	3,909,143	3,935,550	98.4	40,304	1.0	690	(3)	230	0.006	3,925,988	3,525,988	88.8	416,178	10.5	5,233	0.1	2,300
20 to 24 years.....	4,070,935	3,222,440	78.9	913,059	22.4	11,506	0.3	4,856	0.12	4,065,456	1,908,619	50.3	1,893,144	48.4	29,260	0.7	14,330
25 to 29 years.....	7,099,298	2,545,440	35.7	4,914,717	69.3	81,329	1.1	27,920	0.39	7,092,019	1,399,110	21.7	4,833,792	75.1	156,107	2.3	
30 to 34 years.....	6,180,290	1,441,465	23.3	4,146,825	67.1	200,931	3.3	19,929	0.32	6,179,929	1,029,623	16.9	4,907,989	80.7	62,848	1.0	27,884
35 to 44 years.....	6,185,282	670,486	10.3	5,263,790	85.0	250,931	4.0	52,119	0.84	6,170,222	476,679	8.0	4,055,548	70.8	1,152,603	20.1	41,973
45 to 64 years.....	1,825,019	115,719	6.3	1,563,920	65.3	486,292	26.1	12,616	0.69	1,821,844	118,298	6.5	647,347	35.5	1,043,632	57.5	6,274
Age unknown	64,112	24,923	39.2	18,409	28.6	9,314	15.5	453	0.7	64,069	12,947	20.3	14,381	22.6	13,297	21.3	385
<b>NEGRO.</b>																	
All ages, 1910	4,888,881	2,909,502	59.6	1,749,359	38.8	185,976	3.9	20,148	0.4	4,941,882	2,861,738	58.9	1,776,348	36.0	459,889	9.3	33,280
15 years and over, 1910	3,083,212	1,902,322	61.7	1,030,922	33.4	183,388	2.8	18,633	0.6	3,064,583	1,833,388	59.8	1,775,947	58.1	319,811	14.8	3,205
1900.....	2,652,808	1,053,285	39.2	1,422,880	54.0	151,253	5.7	11,026	0.4	2,641,583	943,680	35.9	1,443,417	55.7	114,107	4.3	102,033
15 to 19 years.....	507,945	492,153	96.9	11,064	2.2	416	0.1	104	0.02	502,471	448,515	81.2	49,487	10.0	4,929	0.9	2,285
20 to 24 years.....	452,127	287,994	63.7	127,110	37.8	7,160	1.5	1,809	0.4	450,648	191,396	44.9	323,773	59.9	27,776	4.7	5,876
25 to 29 years.....	753,968	189,196	25.1	582,140	69.9	28,211	3.7	6,408	0.8	745,548	115,682	15.5	592,547	74.5	73,330	9.2	12,448
30 to 34 years.....	530,120	145,711	27.5	384,409	72.5	20,817	3.9	1,508	0.3	528,602	38,165	7.1	401,908	74.4	90,838	15.9	3,208
35 to 44 years.....	595,554	36,601	6.2	477,712	80.2	74,809	12.6	5,514	0.9	590,068	22,483	4.0	313,823	6.6	168,446	32.8	4,964
45 to 64 years.....	152,842	6,283	4.1	102,670	67.3	41,891	27.6	999	0.6	151,642	5,243	3.7	42,404	29.9	62,856	65.6	585
Age unknown	17,076	9,860	57.8	8,622	50.5	1,289	7.5	114	0.6	17,062	2,572	15.4	2,246	14.7	5,082	29.6	190
<b>INDIAN.</b>																	
15 years and over, 1910	80,383	27,391	34.1	46,154	57.4	4,316	6.8	679	0.8	79,682	16,324	21.2	49,095	63.8	10,713	13.1	958
<b>CHINESE.</b>																	
15 years and over, 1910	64,296	34,300	53.1	25,441	41.1	1,139	1.8	45	0.07	63,800	23,016	36.2	229	0.7	8		
<b>JAPANESE.</b>																	
15 years and over, 1910	60,530	42,688	70.5	15,918	26.3	495	0.8	86	0.14	60,448	40,887	67.6	5,881	9.8	96	1.4	17
<b>ALL OTHER RACES.</b>																	
15 years and over, 1910	3,065	1,966	64.4	911	29.8	7	0.2	3	0.1	3,062	1,939	63.3	35	1.1	11		
<b>NATIVE WHITE-NATIVE PARENTAGE.</b>																	
All ages, 1910	25,228,212	15,189,989	60.2	9,144,919	36.2	728,920	2.9	87,463	0.3	24,259,387	13,277,257	55.1	9,221,615	38.0	1,523,629	6.3	100,676
15 years and over, 1910	16,230,095	6,185,234	38.1	11,641,983	68.3	728,883	6.5	87,456	0.5	16,230,095	4,644,122	29.5	9,219,388	54.1	1,523,560	9.8	100,676
1900.....	13,088,058	5,196,263	39.7	7,190,922	55.0	587,994	4.5	47,993	0.4	12,561,312	3,803,417	31.0	7,251,275	57.7	1,332,334	10.6	62,588
15 to 19 years.....	2,552,528	2,504,473	98.1	33,181	1.3	828	(3)	178	0.007	2,549,856	2,199,856	86.7	313,124	12.5	4,394	0.2	1,951
20 to 24 years.....	2,332,914	1,091,383	47.2	618,300	26.5	32,808	1.4	3,763	0.16	2,329,080							

Among the native whites of native parentage the number of married males in 1910 differed but little from the number of married females, and this was also true of the negroes; but in the case of the native whites of foreign or mixed parentage the married women considerably outnumbered the married men, probably because many women of this class have married foreign-born men, the number of the latter reported as married being much larger than the number of married foreign-born women. The larger number of married men than of married women in the foreign-born class is partly due, however, to the presence of men who have left their wives abroad.

The number of single men materially exceeded the number of single women in each of the four classes shown in the table, the excess being particularly marked among the foreign-born whites, in which group single men outnumbered single women more than two to one. In each class, on the other hand, there were more than twice as many widows as widowers.

Of the total number of native white males of native parentage 15 years of age and over in 1910, 38.1 per cent were single and 61.4 per cent married, widowed, or divorced, the corresponding percentages for females being 29.9 and 69.8.

Among native whites of foreign or mixed parentage the proportion married, widowed, or divorced was much lower for both sexes (49.5 and 58.1 per cent, respectively), than among native whites of native parentage. As shown later, this difference is not due to differences between the two parentage groups with regard to age distribution. Among the foreign-born whites, on the other hand, the proportion married, widowed, or divorced both for males and for females (67.8 and 81.6 per cent, respectively), was much higher than among the native whites of native parentage, but in the case of males this difference, as indicated by Table 24, is wholly due to the fact that the foreign-born whites are much older on the average than the native whites and among females also it is largely due to this cause. The proportions married, widowed, or divorced for negro men and for negro women (64 and 73.1 per cent, respectively), were somewhat higher than for native whites of native parentage.

The difference between the sexes with respect to the proportion married, widowed, or divorced is, as shown by the percentages quoted above, more conspicuous in the case of the foreign-born whites than in the case of any other group. One cause of this marked disparity is the fact that single women are much less apt to leave their native country for a new home than single men. Considering only persons who were in the married state at the time of the census, the negroes are the only group shown in the table in which the proportion married is as high among males as it is among females, the percentages in the case of this race being the same for the two sexes.

The proportion of divorced persons, as shown by Table 22, is slightly higher for females than for males in each of the four classes of population specified. As already stated, all the percentages relating to divorced persons may be assumed to be somewhat too low. The proportion of divorced persons reported is higher among negroes than in any other class, that for negro women, which is the highest of all, being 1.1 per cent.

Table 24, which is also based upon Table 23, shows by percentages for 1910 the marital condition of the principal classes of the population according to age groups. For convenience, the small percentages of divorced persons have been combined with those for the widowed. The diagram on the next page shows graphically the percentage single, married, widowed, or divorced in each class, by broad age groups.

Table 21

CLASS OF POPULATION AND AGE PERIOD.	PER CENT OF TOTAL IN SPECIFIED AGE GROUP WHO WERE—								
	Single.		Married, widowed, or divorced.		Married.		Widowed or divorced.		
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
<b>Total population:</b>									
15 years and over:	38.7	29.7	60.8	70.0	55.8	58.9	5.0	11.2	
15 to 19 years.....	98.3	87.9	1.2	11.0	1.1	11.3	(?)	0.3	
20 to 24 years.....	74.9	48.3	24.9	51.4	24.0	49.7	0.6	1.7	
25 to 34 years.....	35.0	29.9	64.7	79.0	62.8	75.1	1.8	3.9	
35 to 44 years.....	16.7	11.4	83.1	88.5	79.2	80.1	3.9	8.4	
45 to 64 years.....	10.1	8.0	89.7	91.9	80.6	70.0	0.2	21.9	
65 years and over.....	8.2	6.3	93.5	93.4	65.0	59.0	27.8	58.4	
<b>Native white—Native par.:</b>									
15 years and over:	38.1	29.5	61.4	69.8	56.3	59.4	5.0	10.5	
15 to 19 years.....	98.1	86.7	1.4	12.8	1.3	12.5	(?)	0.3	
20 to 24 years.....	39.0	24.9	60.2	63.2	50.5	56.2	0.6	0.4	
25 to 34 years.....	31.2	19.5	68.5	80.4	66.6	71.1	1.9	3.3	
35 to 44 years.....	14.5	10.8	85.3	89.2	81.3	89.9	4.0	7.3	
45 to 64 years.....	8.9	8.2	90.9	91.7	81.5	67.8	0.1	20.0	
65 years and over.....	5.6	7.4	94.0	92.4	67.3	35.8	26.7	56.6	
<b>Native white—Foreign or mixed parentage:</b>									
15 years and over:	50.2	43.7	49.5	58.1	46.3	51.1	3.2	7.0	
15 to 19 years.....	99.1	94.4	0.2	5.1	0.1	5.0	(?)	0.1	
20 to 24 years.....	81.2	62.8	18.4	36.9	30.2	36.2	0.2	0.7	
25 to 34 years.....	43.9	30.6	55.9	69.2	54.5	66.5	1.4	2.8	
35 to 44 years.....	22.7	17.5	77.2	82.1	72.6	74.7	3.5	7.4	
45 to 64 years.....	14.2	12.3	85.7	87.6	77.5	67.8	0.3	19.8	
65 years and over.....	8.9	8.6	90.9	91.3	64.8	35.0	26.1	56.3	
<b>Foreign-born white:</b>									
15 years and over:	31.8	18.3	67.8	81.6	62.1	66.5	5.7	15.1	
15 to 19 years.....	98.6	86.3	0.8	13.2	0.8	13.1	(?)	0.1	
20 to 24 years.....	80.3	44.9	19.2	54.9	19.0	54.3	0.2	0.7	
25 to 34 years.....	39.3	18.0	60.3	81.9	59.4	79.5	0.9	2.4	
35 to 44 years.....	17.3	8.6	82.5	91.4	79.7	84.1	2.8	7.3	
45 to 64 years.....	10.7	5.9	89.1	94.2	80.4	70.8	0.5	23.4	
65 years and over.....	7.1	4.3	92.6	95.3	62.5	34.7	30.2	60.7	
<b>Negro:</b>									
15 years and over:	35.4	28.6	64.0	73.1	67.2	57.2	6.9	15.9	
15 to 19 years.....	96.9	81.2	2.3	18.1	2.2	17.0	0.1	1.1	
20 to 24 years.....	39.7	34.9	59.6	64.8	57.8	59.0	1.9	5.8	
25 to 34 years.....	25.1	14.5	74.8	85.9	69.9	74.5	4.6	10.8	
35 to 44 years.....	12.2	7.1	87.5	92.8	80.0	74.4	7.6	14.8	
45 to 64 years.....	6.2	4.4	93.7	95.4	80.2	61.6	13.4	33.8	
65 years and over.....	4.1	3.7	95.3	95.7	69.3	29.2	28.1	66.0	

<sup>1</sup> Percentages based on total population, which includes a small number of persons of unknown age.

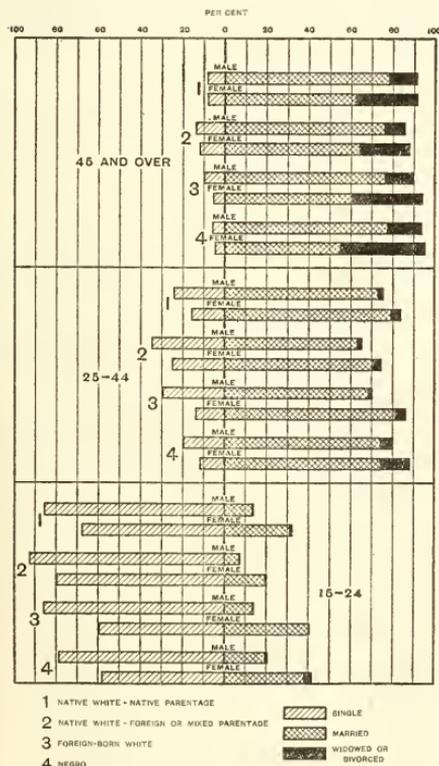
<sup>2</sup> Less than one-tenth of 1 per cent.

In every age group and for both sexes the proportion married, widowed, or divorced was materially higher in the case of the native whites of native parentage than in the case of the native whites of foreign or mixed parentage. This is partly due to the difference in the geographic distribution of the two classes. A much larger proportion of the native whites of foreign or mixed parentage than of the native whites of native parentage are in urban communities, and much larger proportions of the former class than of the latter are in the North and the West. People living in urban communities are less apt to marry, or tend to marry

later, than those living in rural districts; and persons living in the North and the West are less apt to marry, or tend to marry later, than persons living in the South.

Table 24 shows, also, that in each of the individual age groups the percentage married, widowed, or divorced was higher for native white males of native parentage than for foreign-born white males. On the other hand, among females the percentages were somewhat lower for the native whites of native parentage than for the foreign-born whites. The negroes of both sexes marry at a somewhat earlier age than the native whites of native parentage, but in the older age groups the percentage married among negroes was lower and the percentage married among negroes was lower and the percentage widowed or divorced higher than among native whites of native parentage, except that in the case of males 65 years and over the percentage married was the same in the two population classes.

MARITAL CONDITION OF PRINCIPAL CLASSES OF THE POPULATION, BY AGE PERIODS: 1910.



Comparisons with previous censuses.—Table 25 shows, by sex, the percentages single, married, widowed, or divorced in the total population 15 years of age and over for the last three censuses.

**Table 25**

MARITAL CONDITION.	PER CENT DISTRIBUTION OF—					
	Males 15 years of age and over.			Females 15 years of age and over.		
	1910	1900	1890	1910	1900	1890
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
Single.....	38.7	40.2	41.7	29.7	31.2	31.8
Married, widowed, or divorced.....	60.8	59.4	58.1	70.0	68.6	68.1
Married.....	55.8	54.5	53.9	58.9	57.0	56.8
Widowed.....	4.5	4.6	3.9	10.6	11.2	11.9
Divorced.....	0.5	0.3	0.2	0.6	0.5	0.4
Marital condition not reported.....	0.5	0.4	0.3	0.2	0.2	0.1

There has been for both sexes a gradual advance since 1890 in the percentage of married persons and in the percentage of married, widowed, or divorced persons combined. The latter percentage rose, in the case of males, from 58.1 in 1890 to 59.4 in 1900 and 60.8 in 1910, while the corresponding percentages for females were 68.1, 68.6, and 70, respectively. These increasing percentages are only in part, if at all, attributable to changes in the race, nativity, and parentage composition of the population, or to changes in age distribution.

Table 26 shows for the males and females in each of the principal race, nativity, and parentage groups the percentage reported as single, as married, widowed, or divorced, and as married, respectively.

**Table 26**

CLASS OF POPULATION AND SEX.	PER CENT OF PERSONS 15 YEARS OF AGE OR OVER WHO WERE—								
	Single.			Married, widowed, or divorced.			Married.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890
<b>Total:</b>									
Male.....	38.7	40.2	41.7	60.8	59.4	58.1	55.8	54.5	53.9
Female.....	29.7	31.2	31.8	70.0	68.6	68.1	68.9	67.0	66.8
Native white—Native parentage:									
Male.....	38.1	39.7	40.1	61.4	59.8	59.7	56.3	55.0	53.4
Female.....	29.6	31.0	30.6	69.5	68.5	68.3	69.4	67.7	68.2
Native white—Foreign or mixed parentage:									
Male.....	50.2	54.5	61.9	49.5	45.3	38.0	46.3	47.7	36.2
Female.....	41.7	44.4	51.0	58.1	55.6	49.0	51.1	49.4	44.3
Foreign-born white:									
Male.....	31.8	29.4	32.1	67.8	70.3	67.6	62.1	63.8	62.2
Female.....	18.3	19.5	20.7	81.6	80.3	79.2	66.5	64.2	63.9
Negro:									
Male.....	35.4	39.2	39.8	64.0	60.2	60.0	57.2	54.0	55.5
Female.....	26.6	29.9	30.0	73.1	69.9	69.8	57.2	53.7	54.6

The combined percentage of married, widowed, or divorced persons was higher in 1910 than in 1900 or in 1890 for each sex in each of the four principal race, nativity, and parentage groups, except that in the case of the foreign-born white males the percentage was lower in 1910 than in 1900. In the case of native white females of native parentage, however, the percentage married, widowed, or divorced was slightly lower in 1900 than in 1890. These higher percentages of married, widowed, or divorced persons combined were chiefly due to a higher proportion of married persons, although the proportion of widowed or divorced persons has also generally increased.

Table 27 shows the percentage of males and females of specified ages reported as single, as married, and as married, widowed, or divorced at the censuses of 1910, 1900, and 1890.

AGE PERIOD AND SEX.	PER CENT OF PERSONS IN SPECIFIED AGE GROUP WHO WERE—								
	Single.			Married, widowed, or divorced.			Married.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890
<b>15 years and over:<sup>1</sup></b>									
Male.....	38.7	40.2	41.7	60.8	59.4	58.1	35.8	34.5	33.9
Female.....	29.7	31.2	31.8	70.0	68.6	68.3	58.9	57.0	56.8
<b>15 to 19 years:</b>									
Male.....	98.3	98.8	99.4	1.2	1.0	0.5	1.1	1.0	0.5
Female.....	87.9	88.7	90.3	11.0	11.2	9.7	11.3	10.9	9.5
<b>20 to 24 years:</b>									
Male.....	74.9	77.6	80.7	24.6	22.1	19.2	24.6	21.6	18.9
Female.....	48.3	51.6	51.8	51.4	48.3	48.3	49.7	46.5	46.7
<b>25 to 34 years:</b>									
Male.....	35.0	37.3	36.8	64.7	62.5	63.1	62.8	60.6	61.5
Female.....	20.9	22.6	20.7	79.0	77.3	79.2	75.1	73.0	75.2
<b>35 to 44 years:</b>									
Male.....	16.7	17.0	15.3	83.1	82.9	84.5	79.2	78.8	80.9
Female.....	11.4	11.1	9.9	88.5	88.8	90.1	80.1	79.5	80.6
<b>45 to 64 years:</b>									
Male.....	10.1	9.3	8.2	89.7	90.6	91.6	80.6	81.3	83.5
Female.....	8.0	7.4	6.6	91.9	92.9	93.3	70.0	68.6	68.8
<b>65 years and over:</b>									
Male.....	6.2	5.7	5.6	93.5	94.0	94.2	65.6	67.1	70.5
Female.....	6.3	6.0	5.6	93.4	93.8	94.2	35.0	34.2	35.4

<sup>1</sup> Includes persons of unknown age.

In the age groups 15 to 19 years, 20 to 24 years, and 25 to 34 years, the percentage married, widowed, or divorced was greater in 1910 than in 1900, and in the case of the first two groups it was also greater in 1900 than in 1890. In the age group 25 to 34 years the percentage for males was greater in 1910 than at either of the two preceding censuses, but was less in 1900 than in 1890, while for females the percentage was greater in 1910 than in 1900, although in both years it was lower than in 1890. In each of the three age groups comprising persons 35 years of age or over, a decrease occurred during both of the decades covered by the table in the percentage married, widowed, or divorced both for males and for females, with the single exception that the percentage for males from 35 to 44 years of age increased slightly between 1900 and 1910.

Table 28 shows, for 1910, 1900, and 1890, the percentage of married, widowed, or divorced persons among males and females, respectively, for the principal color or race, nativity, and parentage groups, classified by age.

For each class shown in the table the percentage of married, widowed, or divorced persons in the age groups 15 to 19 years and 20 to 24 years was higher, both for males and for females, in 1910 than in 1900 or 1890, except that the percentage for native white males of foreign or mixed parentage 15 to 19 years of age was the same in 1910 as in 1900. This would in-

dicating that in all classes of the population a larger proportion are marrying in the earlier ages than was the case 10 or 20 years ago. The falling off in the natural rate of increase of population in this country would therefore seem not in any way due to the postponement of marriage. In the age group 25 to 34 years the proportion married, widowed, or divorced in 1910 was greater than in 1900 for both males and females in all classes of the population, with the single exception of the foreign-born white males. For the two groups comprising persons 45 years of age and over, the proportion of persons in the three classes of the white population who were or had been married has shown a decrease at each census since 1890, with the single exception of the native white females of native parentage from 45 to 64 years of age, for whom the percentage was the same in 1910 as in 1900. For the white population it thus appears that although the proportion marrying at early ages shows an increase, the proportion married, widowed, or divorced in the higher age groups was not so great in 1910 as in 1900 or 1890. Among the negroes the proportion married, widowed, or divorced in each age group was higher in 1910 than in 1900.

CLASS OF POPULATION AND AGE PERIOD.	PER CENT MARRIED, WIDOWED, OR DIVORCED.					
	Male.			Female.		
	1910	1900	1890	1910	1900	1890
<b>Total:</b>						
<b>15 years and over:<sup>1</sup></b> .....	60.8	58.4	58.1	70.0	68.6	68.1
15 to 19 years.....	1.2	1.0	0.5	11.9	11.2	9.7
20 to 24 years.....	24.6	22.1	19.2	51.4	48.3	48.1
25 to 34 years.....	64.7	62.5	63.1	79.0	77.3	79.2
35 to 44 years.....	83.1	82.9	84.5	88.5	88.8	90.1
45 to 64 years.....	89.7	90.6	91.6	91.9	92.5	93.3
65 years and over.....	65.5	64.0	64.2	94.3	93.8	94.2
<b>Native white—Native parentage:</b>						
<b>15 years and over:<sup>1</sup></b> .....	61.4	59.8	59.7	69.8	68.5	69.3
15 to 19 years.....	1.4	1.2	0.6	12.8	12.5	11.0
20 to 24 years.....	27.0	24.8	20.5	53.2	51.2	51.5
25 to 34 years.....	65.5	63.7	66.6	80.4	79.0	80.8
35 to 44 years.....	83.3	83.1	85.5	89.2	89.0	89.5
45 to 64 years.....	90.9	91.7	92.6	91.7	91.7	92.3
65 years and over.....	94.0	94.6	94.8	92.4	92.8	93.3
<b>Native white—Foreign or mixed parentage:</b>						
<b>15 years and over:<sup>1</sup></b> .....	49.5	45.3	35.0	58.1	55.8	48.0
15 to 19 years.....	0.3	0.3	0.1	5.1	5.0	4.2
20 to 24 years.....	15.4	13.1	11.0	36.9	35.0	34.6
25 to 34 years.....	55.9	52.5	55.3	69.2	68.1	71.4
35 to 44 years.....	77.2	75.1	80.6	87.1	85.9	87.1
45 to 64 years.....	85.7	86.9	88.9	87.6	87.8	91.5
65 years and over.....	93.9	92.2	93.6	91.3	91.9	92.3
<b>Foreign-born white:</b>						
<b>15 years and over:<sup>1</sup></b> .....	67.8	70.3	67.6	61.6	60.3	79.2
15 to 19 years.....	0.8	0.7	0.9	13.2	11.0	8.4
20 to 24 years.....	19.2	17.3	15.1	54.9	46.5	45.2
25 to 34 years.....	60.2	60.9	56.1	81.0	80.7	80.1
35 to 44 years.....	82.5	82.1	82.2	81.4	81.6	81.2
45 to 64 years.....	89.1	89.5	90.3	94.2	94.4	96.1
65 years and over.....	92.6	93.0	93.2	95.3	95.6	96.0
<b>Negro:</b>						
<b>15 years and over:<sup>1</sup></b> .....	64.0	60.2	60.0	73.1	69.9	69.8
15 to 19 years.....	2.3	1.8	0.9	15.1	16.6	15.0
20 to 24 years.....	23.6	25.1	34.2	64.8	60.0	61.7
25 to 34 years.....	74.5	71.6	74.7	85.3	82.4	84.5
35 to 44 years.....	87.5	85.5	88.5	92.8	91.9	92.4
45 to 64 years.....	92.7	90.3	93.0	95.4	91.6	91.2
65 years and over.....	95.5	95.0	94.3	95.0	95.2	95.3

<sup>1</sup> Percentages based on total population, which includes a small number of persons of unknown age.

DIVISIONS AND STATES.

Total population, by divisions.—Table 29 shows for the different geographic divisions of the country the proportions single, married, widowed, or divorced among persons 15 years of age and over, classified by sex. The percentages are summarized graphically in the accompanying diagram.

**Table 29**

PER CENT OF TOTAL POPULATION 15 YEARS OF AGE AND OVER.

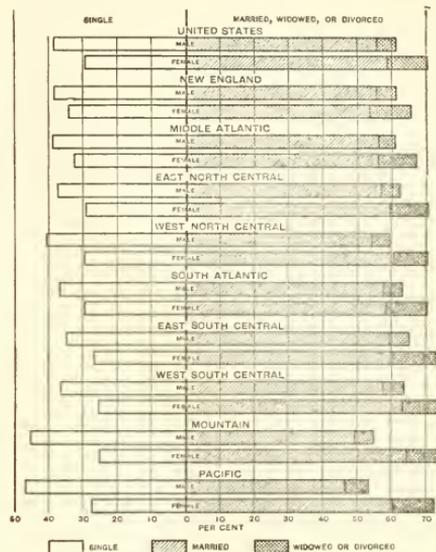
DIVISION AND SEX.	Married, widowed, or divorced.				
	Single.	Total.			
		Married.	Widowed.	Divorced.	
<b>United States:</b>					
Male.....	38.7	60.8	55.8	4.5	0.5
Female.....	29.7	70.0	58.9	10.6	0.6
<b>NEW ENGLAND:</b>					
Male.....	35.6	61.2	55.5	5.1	0.5
Female.....	34.2	65.7	53.6	11.5	0.6
<b>MIDDLE ATLANTIC:</b>					
Male.....	39.0	60.7	56.1	4.3	0.2
Female.....	32.6	67.3	56.1	10.8	0.3
<b>EAST NORTH CENTRAL:</b>					
Male.....	37.5	62.1	57.0	4.5	0.6
Female.....	29.1	70.7	59.8	10.1	0.7
<b>WEST NORTH CENTRAL:</b>					
Male.....	40.5	58.9	54.1	4.3	0.5
Female.....	29.7	70.0	60.4	9.0	0.7
<b>SOUTH ATLANTIC:</b>					
Male.....	36.9	62.7	57.9	4.6	0.3
Female.....	29.6	70.1	58.4	11.3	0.4
<b>EAST SOUTH CENTRAL:</b>					
Male.....	34.9	64.8	59.2	5.1	0.5
Female.....	26.8	72.9	60.3	11.8	0.8
<b>WEST SOUTH CENTRAL:</b>					
Male.....	36.5	62.9	57.5	4.9	0.5
Female.....	25.3	74.4	63.1	10.6	0.7
<b>MOUNTAIN:</b>					
Male.....	45.1	54.1	49.5	3.8	0.8
Female.....	25.2	74.4	64.5	9.0	1.0
<b>PACIFIC:</b>					
Male.....	46.9	51.9	46.7	4.2	1.0
Female.....	27.4	72.4	60.5	10.6	1.3

The percentage of females who were or had been married was lower in New England than in other geographic divisions, while the proportion of males who were or had been married was lower in the Pacific and Mountain divisions than in the other divisions. It should be borne in mind in this connection that the number of males to 100 females is much higher in the Pacific and Mountain divisions than in any other, whereas New England is the only division in which the females outnumber the males. The factors of race and age doubtless exercise an appreciable influence upon the marital condition of the total population, but, independently of racial or age composition, it is almost inevitable that the proportion married, widowed, or divorced among males should be smallest in those geographic divisions in which the excess of males over females is greatest. Conversely it is natural that the proportion married among women should be relatively low in that section of the country where the females outnumber the males.

The proportion widowed is highest for both sexes in the East South Central and New England divisions and lowest for males in the Mountain and Pacific divisions and for females in the West North Central and Mountain divisions.

The proportion divorced is highest for both sexes in the Mountain and Pacific divisions and lowest for both sexes in the Middle Atlantic and South Atlantic divisions.

MARITAL CONDITION OF THE TOTAL POPULATION 15 YEARS OF AGE AND OVER, BY DIVISIONS: 1910.



Color or race, nativity, and parentage classes, by divisions.—Table 30 shows for 1910, by geographic divisions, the percentage of the male and female population 15 years of age and over in the color or race, nativity, and parentage classes who were married, widowed, or divorced, and also the percentage who were married.

For each class of the population except the native whites of native parentage the percentage married, widowed, or divorced among the males was higher in the East South Central division than in any other. For the native whites of native parentage the New England division ranked first in this respect, with the East South Central second. For each class of population except the native whites of foreign or mixed parentage the percentage was lowest in the Pacific division. For the native whites of foreign or mixed parentage the lowest percentage was found in New England, with the Pacific division ranking next.

Among females the percentage married, widowed, or divorced was highest in the divisions west of the Mississippi River, for the native whites of native parentage, in the West South Central division; for the native whites of foreign or mixed parentage, in the Mountain division; for the foreign-born whites, in the West North Central division; and for the negroes, in the Mountain division. On the other hand, the proportion of females married, widowed, or divorced was lowest in New England for every class except the native whites of native parentage, for whom the proportion was lowest in the Middle Atlantic division, New England ranking next in this respect.

Table 30

DIVISION AND SEX.	PER CENT OF PERSONS 15 YEARS OF AGE AND OVER.									
	All classes.		Native white.				Foreign-born white.		Negro.	
			Native parentage.		Foreign or mixed parentage.					
	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.
<b>United States:</b>										
Male.....	80.8	58.8	61.4	56.3	49.5	46.3	67.8	62.1	64.0	57.2
Female.....	70.0	58.9	68.8	59.4	58.1	51.1	81.6	66.6	73.1	57.2
<b>NEW ENGLAND:</b>										
Male.....	61.2	55.5	65.0	57.7	42.9	39.8	68.2	62.7	58.2	51.7
Female.....	65.7	53.6	68.2	53.1	48.0	42.0	74.9	62.1	67.7	50.0
<b>MIDDLE ATLANTIC:</b>										
Male.....	60.7	56.1	60.9	55.8	48.7	45.4	67.8	63.2	60.4	54.5
Female.....	67.3	56.1	66.1	55.2	55.5	47.6	78.3	64.7	69.0	53.3
<b>EAST NORTH CENTRAL:</b>										
Male.....	62.1	57.0	61.9	56.6	52.5	49.4	72.2	65.7	60.5	51.7
Female.....	70.7	59.8	68.5	58.4	60.5	53.3	85.3	69.3	75.3	56.5
<b>WEST NORTH CENTRAL:</b>										
Male.....	58.9	54.1	59.6	54.8	47.8	45.2	70.1	63.1	60.3	51.4
Female.....	70.0	60.4	69.9	60.7	58.6	51.4	87.9	71.2	75.0	56.2
<b>SOUTH ATLANTIC:</b>										
Male.....	62.7	57.9	62.3	58.1	56.0	53.7	66.4	60.4	63.8	57.9
Female.....	70.1	58.4	69.5	59.4	61.9	51.4	82.9	65.3	71.5	56.9
<b>EAST SOUTH CENTRAL:</b>										
Male.....	64.8	59.2	64.2	59.6	59.5	55.0	74.9	65.5	65.9	58.5
Female.....	72.9	60.3	72.2	62.0	64.3	52.6	86.7	69.7	74.7	57.4
<b>WEST SOUTH CENTRAL:</b>										
Male.....	62.9	57.5	62.2	57.6	55.7	51.7	70.5	62.9	64.9	57.4
Female.....	74.4	63.1	74.2	65.0	66.4	57.4	85.6	67.5	74.9	58.8
<b>MOUNTAIN:</b>										
Male.....	54.1	49.5	55.1	50.3	49.0	45.6	55.7	50.9	55.3	47.6
Female.....	74.4	64.5	73.0	63.9	66.5	60.0	87.3	71.9	77.1	56.6
<b>PACIFIC:</b>										
Male.....	51.9	46.7	54.9	49.2	45.6	41.6	54.4	48.6	52.6	45.9
Female.....	72.4	60.5	72.1	60.4	62.2	54.2	84.2	67.8	76.0	56.6

Comparing the different color or race, nativity, and parentage groups within the same division, it appears that for males the percentage married, widowed, or divorced was highest among the foreign-born whites in every division excepting the Pacific, where the highest proportion was among the native whites of native parentage. For females the highest percentage married, widowed, or divorced was, in all geographic divisions, among the foreign-born whites. This uniformity results from the fact that the proportion of the foreign-born whites in the early age groups is comparatively low. The percentage of persons married, widowed, or divorced was lowest in every division and for both sexes among the native whites of foreign or mixed parentage, a fact in part attributable to the relatively large number of young persons in this class of population.

In all divisions, and for each color or race, nativity, and parentage group, the proportion of persons married, widowed, or divorced was higher for females than for males. In a majority of cases the proportion of married persons alone was also higher among females than among males.

Generally speaking, the differences between the geographic divisions as respects marital condition are largely explained by differences in the composition of the population in regard to sex, age, race, nativity, and parentage. The foregoing table shows, however, for each race, nativity, and parentage class appreciable differences among the divisions. These in turn

are largely explained either by variations in the age and sex distribution of the population or by varying habits with respect to the age of marriage. These factors are in part exhibited in Table 31, page 156, which shows for each division the percentage of married, widowed, or divorced persons combined in the principal classes of the population, by sex and age groups.

The absolute numbers on which the percentages in Table 31 are based appear in Table 32, which also gives further details.

The degree of prevalence of early marriages in the case of males is fairly well indicated by the percentage married, widowed, or divorced in the age group 20 to 24 years. For native white males of native parentage the percentage in 1910 was conspicuously high in the three southern divisions, and lowest in the Pacific, New England, and Mountain divisions, in the order named. In the South the percentage of negro males in the same age group who were married, widowed, or divorced was much higher than the percentage of native whites of native parentage. In other sections of the country, where the negroes are less numerous, there was no such marked difference. The proportions for the native whites of foreign or mixed parentage and for foreign-born whites were fairly uniform throughout the country, except that in the West South Central division, where much of the foreign stock is of Mexican rather than European origin, they were considerably higher than elsewhere.

For females the proportion married, widowed, or divorced in the age group 15 to 19 is more significant as to prevalence of early marriage. Among the native whites of native parentage this proportion was greater in the three southern divisions than elsewhere. In two of these divisions, the East South Central and the West South Central, the proportion was also higher in the age group 20 to 24 years, but the proportion for this group in the South Atlantic division was exceeded by that in the Mountain division. Among the negro women early marriages are more frequent in the South than in the remainder of the country. For the native whites of foreign or mixed parentage there were high percentages of married persons among females from 15 to 24 years of age in the West South Central, Mountain, and Pacific divisions. Among the foreign-born whites the percentages were high in the South, where, however, this class forms an inconsiderable element in the aggregate population.

Table 32, pages 156 to 159, presents detailed statistics of marital condition by geographic divisions.

States.—Table 33, pages 160 to 162, shows the distribution, according to marital condition, of the males and females 15 years of age and over in each of the principal classes of population, by states.

#### URBAN AND RURAL COMMUNITIES.

Table 34, page 163, shows the marital condition of males and females by age groups for the principal race, nativity, and parentage classes, distinguishing between urban and rural communities.

For the population 15 years of age and over, both for males and females, the proportion of single persons is greater, and, conversely, the proportion of those who are married is less, in the urban than in the rural population. For both males and females, a smaller percentage of persons married, widowed, or divorced, is found in urban communities in each of the

age periods specified in the table, the difference being particularly great in the younger age periods.

The native classes of the population, the whites both of native and of foreign or mixed parentage and the negroes, show, like the population at large, a smaller percentage of persons married, widowed, or divorced in urban than in rural communities, not only for the entire population 15 years of age and over, but also for each of the age groups given in the table.

For the foreign-born white females also, the proportion married, widowed, or divorced is smaller in towns and cities than in the rural districts. The foreign-born white males 15 years and over form an exception to all other classes in having among those who live in cities a smaller percentage of single persons, and, conversely, a larger percentage of married, widowed, or divorced, than among those living in rural districts. With the exception of the age group 15 to 19 years, which, of course, comprises comparatively few married persons, the percentage of foreign-born males married, widowed, or divorced was larger in each age group of the urban population than in the corresponding group of the rural population.

These differences with reference to the urban and the rural population constitute one of the important factors in determining the differences already noted with respect to marital condition among the different geographic divisions and states.

#### PRINCIPAL CITIES.

The concluding tables on marital condition relate to the cities of the United States. In Table 35, page 164, information is given concerning the marital condition of both males and females, classified by color or race, nativity, and parentage, in cities having 250,000 inhabitants or more. Table 36, pages 165 to 167, gives similar information, without distinction of color or race, nativity, and parentage, for cities having from 25,000 to 250,000 inhabitants.

PER CENT MARRIED, WIDOWED, OR DIVORCED IN THE POPULATION, BY GEOGRAPHIC DIVISIONS: 1910.

Table 31	DIVISION AND CLASS OF POPULATION.	PER CENT MARRIED, WIDOWED, OR DIVORCED.									
		Males 15 years of age and over.					Female 15 years of age and over.				
		15 to 19 years.	20 to 24 years.	25 to 34 years.	35 to 44 years.	45 years and over.	15 to 19 years.	20 to 24 years.	25 to 34 years.	35 to 44 years.	45 years and over.
<b>United States:</b>											
	Native white—Native parentage	1.4	27.0	85.5	85.3	91.7	12.8	53.2	80.4	89.2	91.9
	Native white—Foreign or mixed parentage	0.3	16.4	55.9	77.2	86.3	5.1	36.9	69.2	82.1	88.0
	Foreign-born white	0.8	18.2	60.3	82.5	90.0	13.2	54.9	81.9	91.4	94.5
	Negro	2.3	39.6	74.8	87.4	94.0	18.1	64.8	86.3	92.6	95.5
<b>NEW ENGLAND:</b>											
	Native white—Native parentage	0.5	20.9	63.1	82.4	89.0	6.6	38.4	69.8	81.9	86.8
	Native white—Foreign or mixed parentage	0.4	14.5	49.8	72.3	83.2	3.6	28.0	57.2	72.5	81.0
	Foreign-born white	1.0	21.9	64.1	85.3	92.2	9.9	46.6	75.0	87.5	91.4
	Negro	1.3	21.7	55.1	75.9	86.6	8.9	42.9	72.1	83.3	88.7
<b>MIDDLE ATLANTIC:</b>											
	Native white—Native parentage	0.9	23.3	66.1	82.6	90.6	6.9	42.8	74.1	84.8	89.0
	Native white—Foreign or mixed parentage	0.3	15.0	51.0	75.0	85.4	4.5	33.0	64.4	78.7	86.4
	Foreign-born white	0.7	21.4	65.4	86.1	91.8	12.1	54.1	82.0	91.1	93.3
	Negro	1.0	27.0	62.0	78.0	86.4	10.2	48.9	74.5	86.6	90.8
<b>EAST NORTH CENTRAL:</b>											
	Native white—Native parentage	0.9	26.1	69.6	85.9	92.1	10.0	50.7	80.3	89.5	93.2
	Native white—Foreign or mixed parentage	0.3	18.3	59.4	80.2	88.5	4.8	38.1	71.8	84.0	89.6
	Foreign-born white	0.7	28.8	62.8	84.8	92.0	15.1	66.7	85.1	93.2	96.0
	Negro	1.4	25.9	59.9	77.0	87.2	14.7	57.2	81.9	91.7	95.5
<b>WEST NORTH CENTRAL:</b>											
	Native white—Native parentage	0.9	24.4	66.9	85.0	92.4	11.6	52.6	82.0	91.6	95.5
	Native white—Foreign or mixed parentage	0.2	13.9	56.4	78.8	88.1	5.0	38.6	73.3	86.6	92.2
	Foreign-born white	0.8	25.0	62.8	81.9	89.8	13.3	56.3	84.0	92.4	96.5
	Negro	1.3	26.7	60.3	78.5	89.8	15.5	57.9	82.8	92.3	96.0
<b>SOUTH ATLANTIC:</b>											
	Native white—Native parentage	1.8	30.0	71.7	88.0	93.1	15.3	55.7	80.7	88.7	89.8
	Native white—Foreign or mixed parentage	0.5	16.1	56.0	76.6	86.6	5.9	37.4	66.0	78.9	84.8
	Foreign-born white	1.1	19.4	60.2	83.0	89.3	18.4	62.3	85.1	90.8	92.4
	Negro	2.4	40.2	76.5	89.2	94.7	17.0	69.1	84.8	92.3	95.0
<b>EAST SOUTH CENTRAL:</b>											
	Native white—Native parentage	2.7	35.4	75.8	89.8	94.1	19.4	61.5	84.2	91.2	92.8
	Native white—Foreign or mixed parentage	0.7	18.2	56.9	77.2	87.1	6.1	34.9	64.3	78.9	84.4
	Foreign-born white	0.9	18.7	59.9	83.0	89.9	21.3	63.3	83.4	89.4	93.5
	Negro	2.5	43.6	78.6	90.5	95.6	20.0	68.4	87.6	93.9	96.3
<b>WEST SOUTH CENTRAL:</b>											
	Native white—Native parentage	1.9	32.6	74.3	89.3	94.0	20.1	66.3	85.7	93.0	96.4
	Native white—Foreign or mixed parentage	0.7	23.0	64.0	82.1	88.2	11.3	52.0	79.5	88.6	91.7
	Foreign-born white	1.2	31.8	62.8	81.9	89.9	25.3	68.6	87.2	93.7	95.7
	Negro	2.1	41.3	77.4	89.8	95.3	20.3	69.0	88.7	95.2	97.1
<b>MOUNTAIN:</b>											
	Native white—Native parentage	0.8	21.3	58.6	77.7	85.8	14.0	60.8	85.7	93.6	96.3
	Native white—Foreign or mixed parentage	1.9	13.1	55.6	75.0	80.1	9.3	31.2	82.1	91.9	94.9
	Foreign-born white	1.1	21.9	62.8	82.1	88.2	13.3	59.1	87.3	93.4	96.0
	Negro	2.7	21.7	50.9	70.0	78.3	20.1	62.6	80.8	91.8	94.0
<b>PACIFIC:</b>											
	Native white—Native parentage	0.5	17.9	53.9	74.3	85.0	10.6	52.6	80.4	90.5	94.9
	Native white—Foreign or mixed parentage	0.3	13.5	48.7	69.5	78.6	7.0	42.7	73.7	80.6	92.0
	Foreign-born white	1.0	11.2	39.2	62.7	77.7	17.6	57.1	80.6	90.8	94.7
	Negro	1.1	19.1	47.0	67.7	78.3	13.0	57.1	82.0	91.1	94.5

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910.

Table 32	DIVISION, CLASS OF POPULATION, AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.								
		Total <sup>1</sup>	Single.		Married.		Widowed.	Di- divorced.	Total <sup>1</sup>	Single.		Married.		Widowed.	Di- divorced.	
			Number.	Per cent.	Number.	Per cent.				Number.	Per cent.	Number.	Per cent.			
<b>UNITED STATES:</b>																
<b>All classes:</b>																
15 years of age and over: <sup>2</sup>																
1910																
1900																
1910																
15 to 19 years	4,527,282	4,448,967	98.3	61,877	1.1	1,110	(*)	347	4,536,321	3,985,776	87.9	513,239	11.3	10,261	0.2	3,650
20 to 24 years	4,580,290	3,452,161	74.9	1,169,093	24.0	18,815	0.4	6,782	4,176,694	3,156,683	75.6	2,225,362	53.8	371,964	9.1	20,870
25 to 34 years	7,991,116	2,797,857	35.0	4,264,799	53.4	110,431	1.4	34,571	7,251,072	2,516,726	34.5	5,445,894	75.1	224,327	3.1	57,292
35 to 44 years	6,153,396	1,626,502	26.4	4,873,133	79.2	198,708	3.2	42,888	6,286,516	2,116,411	33.7	4,140,310	66.1	97,419	1.6	29,209
45 years and over	9,149,308	840,023	9.2	7,675,598	83.7	1,377,708	12.4	71,582	8,594,325	623,757	7.3	5,070,831	61.7	486,396	5.7	54,037
<b>Native white—Native parentage:</b>																
15 years and over <sup>2</sup>	16,233,095	4,185,324	25.8	9,144,099	56.3	728,883	4.5	87,456	15,523,900	6,144,122	39.9	9,219,288	59.4	1,523,560	9.8	100,053
15 to 24 years	4,883,442	4,195,858	85.9	682,118	13.3	9,308	0.2	3,941	4,886,533	3,294,300	67.4	1,535,185	31.4	26,245	0.5	12,833
25 to 34 years	6,642,210	1,596,948	24.0	4,843,893	72.9	145,967	2.2	42,665	6,004,331	2,997,649	50.0	4,989,102	83.1	238,103	4.1	55,935
35 to 44 years	4,636,674	376,448	8.1	3,636,035	78.4	573,537	12.4	40,479	4,304,294	345,948	8.0	2,667,882	62.1	250,914	5.8	31,663
45 years and over <sup>2</sup>	5,785,137	2,966,942	51.3	2,677,796	46.3	160,779	2.8	24,688	5,867,131	2,453,017	41.7	3,008,621	51.1	382,318	6.5	30,296
15 to 24 years	2,068,982	1,854,979	90.2	142,172	7.1	1,476	0.1	760	2,069,709	1,650,258	79.7	469,072	22.8	4,772	0.2	2,947
25 to 34 years	2,965,634	854,388	28.8	2,167,665	73.1	45,629	1.8	13,698	2,644,475	1,601,207	60.5	1,833,561	70.1	107,642	4.1	19,134
35 to 44 years	1,294,884	164,132	12.6	916,985	70.1	112,331	9.3	10,175	1,168,088	139,409	11.9	730,339	64.2	269,350	23.1	8,127
45 years and over <sup>2</sup>	7,139,803	2,208,916	31.1	4,432,135	62.1	384,726	5.4	23,659	6,964,306	3,901,118	56.0	3,024,003	60.6	110,217	1.4	20,542
15 to 24 years	1,175,674	1,008,153	85.8	159,673	13.5	1,309	0.1	376	1,228,468	550,919	50.2	371,065	30.4	6,470	0.4	950
25 to 34 years	3,442,778	1,068,833	29.3	2,361,873	68.6	52,136	1.5	8,534	2,457,209	330,174	13.5	1,980,379	81.2	104,204	4.3	10,490
35 to 44 years	2,501,743	245,630	9.8	1,906,677	76.2	330,489	13.2	14,081	2,224,112	112,152	5.0	1,259,669	60.7	69,071	3.3	9,067
<b>Negro:</b>																
15 years and over <sup>2</sup>	3,059,312	1,803,472	58.4	1,749,228	57.2	189,970	6.2	20,146	3,103,344	829,966	26.6	1,775,949	57.2	439,831	14.8	33,286
15 to 24 years	940,102	780,147	78.8	139,174	15.0	7,570	0.8	1,193	1,101,609	633,911	58.1	477,890	43.7	30,703	2.8	7,081
25 to 34 years	1,394,098	256,296	19.7	967,030	74.2	64,495	4.9	11,866	1,384,080	183,287	11.5	983,516	74.4	164,122	12.3	29,966
35 to 44 years	748,036	42,946	5.7	590,382	77.6	116,700	15.6	6,253	654,191	27,226	4.2	358,227	54.4	261,302	39.9	5,519

<sup>1</sup> Total includes persons whose marital condition was not reported.<sup>2</sup> Totals include persons of unknown age.<sup>3</sup> Less than one-tenth of 1 per cent.

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910—Continued.

DIVISION, CLASS OF POPULATION, AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.										
	Total <sup>1</sup> .		Single.		Married.		Widowed.		Di- vorced.	Total <sup>1</sup> .	Single.		Married.		Widowed.		Di- vorced.		
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.			
<b>NEW ENGLAND.</b>																			
<b>All classes.</b>																			
15 years of age and over: <sup>2</sup>	1910		2,389,382	915,728	38.6	1,314,860	55.6	121,997	5.1	12,183	2,401,996	821,842	34.2	1,298,344	53.6	277,078	11.5	14,164	0.6
	1900		1,995,427	787,469	39.2	1,088,553	54.6	106,139	5.3	8,165	2,053,573	715,094	34.7	1,078,704	52.3	234,002	12.3	10,756	0.5
<b>1910</b>																			
15 to 19 years.....	290,134		252,548	86.9	1,902	0.7	21	(0)	0	283,653	275,367	96.8	17,538	6.0	127	(0)	11	3.8	
20 to 24 years.....	302,999		245,665	80.4	57,054	19.1	332	0.2	226	311,700	192,659	61.8	116,827	37.5	1,258	0.4	638	0.2	
25 to 34 years.....	556,690		219,958	39.5	326,640	59.0	5,449	1.0	1,929	553,639	173,594	31.4	365,422	66.0	10,679	1.9	3,592	0.6	
35 to 44 years.....	476,218		88,551	18.5	371,955	77.9	13,769	2.9	3,518	468,689	84,494	18.0	350,306	74.7	29,458	6.3	4,199	0.9	
45 years and over.....	736,578		74,327	10.1	555,083	75.1	101,970	13.8	6,464	771,104	94,172	12.3	435,183	56.4	235,032	30.5	5,614	0.7	
<b>Native white—Native parentage:</b>																			
15 years and over.....	939,775		725,362	77.4	512,400	57.7	60,620	6.8	8,195	973,103	308,668	31.7	516,794	53.1	137,162	14.1	9,254	0.9	
15 to 24 years.....	213,696		190,951	89.4	22,015	10.3	193	0.1	116	217,171	168,410	77.6	47,569	21.9	555	0.3	4,708	2.2	
25 to 44 years.....	354,033		304,669	86.1	245,710	69.4	6,789	1.9	3,963	359,789	88,163	24.5	251,805	70.6	12,796	3.6	4,428	1.3	
45 years and over.....	571,846		390,742	68.4	241,675	42.2	33,819	5.9	4,653	584,499	51,531	8.7	214,845	36.5	123,568	21.3	4,122	0.7	
<b>Native white—For or mixed par- tents:</b>																			
15 years and over.....	527,729		590,657	112.0	210,162	39.8	14,302	2.7	1,911	572,353	298,745	51.8	240,421	42.0	32,321	5.6	2,215	0.4	
15 to 24 years.....	149,274		194,952	130.8	12,970	8.6	346	0.1	70	217,967	188,485	85.5	29,481	13.5	5,371	0.1	173	0.1	
25 to 44 years.....	234,046		90,008	40.2	128,285	57.3	4,434	2.0	1,127	231,192	90,361	39.1	149,465	50.5	9,489	3.8	1,429	0.6	
45 years and over.....	95,154		15,989	16.7	67,872	72.3	9,702	10.2	711	102,182	19,462	19.0	60,194	58.6	22,467	21.9	610	0.6	
<b>Foreign born white:</b>																			
15 years and over.....	872,557		276,236	31.7	547,236	62.7	45,501	5.2	1,899	830,666	266,262	31.5	316,068	38.2	103,234	12.4	2,436	0.3	
15 to 24 years.....	165,036		140,232	85.0	24,149	14.6	199	0.1	41	163,644	108,546	66.2	54,408	33.2	401	0.3	1,241	0.8	
25 to 44 years.....	441,268		114,885	26.0	317,971	72.0	7,534	1.7	846	326,450	75,349	23.1	231,096	71.6	8,113	2.4	3,111	0.9	
45 years and over.....	264,364		20,063	7.7	203,063	77.6	37,670	14.2	998	297,285	22,882	8.6	15,244	5.8	86,123	32.2	846	0.3	
<b>Negro:</b>																			
15 years and over.....	5,588		10,345	185.1	12,893	51.7	1,454	5.8	177	25,274	8,121	32.1	12,610	50.0	4,325	16.8	296	1.2	
15 to 24 years.....	5,588		4,839	86.6	716	12.8	14	0.3	6	6,229	4,405	72.2	1,665	26.7	47	0.7	11	0.2	
25 to 44 years.....	13,076		4,638	35.6	7,862	60.1	425	3.2	107	12,694	2,897	23.0	8,176	64.9	1,573	10.9	147	1.1	
45 years and over.....	6,209		8,301	134.3	4,297	62.2	1,012	16.3	65	6,366	710	11.2	2,779	43.7	2,796	43.9	72	1.1	
<b>MIDDLE ATLANTIC.</b>																			
<b>All classes.</b>																			
15 years of age and over: <sup>2</sup>	1910		6,997,587	2,730,708	39.0	3,925,523	56.1	303,934	4.3	16,128	6,722,852	2,189,495	32.6	3,774,008	56.1	727,130	10.8	20,715	0.3
	1900		5,385,757	2,174,740	40.2	2,976,801	55.6	246,918	4.6	8,778	5,311,426	1,781,079	33.5	2,925,943	54.7	617,490	11.6	12,124	0.2
<b>1910</b>																			
15 to 19 years.....	880,698		879,687	98.9	5,733	0.6	103	(0)	1	913,271	844,617	92.6	63,222	6.9	527	0.1	161	0.02	
20 to 24 years.....	971,668		765,016	78.7	209,804	20.7	1,888	0.2	452	968,229	545,413	56.1	415,926	43.0	5,321	0.5	1,423	0.1	
25 to 34 years.....	1,783,214		650,760	36.5	1,107,749	62.1	17,830	1.0	3,297	1,633,600	417,214	25.5	1,169,621	71.6	39,212	2.4	6,321	0.4	
35 to 44 years.....	1,612,225		243,190	15.1	1,126,557	70.5	39,664	2.8	4,968	1,763,162	188,014	10.7	1,069,473	60.7	94,486	5.3	6,475	0.4	
45 years and over.....	1,921,620		187,291	9.7	1,480,867	77.1	243,317	12.7	7,223	1,907,201	193,317	10.1	1,118,371	58.7	586,468	30.8	6,245	0.3	
<b>Native white—Native parentage:</b>																			
15 years and over.....	2,146,680		1,688,318	78.6	1,572,510	55.8	134,736	4.8	9,362	2,886,910	972,157	33.7	1,992,567	68.2	304,544	10.6	11,846	0.4	
15 to 24 years.....	805,828		707,232	87.8	64,079	7.1	990	0.1	287	813,425	626,556	77.0	200,263	24.0	2,691	0.3	994	0.1	
25 to 44 years.....	1,155,924		301,050	26.1	625,619	54.1	22,968	2.0	4,781	1,109,096	247,903	21.2	687,670	74.2	48,929	3.9	7,089	0.6	
45 years and over.....	848,848		78,968	9.2	681,259	79.0	118,812	13.9	4,302	948,190	96,418	11.0	495,214	52.1	25,827	2.8	3,778	0.4	
<b>Native white—For or mixed par- tents:</b>																			
15 years and over.....	1,332,347		752,004	56.0	696,403	45.4	47,402	3.1	3,208	1,643,681	728,822	44.3	781,871	47.6	125,462	7.6	4,279	0.3	
15 to 24 years.....	359,977		489,128	135.8	35,445	6.6	460	0.1	82	568,190	468,163	82.4	96,503	17.0	1,216	0.2	234	0.04	
25 to 44 years.....	604,830		235,947	39.5	412,356	67.0	13,823	2.1	1,817	721,795	208,746	29.0	474,941	65.7	33,008	4.9	2,702	0.4	
45 years and over.....	329,303		46,350	14.1	248,256	75.4	33,100	10.1	1,299	352,490	51,339	14.6	210,667	59.8	89,929	25.3	1,167	0.4	
<b>Foreign born white:</b>																			
15 years and over.....	2,479,585		970,763	39.1	1,566,941	63.2	112,244	4.5	3,029	2,024,511	436,661	21.6	1,180,116	64.7	47,452	2.4	3,773	0.2	
15 to 24 years.....	479,294		498,254	104.7	71,044	14.8	478	0.1	77	432,781	262,246	60.6	167,666	38.7	1,371	0.3	214	0.05	
25 to 44 years.....	1,285,111		325,981	24.4	637,541	53.0	17,758	1.4	1,506	948,406	131,208	13.8	717,539	81.4	21,455	2.3	2,819	0.3	
45 years and over.....	710,084		57,086	8.0	556,861	78.4	93,818	13.2	1,441	641,317	42,588	6.6	37,997	5.7	226,904	34.4	1,212	0.2	
<b>Negro:</b>																			
15 years and over.....	156,872		31,587	20.2	85,523	54.5	8,773	5.5	500	165,026	50,726	30.7	87,099	53.3	25,087	15.2	782	0.5	
15 to 24 years.....	36,243		30,981	85.0	5,818	16.1	119	0.3	20	45,127	29,831	66.1	14,487	32.1	567	1.3	83	0.2	
25 to 44 years.....	86,991		28,575	32.9	55,431	64.9	3,172	3.4	303	96,878	17,821	18.0	69,221	67.1	9,947	11.5	567	0.6	
45 years and over.....	32,651		4,089	13.3	22,977	69.7	5,353	16.2	174	32,837	2,950	9.0	15,222	46.6	4,456	14.0	134	0.4	
<b>EAST NORTH CENTRAL.</b>																			
<b>All classes.</b>																			
15 years of age and over: <sup>2</sup>	1910		6,685,599	2,497,535	37.5	3,798,093	57.0	301,998	4.6	10,821	6,193,600	1,820,210	29.1	3,704,795	59.8	628,340	10.1	45,829	0.7
	1900		5,554,955	2,161,491	38.9	3,096,144	55.8	231,562	4.6	24,176	5,254,574	1,575,256	30.1	3,075,297	58.7	545,894	10.4	30,407	0.6
<b>1910</b>																			
15 to 19 years.....	885,074		874,527	98.8	6,152	0.7	110	(0)	4	915,379	796,880	91.0	73,401	8.4	729	0.1	499	0.06	
20 to 24 years.....	981,351		698,922	71.2	191,011	21.5	2,008	0.2	1,346	988,698	448,307	45.3	479,922	48.5	5,920	0.6	4,633	0.5	
25 to 34 years.....	1,578,795		543,314	34.5	996,484	63.4	17,379	1.1	8,659	1,447,901	306,684	21.2	1,095,215	75.6	30,952	2.1	13,392	0.9	
35 to 44 years.....	1,292,053		202,237	15.6	1,017,246	80.2	39,496	2.8	10,921	1,147,899	128,484	11.2	688,488	58.8	67,481	5.8	12,840	1.1	
45 years and over.....	2,029,774		170,056	8.4	1,589,239	78.2	245,508	12.2	19,679	1,945,141	119,408	6.5	1,187,936	60.9	59,507	2.9	15,333	0.8	
<b>Native white—Native parentage:</b>																			
15 years and over.....	3,212,330		1,204,359	37.5	1,817,346	56.6	146,687	4.6	23,995	3,183									

## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910—Continued.

Table 32—Continued.	MALES 15 YEARS OF AGE AND OVER.										FEMALES 15 YEARS OF AGE AND OVER.									
	Total. <sup>1</sup>	Single.		Married.		Widowed.		Divorced.		Total. <sup>1</sup>	Single.		Married.		Widowed.		Divorced.			
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.				
<b>WEST NORTH CENTRAL.</b>																				
<b>All classes:</b>																				
15 years of age and over: <sup>2</sup>	4,214,656	1,796,556	40.5	2,279,407	54.1	179,162	4.2	22,938	3,711,941	1,100,837	29.7	2,241,834	60.4	332,341	9.0	24,707	0.7			
1910	3,556,391	1,488,138	41.8	1,803,845	51.3	150,608	4.3	12,947	3,130,989	949,498	30.3	1,879,354	60.0	281,159	9.0	15,903	0.5			
1910																				
15 to 19 years	599,254	589,591	98.4	4,088	0.7	90	(*)	37	585,329	525,550	89.8	53,886	9.2	587	0.1	373	0.1			
20 to 24 years	603,739	480,054	79.5	117,380	19.4	1,574	0.2	770	558,418	286,879	51.3	264,110	47.2	3,753	0.7	265	0.0			
25 to 34 years	994,988	385,527	38.6	592,088	59.5	11,106	1.1	4,671	889,969	178,149	20.2	675,578	76.7	18,764	2.1	1,179	0.1			
35 to 44 years	798,184	138,841	18.1	599,587	75.1	22,010	2.9	6,133	658,907	61,598	9.3	553,582	84.3	36,764	5.6	6,223	1.0			
45 years and over	1,230,565	109,823	8.9	967,428	78.3	143,979	11.7	11,240	1,020,291	46,837	4.6	692,497	67.9	271,581	26.6	8,423	0.8			
<b>Native white—Native parentage:</b>																				
15 years and over	2,125,354	844,333	39.7	1,164,101	54.8	88,198	4.1	13,460	1,950,292	560,402	28.5	1,183,483	60.7	164,973	8.5	4,535	0.2			
15 to 19 years	667,865	641,877	97.1	79,682	11.9	990	0.1	547	654,451	47,625	6.8	198,534	30.3	2,735	0.4	1,937	0.3			
20 to 24 years	854,655	215,561	25.2	612,922	71.7	17,468	2.0	6,587	783,425	109,128	13.9	637,819	81.4	27,300	3.5	8,146	1.0			
25 to 34 years	980,374	43,979	4.5	469,734	47.9	49,406	5.0	6,266	507,620	22,454	4.4	345,518	68.1	134,422	26.5	4,678	0.9			
35 to 44 years	1,064,798	160,470	15.1	881,792	82.5	22,912	2.2	4,128	1,024,390	420,277	41.0	547,314	53.4	47,833	4.7	5,114	0.5			
45 years and over	985,312	385,377	39.1	284,253	28.6	21,018	2.1	138	385,274	390,411	75.3	81,817	20.7	712	0.2	698	0.2			
15 years and over	477,217	102,410	21.4	364,268	63.8	7,150	1.5	2,228	461,897	97,161	21.0	346,095	74.0	19,419	3.1	3,192	0.7			
15 to 19 years	190,962	22,598	11.8	157,897	81.9	15,494	8.1	1,755	166,332	12,889	7.7	119,690	71.6	32,827	19.7	1,419	0.9			
<b>Foreign-born white:</b>																				
15 years and over	912,638	267,574	29.3	350,877	63.1	59,084	6.5	3,935	637,626	167,027	11.9	454,262	71.2	103,651	16.2	3,171	0.5			
15 to 19 years	111,052	98,067	88.3	11,485	10.3	98	0.1	38	96,459	37,622	37.0	27,878	41.0	256	0.4	116	0.2			
20 to 24 years	378,905	128,192	33.8	241,912	63.9	5,336	1.4	1,150	293,115	27,534	9.4	212,426	72.3	3,611	1.2	1,222	0.4			
25 to 34 years	419,430	80,405	9.6	321,577	76.7	53,916	12.9	2,734	330,467	10,670	3.3	213,634	66.6	94,001	29.3	1,827	0.6			
<b>Negro:</b>																				
15 years and over	96,646	37,701	39.0	49,704	51.4	7,287	7.5	1,300	67,714	21,224	24.6	49,567	56.2	14,920	17.2	1,441	2.0			
15 to 19 years	24,327	20,467	84.1	3,455	14.2	146	0.6	77	24,850	15,245	61.3	8,629	34.7	613	2.5	299	1.2			
20 to 24 years	46,312	14,556	31.4	28,423	61.4	4,240	5.3	761	39,116	5,203	13.0	28,792	71.5	5,100	12.8	959	2.9			
25 to 44 years and over	25,179	2,699	9.9	17,537	69.6	4,200	18.4	455	21,571	800	3.7	11,256	52.7	9,017	42.2	547	2.6			
<b>SOUTH ATLANTIC.</b>																				
<b>All classes:</b>																				
15 years of age and over: <sup>2</sup>	3,821,777	1,408,947	36.9	2,211,053	57.7	174,957	4.6	10,579	3,794,981	1,122,814	29.6	2,216,806	58.4	429,174	11.3	16,021	0.4			
1910	3,165,702	1,256,020	39.7	1,749,894	55.3	109,982	4.4	5,913	3,202,666	1,041,220	32.5	1,935,958	60.4	338,958	12.1	11,078	0.3			
1910																				
15 to 19 years	635,530	618,698	97.4	12,188	1.9	201	(*)	50	634,262	548,339	83.8	99,382	15.2	2,350	0.4	524	0.1			
20 to 24 years	479,698	368,890	76.8	184,923	31.9	3,794	0.7	737	614,057	254,632	41.5	342,257	55.7	12,905	2.1	2,390	0.4			
25 to 34 years	900,210	249,107	27.6	629,088	70.9	17,458	1.9	2,248	856,847	106,847	12.4	699,997	76.4	42,541	4.8	5,530	0.6			
35 to 44 years	576,420	82,851	12.3	563,066	92.3	26,135	4.5	2,852	449,375	67,890	15.0	511,496	78.8	65,385	10.1	4,053	0.7			
45 years and over	1,017,771	68,622	6.7	816,619	80.2	126,589	12.4	4,051	952,427	320,173	8.7	566,111	58.8	304,184	31.9	6,532	0.6			
<b>Native white—Native parentage:</b>																				
15 years and over	2,285,628	857,030	37.4	1,333,187	58.1	91,768	4.0	5,360	2,271,647	691,194	30.4	1,349,377	59.4	218,161	9.6	7,621	0.3			
15 to 19 years	728,272	718,271	98.6	28,253	3.8	210	0.1	138	727,724	654,451	89.9	72,273	9.9	514	0.7	608	0.1			
20 to 24 years	837,998	198,615	21.2	718,217	78.2	19,625	2.1	2,815	926,460	147,474	15.9	732,134	79.0	41,179	4.5	2,656	0.3			
25 to 34 years	624,226	129,416	20.6	505,634	81.5	7,359	1.3	1,152	600,189	60,300	10.1	364,948	60.0	117,458	28.6	2,265	0.4			
35 to 44 years	145,427	63,513	43.7	73,511	51.7	5,804	4.0	539	151,502	57,276	37.8	77,892	51.4	15,245	10.1	716	0.5			
45 years and over	39,818	36,452	91.5	3,068	7.7	47	0.1	18	40,929	32,013	78.8	8,916	21.9	172	0.4	66	0.2			
15 years and over	633,894	241,485	38.1	429,027	67.7	1,201	0.2	267	608,668	18,730	2.7	45,183	6.6	3,601	3.9	446	0.6			
15 to 19 years	145,427	63,513	43.7	73,511	51.7	5,804	4.0	539	151,502	57,276	37.8	77,892	51.4	15,245	10.1	716	0.5			
20 to 24 years	39,818	36,452	91.5	3,068	7.7	47	0.1	18	40,929	32,013	78.8	8,916	21.9	172	0.4	66	0.2			
25 to 34 years	145,427	63,513	43.7	73,511	51.7	5,804	4.0	539	151,502	57,276	37.8	77,892	51.4	15,245	10.1	716	0.5			
35 to 44 years	41,638	5,010	12.1	31,375	74.5	4,456	10.7	232	42,606	6,308	15.1	24,472	57.2	11,448	26.9	294	0.7			
<b>Foreign-born white:</b>																				
15 years and over	163,426	54,059	33.1	98,714	60.4	9,418	5.8	391	108,652	18,408	16.9	70,996	65.3	11,882	17.3	316	0.3			
15 to 19 years	29,352	25,227	85.9	3,926	13.4	41	0.1	14	17,547	9,304	53.0	8,029	46.0	80	0.5	21	0.1			
20 to 24 years	78,240	22,881	29.3	62,908	67.7	1,218	1.6	153	64,962	5,773	12.0	39,095	52.8	4,253	4.7	181	0.2			
25 to 34 years	55,149	5,096	9.2	49,892	74.1	1,413	2.5	224	54,668	3,163	5.8	23,151	43.0	16,348	38.3	114	0.2			
<b>Negro:</b>																				
15 years and over	1,213,020	431,943	35.6	701,857	57.9	67,381	5.6	4,277	1,260,627	355,312	28.2	716,685	56.9	176,715	14.0	7,363	0.6			
15 to 19 years	412,476	328,647	79.8	82,185	19.7	2,425	0.6	377	407,467	278,881	67.9	173,971	37.2	10,476	2.2	1,541	0.4			
20 to 24 years	494,773	87,399	17.7	381,358	77.1	21,427	4.3	2,440	522,129	62,624	12.0	393,759	75.4	60,331	11.6	4,637	0.9			
25 to 44 years and over	295,418	14,949	5.1	234,898	79.5	45,533	14.7	1,438	266,626	12,708	4.8	147,182	55.3	704,386	29.1	1,267	0.5			
<b>EAST SOUTH CENTRAL.</b>																				
<b>All classes:</b>																				
15 years of age and over: <sup>2</sup>	2,822,924	915,547	32.4	1,552,737	55.2	133,423	4.7	12,796	2,586,311	694,210	26.8	1,559,710	60.3	305,378	11.3	21,015	0.8			
1910	2,288,793	882,951	38.6	1,282,022	56.0	110,485	4.8	6,611	2,263,258	768,998	34.0	1,493,463	66.7	235,463	12.7	10,925	0.5			
1910																				
15 to 19 years	449,105	435,288	96.9	11,214	2.5	254	0.1	87	415,947	365,898	80.3	84,181	19.5	2,674	0.6	892	0.2			
20 to 24 years	391,892	243,531	62.1	141,218	36.0	4,275	1.1	1,342	422,195	154,288	36.5	250,942	59.4	12,420	2.9	3,681	0.9			
25 to 34 years	612,192	146,718	23.9	443,832	72.7	16,099	2.6	3,811	629,084	98,741	15.2	494,991	77.9	35,073	5.4	7,934	1.3			
35 to 44 years	452,569	67,329	14.9	389,427	86.1	18,144	4.0	2,018	419,609	3										

# MARITAL CONDITION.

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MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910—Continued.

Table 32—Continued.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.						Divorced.			
	Total <sup>1</sup> .		Married.		Widowed.		Total <sup>1</sup> .		Single.		Widowed.					
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.				
<b>WEST SOUTH CENTRAL.</b>																
<b>All classes:</b>																
15 years of age and over: <sup>2</sup>																
1910.....	2,818,468	1,030,122	36.5	1,620,389	57.5	139,116	4.9	13,759	2,569,043	847,723	25.3	1,814,155	63.1	271,269	10.6	18,639
1900.....	2,004,276	786,284	39.2	1,103,620	55.1	98,847	4.9	6,931	1,829,501	493,720	27.0	1,100,267	60.1	220,540	12.1	11,746
15 to 19 years.....	471,669	459,093	97.3	8,576	1.8	225	(9)	63	473,118	378,736	79.7	89,265	18.9	2,901	0.6	7,961
20 to 24 years.....	430,918	283,027	65.7	140,003	32.5	4,050	0.9	1,201	434,844	146,285	33.6	272,043	62.6	11,840	2.7	3,439
25 to 34 years.....	693,116	180,864	26.1	478,828	70.5	17,271	2.5	4,076	630,256	177,228	11.9	359,221	57.0	35,553	5.6	6,565
35 to 44 years.....	563,106	58,022	11.3	417,320	82.9	23,494	4.7	3,338	436,881	235,808	54.2	356,330	81.6	42,910	9.8	4,403
45 years and over.....	707,783	46,904	6.5	561,971	79.4	93,393	13.2	5,121	555,652	20,282	3.7	351,174	63.2	179,317	32.3	3,724
<b>Native white—Native parentage:</b>																
15 years and over: <sup>2</sup> .....	1,803,041	671,226	37.2	1,098,438	57.6	76,639	4.3	6,837	1,618,827	413,668	25.6	1,051,721	65.0	141,586	8.7	7,659
1910.....	1,598,452	496,889	31.0	951,151	59.5	1,949	0.3	646	1,591,033	341,247	21.4	1,159,893	72.3	5,872	0.4	1,170
1900.....	781,993	146,892	19.3	388,567	49.7	21,326	2.8	3,492	811,334	59,655	7.3	230,519	28.5	33,438	4.0	4,111
15 to 19 years.....	471,669	459,093	97.3	8,576	1.8	225	(9)	63	473,118	378,736	79.7	89,265	18.9	2,901	0.6	7,961
20 to 24 years.....	430,918	283,027	65.7	140,003	32.5	4,050	0.9	1,201	434,844	146,285	33.6	272,043	62.6	11,840	2.7	3,439
25 to 34 years.....	693,116	180,864	26.1	478,828	70.5	17,271	2.5	4,076	630,256	177,228	11.9	359,221	57.0	35,553	5.6	6,565
35 to 44 years.....	563,106	58,022	11.3	417,320	82.9	23,494	4.7	3,338	436,881	235,808	54.2	356,330	81.6	42,910	9.8	4,403
45 years and over.....	707,783	46,904	6.5	561,971	79.4	93,393	13.2	5,121	555,652	20,282	3.7	351,174	63.2	179,317	32.3	3,724
<b>Foreign-born white:</b>																
15 years and over: <sup>2</sup> .....	194,643	85,377	43.9	100,728	51.7	6,920	3.6	847	182,903	61,053	33.4	104,920	57.2	14,939	8.2	1,011
1910.....	183,718	54,162	29.5	1,163	0.6	1,123	0.2	37	64,215	44,481	69.3	15,839	24.3	427	0.7	174
1900.....	80,775	29,997	37.1	59,999	74.3	2,087	2.4	401	82,500	13,688	16.4	68,410	82.0	4,696	5.7	616
15 to 19 years.....	43,833	5,097	11.6	33,623	76.7	4,099	10.7	346	35,909	2,951	8.2	22,453	62.5	10,253	28.6	216
<b>Foreign-born white:</b>																
15 years and over: <sup>2</sup> .....	185,592	33,711	28.9	116,799	62.9	13,279	7.2	845	129,833	18,328	14.1	87,637	67.5	22,882	17.6	659
1910.....	28,249	23,288	82.3	4,549	16.1	111	0.4	20	22,157	10,929	49.3	10,774	48.5	2,06	1.2	73
1900.....	78,405	37,304	47.7	54,094	68.9	2,048	2.6	286	55,027	5,190	9.4	45,878	83.4	3,571	6.5	316
15 to 19 years.....	78,124	8,443	10.8	57,898	74.1	11,046	14.1	538	52,144	2,117	4.1	30,728	58.9	19,222	36.3	2,937
<b>Negro:</b>																
15 years and over: <sup>2</sup> .....	613,200	211,066	34.5	352,027	57.4	40,899	6.7	5,098	607,240	214,817	35.4	356,996	58.8	88,054	14.6	9,166
1910.....	204,374	159,719	78.2	40,500	19.8	2,044	1.0	544	224,838	123,234	55.2	89,305	39.7	7,994	3.6	2,170
1900.....	290,168	44,712	15.4	196,719	67.8	14,913	5.5	3,012	259,799	22,948	8.9	196,331	76.3	33,928	12.9	5,465
45 years and over.....	145,945	6,481	4.5	115,808	78.0	23,648	16.5	1,516	119,582	5,084	4.2	67,901	56.8	46,773	39.1	1,450
<b>MOUNTAIN.</b>																
<b>All classes:</b>																
15 years of age and over: <sup>2</sup>																
1910.....	1,062,845	478,910	45.1	525,887	49.5	40,684	3.8	8,189	751,794	189,562	25.2	484,847	64.5	67,481	8.0	7,327
1900.....	655,270	310,068	47.3	307,900	47.0	27,166	4.1	3,842	457,485	115,137	25.2	292,622	64.0	44,609	9.8	3,861
15 to 19 years.....	121,587	110,613	98.4	1,030	0.8	25	(7)	21	113,635	97,397	85.7	15,039	13.2	194	0.2	1,651
20 to 24 years.....	135,518	52,838	38.7	28,487	18.3	375	0.2	265	114,783	46,384	40.4	66,016	57.5	1,118	1.0	847
25 to 34 years.....	229,738	125,705	54.7	132,960	58.2	3,129	1.1	1,686	200,497	29,848	14.7	163,065	81.3	3,818	2.7	2,383
35 to 44 years.....	213,966	25,273	12.0	171,473	79.8	6,096	3.1	2,266	145,790	9,464	6.5	123,907	85.0	10,389	7.1	1,887
45 years and over.....	271,611	45,551	16.8	190,973	70.3	30,247	11.1	3,950	174,934	6,469	3.7	115,907	66.3	50,212	28.7	2,678
<b>Native white—Native parentage:</b>																
15 years and over: <sup>2</sup> .....	528,193	231,560	43.9	265,796	50.3	21,042	4.0	4,510	403,138	107,398	26.6	257,573	63.9	39,665	8.1	4,075
1910.....	151,490	132,891	87.7	17,220	11.4	233	0.2	160	134,785	84,243	62.5	45,560	33.6	702	0.5	576
1900.....	240,906	79,690	33.1	152,823	63.4	5,118	2.1	2,199	176,661	19,693	11.1	149,858	83.4	7,413	4.1	4,109
15 to 19 years.....	131,509	18,273	13.9	95,062	72.3	15,659	11.9	2,143	87,251	3,126	3.6	58,374	67.1	24,386	27.9	1,082
20 to 24 years.....	212,435	107,427	50.6	96,387	45.6	5,637	2.7	1,605	179,157	59,454	33.2	107,443	60.0	10,131	5.7	1,923
25 to 34 years.....	327,527	62,716	19.2	267,810	81.2	10,721	3.8	4,071	265,156	46,156	17.0	183,881	68.2	9,941	3.8	2,465
35 to 44 years.....	101,662	30,902	30.5	62,184	61.1	1,871	1.8	868	86,140	11,882	13.8	69,380	80.3	3,772	4.4	1,012
45 years and over.....	41,128	8,102	19.7	28,534	69.4	8,713	9.0	677	26,837	1,352	5.0	19,100	71.1	6,022	22.3	330
<b>Foreign-born white:</b>																
15 years and over: <sup>2</sup> .....	273,805	118,841	43.4	139,284	50.9	11,933	4.2	1,600	139,211	17,348	12.5	100,126	71.9	20,386	14.6	1,076
1910.....	45,117	40,210	89.1	4,578	10.1	52	0.1	29	19,264	8,219	42.6	9,745	50.6	154	0.8	368
1900.....	160,880	61,274	38.1	76,122	47.4	2,147	1.5	571	67,159	6,294	9.4	56,934	84.7	3,378	5.9	430
15 to 19 years.....	213,805	118,841	55.6	95,349	44.6	11,933	5.6	1,600	139,211	17,348	12.5	100,126	71.9	20,386	14.6	1,076
20 to 24 years.....	45,117	40,210	89.1	4,578	10.1	52	0.1	29	19,264	8,219	42.6	9,745	50.6	154	0.8	368
25 to 34 years.....	160,880	61,274	38.1	76,122	47.4	2,147	1.5	571	67,159	6,294	9.4	56,934	84.7	3,378	5.9	430
35 to 44 years.....	53,855	16,888	19.7	58,349	68.0	9,344	10.9	991	32,492	1,777	5.4	33,338	63.5	16,892	30.2	906
<b>Negro:</b>																
15 years and over: <sup>2</sup> .....	9,819	4,368	44.9	4,673	47.0	574	5.8	179	7,650	1,178	22.5	4,333	56.6	1,341	17.5	224
1910.....	1,849	1,371	85.0	233	13.0	7	0.4	8	1,869	1,021	54.6	732	40.2	50	2.7	89
1900.....	5,549	2,214	39.9	2,670	53.3	215	3.9	112	4,169	593	14.2	2,811	67.4	602	14.6	146
45 years and over.....	2,352	407	21.3	1,419	60.8	349	15.0	57	1,566	92	5.9	731	45.0	662	43.6	39
<b>PACIFIC.</b>																
<b>All classes:</b>																
15 years of age and over: <sup>2</sup>																
1910.....	1,849,588	866,579	46.8	864,061	46.7	77,290	4.2	18,802	1,324,777	363,487	27.4	892,002	60.5	140,046	10.6	16,617
1900.....	1,016,733	498,139	49.0	454,177	44.7	46,269	4.6	6,927	726,094	215,790	29.7	422,178	58.1	79,930	11.0	6,882
15 to 19 years.....	185,821	183,882	99.0	1,004	0.5	21	(7)	14	170,609	152,951	89.7	16,613	9.7	172	0.1	1,633
20 to 24 years.....	243,857	205,628	84.3	35,463	14.5	451	0.2	393	187,390	89,973	48.2	89,419	48.0	1,367	0.7	1,454
25 to 34 years.....	485,148	238,149	49.1	224,548	45.3	4,786	1.0	3,624	338,917	71,834	21.2	232,048	74.6	8,833	2.6	4,987
35 to 44 years.....	376,993	111,989	29.7	245,312	65.3	11,083	2.9	3,507	235,938	27,016	10.5	211,639	89.3	18,840	7.2	5,128
45 years and over.....	534,498	104,611	19.5	356,958	66.8	60,799	11.4	9,220	368,990	20,287	5.5	229,970	62.0	11,943	30.2	4,950
<b>Native white—Native parentage:</b>																
15 years and over: <sup>2</sup> .....	828,535	363,117	43.8	407,321	49.2	36,735	4.4	9,244	668,799	184,227	27.6	404,160	60.4	68,678	10.3	9,800
1910.....	213,308	191,964	89.5	20,645	9.7	230	0.1	232	192,359	130,679	67.9	59,298	30.8	872	0.5	998
1900.....	372,498	137,290	36													

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, BY STATES: 1910.

Table 33

DIVISION, STATE, AND CLASS OF POPULATION.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
	Single.		Married.		Widowed.		Divorced.	Total.	Single.		Married.		Widowed.		Divorced.	Total.
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		
<b>NEW ENGLAND.</b>																
<b>Maine</b> .....	274,942	95.241	34.8	154,941	57.4	17,531	6.4	2,436	264,303	72,843	27.4	156,538	59.2	32,444	12.3	2,948
Native white—Native parentage.....	184,300	59.313	32.2	101,419	48.9	13,003	7.1	1,836	181,652	46,961	25.9	107,319	59.3	24,475	13.5	2,040
Native white—Foreign or mixed par.....	36,149	18,674	51.7	18,866	43.9	1,302	3.6	226	34,862	15,108	43.3	17,062	48.9	2,442	7.0	202
Foreign-born white.....	55,345	16,857	31.5	33,174	62.0	6,428	11.5	1,049	47,659	10,708	22.4	31,733	68.3	5,416	11.4	228
Negro.....	154	250	45.1	249	44.9	46	8.3	9	495	192	38.8	217	43.8	74	14.9	11
<b>New Hampshire</b> .....	159,970	57,073	36.7	81,084	58.9	8,820	6.1	1,596	157,877	46,906	29.7	89,387	56.6	19,836	12.6	1,507
Native white—Native parentage.....	87,153	26,584	30.5	52,419	60.1	6,668	7.7	1,238	88,686	23,179	26.1	50,467	56.9	13,732	15.5	1,186
Native white—Foreign or mixed par.....	25,223	14,017	55.3	10,240	40.6	720	2.9	182	20,582	12,948	62.7	12,621	62.5	1,882	9.2	166
Foreign-born white.....	47,286	16,348	34.6	29,246	59.7	2,415	5.1	354	24,669	10,208	41.4	15,713	68.3	2,808	14.4	84
Negro.....	229	59	41.5	111	48.5	18	7.9	4	211	84	39.5	97	46.0	26	12.3	1
<b>Vermont</b> .....	132,783	45,567	34.3	77,671	58.5	8,261	6.2	1,841	124,864	32,943	26.4	74,681	60.4	15,125	12.2	980
Native white—Native parentage.....	81,917	27,265	33.3	48,153	58.8	5,530	6.8	1,141	79,789	21,144	26.5	47,088	59.6	10,520	13.0	748
Native white—Foreign or mixed par.....	29,832	9,914	41.6	17,522	58.5	997	4.2	154	24,669	9,826	40.1	14,155	57.5	1,955	7.9	150
Foreign-born white.....	25,971	7,854	29.2	15,510	63.6	1,717	6.6	121	19,888	4,088	20.6	13,776	68.3	2,088	14.4	84
Negro.....	1,054	75	7.2	248	23.5	27	2.6	14	320	84	26.3	199	62.2	29	9.1	8
<b>Massachusetts</b> .....	1,197,628	479,048	40.0	655,740	54.7	56,800	4.7	4,331	1,259,896	465,940	36.7	644,831	51.2	143,819	11.4	5,968
Native white—Native parentage.....	388,440	140,370	36.1	221,564	57.0	23,076	5.9	2,500	388,011	148,497	38.3	206,401	49.3	40,610	10.4	3,487
Native white—Foreign or mixed par.....	208,031	174,172	86.4	149,809	87.2	7,545	4.2	569	197,000	178,509	89.2	151,088	86.8	19,301	9.6	1,077
Foreign-born white.....	494,256	157,136	31.8	310,195	62.8	25,379	5.1	859	497,096	133,251	26.8	299,648	60.3	62,622	12.6	1,299
Negro.....	14,237	5,941	41.7	7,391	51.9	753	5.3	87	14,576	7,328	50.6	7,232	49.6	2,447	16.8	109
<b>Rhode Island</b> .....	195,731	78,502	40.1	105,671	54.0	9,832	5.0	1,087	197,320	70,739	35.8	102,938	52.2	21,521	10.9	1,577
Native white—Native parentage.....	57,043	21,915	38.1	31,218	54.3	3,541	6.2	630	56,128	20,629	36.9	29,091	51.9	7,929	13.6	849
Native white—Foreign or mixed par.....	90,083	29,371	32.6	18,949	37.8	1,383	2.3	233	84,197	29,777	35.3	21,988	40.3	2,327	5.2	339
Foreign-born white.....	84,260	25,641	30.4	53,499	63.5	4,687	5.6	226	81,202	29,576	36.3	50,002	61.6	10,975	13.2	369
Negro.....	3,510	1,404	40.0	1,850	53.0	208	5.9	32	3,689	1,108	30.0	1,841	49.9	673	18.4	33
<b>Connecticut</b> .....	408,098	160,274	39.3	228,775	56.3	19,733	4.8	1,880	397,586	133,638	33.6	217,302	54.4	44,441	11.2	919
Native white—Native parentage.....	140,456	50,885	36.2	79,608	56.7	8,733	6.2	870	146,409	48,878	33.4	75,848	51.8	20,469	14.0	1,675
Native white—Foreign or mixed par.....	265,588	109,373	41.6	149,167	55.2	10,999	4.1	1,010	250,977	98,077	41.8	136,385	48.8	24,100	9.5	402
Foreign-born white.....	167,269	52,669	31.5	103,732	62.3	8,220	4.9	235	142,182	39,049	27.4	114,844	66.2	17,544	12.3	275
Negro.....	5,371	1,890	35.2	3,034	56.5	402	7.5	31	5,963	1,870	31.3	3,065	51.1	986	16.6	33
<b>MIDDLE ATLANTIC.</b>																
<b>New York</b> .....	3,333,279	1,327,337	39.8	1,840,960	55.2	145,844	4.4	4,746	3,291,714	1,097,671	33.7	1,793,588	54.5	373,190	11.3	10,227
Native white—Native parentage.....	1,098,881	428,734	40.0	592,718	54.0	54,712	5.0	3,784	1,123,705	387,512	34.5	597,988	53.3	129,138	11.5	4,609
Native white—Foreign or mixed par.....	840,114	433,787	51.6	147,970	44.9	25,721	3.1	1,692	900,613	430,960	48.9	426,518	48.8	70,330	7.7	2,847
Foreign-born white.....	1,336,463	428,935	32.1	596,227	44.3	62,662	4.7	1,144	1,200,766	344,346	28.7	579,251	48.3	164,107	13.7	6,299
Negro.....	51,428	21,151	41.1	27,435	53.3	2,333	4.9	164	56,485	18,268	32.3	28,977	50.6	9,206	16.3	299
<b>New Jersey</b> .....	914,768	346,544	37.9	524,146	57.3	38,812	4.4	1,852	884,483	279,432	31.6	506,965	57.3	94,289	10.7	1,884
Native white—Native parentage.....	339,120	127,941	37.7	192,963	56.9	16,361	4.8	824	348,032	115,679	33.2	192,633	55.3	37,925	10.9	1,344
Native white—Foreign or mixed par.....	295,588	106,371	36.1	159,869	54.4	17,723	5.8	1,028	289,200	98,077	33.9	136,385	48.8	24,100	8.3	402
Foreign-born white.....	335,718	98,806	29.5	219,719	65.4	15,822	4.7	843	331,245	54,789	16.5	188,853	17.1	36,707	11.1	1,600
Negro.....	32,831	12,228	37.2	15,649	46.6	1,775	5.4	88	34,868	10,302	29.5	19,236	55.2	5,112	14.7	109
<b>Pennsylvania</b> .....	2,749,580	1,056,327	38.4	1,569,397	56.8	117,728	4.3	7,138	2,546,633	800,392	31.4	1,476,657	57.9	229,641	9.0	8,064
Native white—Native parentage.....	1,380,473	521,643	37.8	796,799	57.9	63,663	4.6	4,714	1,417,123	468,966	33.1	801,976	56.6	137,781	9.7	5,836
Native white—Foreign or mixed par.....	866,375	340,993	40.7	529,534	46.4	18,962	2.3	1,299	833,818	221,324	26.5	291,263	35.8	40,531	4.9	1,531
Foreign-born white.....	807,374	262,913	32.6	506,983	62.3	33,737	4.2	911	841,500	87,476	10.2	382,012	70.5	70,528	13.0	830
Negro.....	72,613	28,158	38.8	39,349	53.4	4,365	6.0	248	73,673	22,166	30.1	40,166	53.0	10,769	14.6	386
<b>EAST NORTH CENTRAL.</b>																
<b>Ohio</b> .....	1,785,683	634,137	36.1	1,022,124	58.2	67,738	4.8	10,994	1,667,482	471,784	28.3	991,870	59.5	178,798	10.7	12,265
Native white—Native parentage.....	1,026,164	378,846	37.0	588,845	57.4	47,683	4.6	6,121	1,016,202	307,598	30.3	600,780	59.1	97,384	9.6	2,784
Native white—Foreign or mixed par.....	354,069	148,581	42.1	190,378	54.7	12,467	3.5	1,971	376,287	132,806	35.3	208,938	55.3	31,623	8.3	2,847
Foreign-born white.....	429,850	141,862	33.1	247,297	57.6	20,512	8.4	1,144	428,883	130,763	30.5	238,118	54.8	46,448	11.4	1,068
Negro.....	44,884	17,774	39.6	23,210	51.7	3,162	7.0	558	40,052	10,206	25.5	22,641	56.3	6,138	15.3	564
<b>Indiana</b> .....	879,564	333,109	34.0	568,369	59.8	49,684	5.1	7,685	925,273	242,128	26.2	576,524	62.3	66,210	10.4	4,478
Native white—Native parentage.....	726,448	249,382	34.3	433,233	59.6	35,339	4.9	8,044	707,629	187,718	26.5	445,992	62.2	97,141	9.6	6,675
Native white—Foreign or mixed par.....	134,588	48,662	36.1	79,670	59.0	6,422	4.6	942	136,664	43,044	31.5	80,988	58.8	11,662	8.5	1,018
Foreign-born white.....	95,911	25,762	27.4	60,006	63.9	4,859	4.7	459	90,077	6,610	7.3	59,498	66.3	13,046	14.2	803
Negro.....	23,648	9,045	37.9	12,327	51.7	1,909	8.3	418	21,815	5,238	24.0	12,204	55.9	3,851	17.7	487
<b>Illinois</b> .....	2,071,223	813,770	38.1	1,438,798	55.2	86,677	4.2	11,080	1,991,566	577,197	29.0	1,413,982	58.8	191,345	10.1	13,712
Native white—Native parentage.....	850,185	331,991	39.0	464,248	54.6	36,589	4.3	5,748	810,929	231,523	28.4	579,877	58.2	67,633	9.6	6,723
Native white—Foreign or mixed par.....	580,711	171,389	30.9	105,851	37.8	6,429	1.9	2,532	545,464	239,696	43.9	189,087	54.8	18,259	3.5	3,279
Foreign-born white.....	642,776	193,323	30.1	410,933	63.9	33,998	5.3	2,277	499,129	82,172	16.5	337,867	67.7	75,766	16.0	2,479
Negro.....	45,199	17,441	38.6	23,361	51.7	3,232	7.2	633	39,961	8,800	22.2	20,361	57.7	7,172	17.9	609
<b>Michigan</b> .....	1,633,089	373,079	26.1	602,102	38.5	47,409	4.6									

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, BY STATES: 1910—Continued.

Table 33—Continued.

DIVISION, STATE, AND CLASS OF POPULATION.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.									
	Single.		Married.		Widowed.		Di- voiced.	Single.		Married.		Widowed.		Di- voiced.		
	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.		Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			
<b>WEST NORTH CENTRAL—Contd.</b>																
<b>Low.</b>	800,459	308,473	38.4	47,122	55.9	35,574	4.4	4,891	37,250	143,845	29.8	442,599	60.0	67,423	9.1	5,283
Native white—Native parentage.....	215,603	102,344	39.0	21,328	55.5	17,588	4.2	3,010	398,222	152,227	30.0	435,960	59.2	34,790	7.0	3,396
Native white—Foreign or mixed par.....	426,835	105,833	47.3	11,941	49.6	5,176	2.3	9,020	121,535	84,468	38.1	124,705	55.6	10,547	4.8	1,107
Foreign-born white.....	15,417	57,139	373.8	12,187	78.9	12,367	81.0	1,151	11,017	9,417	8.5	10,823	9.7	1,647	15.2	693
Negro.....	6,222	2,350	37.8	3,221	51.8	465	7.4	143	4,943	1,112	22.5	3,008	60.9	677	13.7	128
<b>Missouri.</b>	1,171,394	435,219	37.2	685,538	66.9	56,518	4.8	7,020	1,069,015	308,184	28.0	660,819	61.0	118,472	10.8	8,558
Native white—Native parentage.....	784,027	294,518	37.6	444,574	56.7	35,134	4.5	4,544	744,906	211,571	28.4	456,411	61.3	69,012	9.3	5,519
Native white—Foreign or mixed par.....	197,345	52,482	41.7	107,560	54.3	6,359	3.2	1,116	204,154	70,326	34.4	115,094	56.3	15,847	7.5	1,011
Foreign-born white.....	137,994	33,835	29.6	81,537	64.2	10,229	8.0	614	92,253	12,008	13.0	67,599	63.2	23,039	23.9	5,092
Negro.....	61,645	23,967	38.9	31,710	51.4	4,811	7.8	742	57,550	14,240	24.7	31,613	54.9	10,533	18.3	926
<b>North Dakota.</b>	210,192	38,659	43.6	107,856	48.6	8,061	2.9	688	153,145	46,828	30.2	98,370	63.9	8,133	6.2	557
Native white—Native parentage.....	197,345	35,373	47.3	24,894	47.0	1,217	2.9	205	38,253	11,710	30.4	21,120	63.1	1,840	4.5	189
Native white—Foreign or mixed par.....	86,403	41,731	61.0	24,444	36.0	9,217	1.3	108	56,972	20,018	45.7	29,107	51.1	1,072	1.9	192
Foreign-born white.....	86,403	30,643	35.2	51,207	39.3	3,547	4.1	247	57,882	8,619	14.9	43,812	75.7	5,014	8.7	108
Negro.....	201	190	97.4	207	99.2	15	7.5	185	96	30.3	109	97.9	16	8.6		
<b>South Dakota.</b>	215,201	96,007	44.4	108,368	50.4	7,686	3.6	1,189	168,244	49,274	29.3	105,948	63.0	11,137	6.6	1,076
Native white—Native parentage.....	80,597	37,373	46.1	39,470	48.7	2,724	3.4	592	62,852	19,243	30.8	38,748	61.9	3,777	6.0	496
Native white—Foreign or mixed par.....	70,394	39,023	55.2	28,976	41.3	1,269	1.8	267	60,361	24,944	40.3	33,666	55.8	1,721	2.9	265
Foreign-born white.....	37,481	17,369	46.3	35,820	62.3	3,358	8.8	268	38,999	4,992	12.8	27,777	71.4	4,944	12.5	215
Negro.....	7,176	170	43.5	176	47.2	21	5.6	6	2,621	79	30.2	152	35.9	27	10.3	4
<b>Nebraska.</b>	430,112	176,076	40.9	233,273	54.2	16,353	3.8	2,396	332,138	109,278	32.4	230,441	61.9	28,840	7.8	2,417
Native white—Native parentage.....	209,222	85,403	40.8	117,219	56.2	7,726	3.7	1,430	186,513	58,378	29.7	115,289	61.8	18,561	7.4	1,445
Native white—Foreign or mixed par.....	112,011	52,318	46.7	31,768	44.2	2,116	3.8	452	110,447	44,854	41.2	69,086	64.9	4,001	3.6	239
Foreign-born white.....	96,345	25,871	26.9	65,633	68.0	6,197	6.3	441	71,348	7,163	10.0	43,128	74.5	10,774	14.8	392
Negro.....	5,541	1,941	35.1	1,792	45.1	237	6.7	54	2,746	643	23.4	1,527	69.0	417	15.2	55
<b>Kansas.</b>	470,222	229,804	48.9	288,918	56.8	27,885	4.5	3,940	339,234	113,345	26.6	338,120	67.7	47,021	8.1	3,788
Native white—Native parentage.....	409,122	153,590	37.4	233,531	57.0	17,470	4.3	2,794	372,043	99,335	26.7	238,520	64.1	37,021	8.7	2,898
Native white—Foreign or mixed par.....	104,490	48,209	46.2	52,467	50.2	2,846	2.7	499	96,709	34,654	35.8	56,239	58.2	5,077	5.2	477
Foreign-born white.....	78,073	19,182	24.6	35,829	62.3	3,358	8.8	268	53,125	4,511	8.5	37,734	73.4	8,707	17.2	215
Negro.....	20,927	7,711	36.9	11,166	53.5	1,354	7.4	312	18,694	4,831	24.3	10,863	57.9	2,908	15.6	200
<b>SOUTH ATLANTIC.</b>																
<b>Delaware.</b>	73,898	28,027	37.9	41,541	56.1	3,752	5.1	184	68,874	20,576	29.4	40,915	58.6	7,970	11.4	205
Native white—Native parentage.....	45,496	16,510	36.4	24,664	58.0	2,145	4.7	121	44,339	12,908	29.1	29,431	59.6	4,750	10.7	139
Native white—Foreign or mixed par.....	7,903	3,907	49.1	3,720	46.7	250	3.1	20	8,251	3,324	40.3	4,169	50.6	696	8.4	25
Foreign-born white.....	1,998	961	48.1	916	45.9	116	11.7	42	1,199	1,199	100.0	1,199	100.0	0	0.0	0
Negro.....	11,615	4,518	41.0	5,621	51.0	791	7.2	34	10,262	1,345	30.8	5,479	54.4	1,423	13.9	35
<b>Maryland.</b>	240,190	111,025	38.1	247,518	56.8	22,100	5.0	1,498	452,046	149,842	33.1	247,837	54.8	51,842	11.1	1,711
Native white—Native parentage.....	129,230	100,419	43.1	137,201	58.1	11,169	4.5	852	257,854	90,299	35.0	140,728	54.6	25,408	9.9	910
Native white—Foreign or mixed par.....	112,011	52,318	46.7	31,768	44.2	2,116	3.8	452	110,447	44,854	41.2	69,086	64.9	4,001	3.6	239
Foreign-born white.....	61,194	12,928	21.3	34,518	67.4	4,317	6.9	126	46,760	8,269	17.7	29,476	63.0	8,833	18.9	128
Negro.....	77,191	30,141	39.0	41,483	53.8	5,090	6.6	294	78,068	24,660	31.1	42,407	54.2	11,103	14.1	337
<b>District of Columbia.</b>	119,832	48,184	40.2	84,432	58.8	6,252	5.2	535	134,607	46,474	34.6	65,688	48.8	21,152	15.7	849
Native white—Native parentage.....	64,676	27,241	41.9	58,917	60.3	5,043	3.3	333	104,949	30,603	29.2	59,603	56.4	10,282	9.1	506
Native white—Foreign or mixed par.....	16,277	7,268	44.6	8,206	50.4	713	4.4	70	18,304	6,911	37.8	9,654	48.9	2,200	12.0	116
Foreign-born white.....	12,344	4,162	33.7	7,116	57.0	889	8.0	34	10,389	2,035	23.9	5,930	54.5	2,282	21.0	46
Negro.....	32,156	12,153	37.8	18,881	58.8	1,881	8.8	188	28,443	4,831	33.1	19,093	67.0	7,663	39.8	294
<b>Virginia.</b>	650,073	250,218	38.5	364,751	56.1	31,628	4.9	1,760	648,661	205,321	31.6	366,488	56.5	73,120	11.3	2,819
Native white—Native parentage.....	418,792	159,442	38.1	239,241	57.1	17,983	4.3	1,009	416,873	132,248	31.7	241,988	58.0	40,408	9.7	1,435
Native white—Foreign or mixed par.....	15,001	6,078	40.6	6,189	47.6	678	5.2	33	11,698	4,602	39.9	5,799	49.5	1,193	10.2	41
Foreign-born white.....	15,801	5,183	32.7	9,947	69.5	1,169	7.4	35	8,970	1,376	15.3	6,274	69.9	1,296	14.4	118
Negro.....	202,055	79,328	39.3	109,723	54.3	11,782	5.8	682	210,968	66,902	31.7	112,351	53.3	30,300	14.3	1,123
<b>West Virginia.</b>	416,171	161,746	38.9	236,044	56.7	15,211	3.7	1,431	356,624	99,881	28.0	235,631	63.3	28,276	7.9	1,863
Native white—Native parentage.....	380,741	124,643	37.7	191,856	58.0	12,023	3.6	1,140	305,998	87,560	28.6	195,227	63.1	22,884	7.5	1,260
Native white—Foreign or mixed par.....	136,242	36,808	27.0	54,988	40.0	3,188	5.8	293	149,888	6,208	33.6	40,474	58.4	3,382	8.1	559
Foreign-born white.....	39,213	16,609	42.3	21,034	53.6	1,131	2.9	45	13,943	1,491	10.7	10,846	76.6	1,699	12.2	25
Negro.....	27,317	13,144	48.1	12,487	45.7	1,330	4.9	189	18,184	4,635	25.4	11,304	62.2	2,011	11.1	294
<b>North Carolina.</b>	646,785	234,854	36.3	382,782	59.1	26,543	4.1	989	658,872	207,677	31.2	388,328	58.0	68,302	10.3	1,908
Native white—Native parentage.....	446,157	162,390	36.4	285,975	59.5	16,301	3.7	627	449,883	138,684	30.8	310,609	69.2	45,824	10.2	1,389
Native white—Foreign or mixed par.....	2,820	1,157	41.0	1,630	64.3	117	41.3	3	2,848	1,106	38.8	1,425	50.0	301	10.6	6
Foreign-born white.....	15,417	5,446	35.3	6,186	40.2	184	2.9	8	1,086	825	16.3	1,425	69.7	271	13.6	6
Negro.....	199,168	69,483	34.9	111,770	56.2	9,904	6.0	427	208,995	66,982	32.0	116,506	55.7	27,138	12.5	803
<b>South Carolina.</b>	434,486	164,312	37.5	259,205	60.7	18,866	4.4	401	451,287	130,898	29.0	263,611	58.4	54,714	12.1	832
Native white—Native parentage.....	201,725	75,843	37.6	117,508	58.3	7,658	3.8	121	200,121	60,586	30.3	119,014	59.4	19,903	9.0	1,168
Native white—Foreign or mixed par.....	15,246	4,731	31.1	6,070	40.0	183	4.5	11	11,665	39.9	1,917	46.6	570	37.3	31	6
Foreign-born white.....	226,028	1,210	33.9	2,070	58.0	255	7.1	5	2,198	888	16.3	3,296	59.9	1,828	8.4	8
Negro.....	225,020	75,462	33.5	137,485	61.1	10,880	4.8	271	244,703	68,178	27.9	141,327	57.8	33,694	13.8	629
<b>Georgia.</b>	778,784	265,405	34.2	470,746	60.4	37,184	4.8	2,209	730,110	209,221	28.6	475,941	60.2	98,502	13.9	4,280
Native white—Native parentage.....	422,241	149,698	35.4	269,004	63.6	21,638	4.7	1,115	421,009	117,609	28.					

## MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, BY STATES: 1910—Continued.

Table 33—Continued.

DIVISION, STATE, AND CLASS OF POPULATION.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.									
	Single.		Married.		Widowed.		Di- voiced.	Total. <sup>1</sup>		Married.		Widowed.		Di- voiced.		
	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.		Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			
<b>EAST SOUTH CENTRAL—Cont'd.</b>																
<b>Alabama.</b>	644,350	122,125	35.6	396,415	80.0	31,463	4.9	8,728	643,989	189,126	26.3	388,191	60.3	60,137	12.2	5,413
Native white—Native parentage.	333,430	66,554	35.6	212,995	60.0	13,246	3.7	7,335	345,405	99,154	28.7	214,440	62.4	34,995	9.9	1,230
Native white—Foreign or mixed par.	10,477	4,438	42.8	5,599	52.6	424	4.0	41	10,606	3,659	34.8	5,950	52.7	1,246	11.7	47
Foreign-born white.	11,174	3,294	29.4	4,149	34.1	483	6.1	41	6,539	1,765	26.9	4,758	71.6	1,083	16.0	17
Negro.	269,025	89,577	33.2	160,994	59.7.	17,101	6.4	2,011	281,202	70,959	25.1	162,347	57.7	43,654	15.5	4,222
<b>Mississippi.</b>	539,452	185,076	34.3	321,099	59.5	27,979	5.2	6,273	533,814	139,722	25.6	383,929	60.7	66,611	12.5	4,666
Native white—Native parentage.	222,151	84,833	37.0	134,219	58.6	8,749	3.8	824	220,470	61,284	28.1	138,695	61.5	21,682	9.8	760
Native white—Foreign or mixed par.	7,650	2,729	35.1	3,919	50.6	330	4.7	21	7,150	2,334	32.7	3,822	53.2	948	13.1	24
Foreign-born white.	5,564	1,548	27.8	3,574	64.2	413	7.4	11	3,116	418	13.4	2,015	64.7	678	21.4	21
Negro.	297,604	96,632	32.5	178,983	60.3	18,447	6.2	2,319	302,768	72,021	23.8	182,200	60.2	43,328	14.3	3,601
<b>WEST SOUTH CENTRAL.</b>																
<b>Arkansas.</b>	497,182	176,769	34.3	292,715	58.9	29,699	5.9	5,553	457,696	166,141	37.1	292,690	64.0	51,628	11.3	3,804
Native white—Native parentage.	333,362	118,907	35.7	197,406	59.2	16,669	5.0	1,314	304,541	72,934	23.9	199,744	65.5	30,913	9.9	1,915
Native white—Foreign or mixed par.	130,790	5,537	40.4	4,733	53.8	661	5.0	79	11,571	3,619	31.3	6,760	58.4	1,107	9.6	69
Foreign-born white.	10,142	2,665	26.6	6,377	62.9	853	8.7	67	5,224	803	15.5	4,489	86.0	1,033	19.9	29
Negro.	136,700	45,591	32.6	81,479	58.1	10,837	7.8	1,190	134,532	42,719	22.9	81,799	60.9	19,338	14.4	4,189
<b>Louisiana.</b>	514,982	195,341	37.9	292,797	57.1	25,500	5.0	1,677	504,796	149,181	28.3	290,636	57.6	66,601	13.2	2,849
Native white—Native parentage.	290,139	94,758	41.2	167,581	57.8	8,702	3.8	518	218,536	68,894	31.4	147,890	68.6	20,757	9.5	700
Native white—Foreign or mixed par.	38,908	11,416	29.4	12,813	33.8	1,896	4.9	134	42,925	15,222	35.5	27,548	64.3	1,509	3.6	147
Foreign-born white.	28,148	7,979	28.3	17,819	63.4	2,183	7.8	54	20,588	5,249	25.5	12,219	59.4	5,404	26.2	39
Negro.	217,006	76,748	35.4	125,446	57.8	12,664	5.8	967	222,327	58,661	26.3	127,984	57.5	24,105	10.9	2,009
<b>Oklahoma.</b>	553,026	197,510	35.7	321,850	58.2	28,462	4.6	3,151	458,311	100,265	21.9	317,456	69.3	36,126	7.9	2,863
Native white—Native parentage.	488,189	163,443	33.5	293,562	58.1	17,742	4.5	2,226	337,827	75,477	22.3	259,373	76.9	34,442	9.7	1,029
Native white—Foreign or mixed par.	34,625	13,724	39.6	19,096	55.1	1,383	4.0	204	28,461	7,580	26.9	18,745	66.6	1,583	5.9	140
Foreign-born white.	24,701	7,091	28.7	15,507	62.8	1,659	6.7	159	13,497	1,118	8.3	10,699	79.2	1,590	11.8	69
Negro.	45,971	16,173	35.4	25,348	55.3	5,428	7.5	469	39,278	8,560	21.8	25,139	64.0	4,871	12.4	355
<b>Texas.</b>	1,253,272	466,522	37.2	717,027	57.3	57,822	4.6	6,278	1,135,840	290,200	26.0	713,989	62.7	116,110	10.2	9,253
Native white—Native parentage.	811,440	300,163	37.1	466,714	57.5	32,386	4.0	4,799	737,623	193,882	26.3	473,622	64.2	64,971	8.8	3,507
Native white—Foreign or mixed par.	107,410	50,653	47.2	52,949	49.3	2,957	2.8	490	100,246	35,967	35.9	57,191	57.1	6,227	6.2	625
Foreign-born white.	125,648	48,948	39.3	54,844	43.7	3,544	2.8	490	100,246	35,967	35.9	57,191	57.1	6,227	6.2	625
Negro.	320,225	79,187	24.7	120,627	37.0	19,930	6.2	2,481	210,933	53,027	25.1	121,959	57.8	30,597	14.5	4,633
<b>MOUNTAIN.</b>																
<b>Montana.</b>	178,220	91,760	51.5	74,423	42.6	5,389	3.0	1,376	96,646	51,991	28.3	64,188	65.1	7,380	7.9	234
Native white—Native parentage.	166,908	82,190	62.0	67,487	40.5	2,898	3.4	528	82,058	25,212	27.4	27,302	64.9	2,731	6.5	374
Native white—Foreign or mixed par.	63,740	31,721	50.6	27,663	43.9	1,975	3.1	344	26,278	3,081	11.6	18,650	73.7	2,746	10.8	177
Foreign-born white.	120,250	61,454	51.1	44,145	36.5	1,111	4.5	153	83,126	18,269	22.0	39,674	46.8	4,311	2.2	222
<b>Idaho.</b>	136,650	59,751	45.9	64,645	49.2	4,407	3.4	943	86,966	41,475	47.7	58,804	67.5	5,898	6.8	480
Native white—Native parentage.	77,337	31,924	44.8	35,625	49.9	2,488	3.5	580	51,757	13,710	26.5	34,496	65.7	2,993	5.8	267
Native white—Foreign or mixed par.	21,704	11,531	53.5	13,469	61.3	624	2.9	164	21,929	6,506	29.7	14,343	65.4	868	4.1	121
Foreign-born white.	29,711	12,295	41.4	13,426	46.0	1,122	3.8	211	11,660	1,472	12.6	9,432	81.2	1,469	12.6	121
Negro.	350	179	51.1	142	40.6	17	4.9	10	909	61	29.2	113	54.1	30	14.4	3
<b>Wyoming.</b>	71,730	40,383	56.3	28,498	32.2	2,042	2.8	600	33,625	15,219	45.0	24,159	69.1	2,164	6.2	340
Native white—Native parentage.	35,458	19,652	55.1	14,439	40.5	1,096	3.1	304	19,433	4,791	24.7	13,346	68.7	1,058	5.4	101
Native white—Foreign or mixed par.	19,811	7,417	37.5	6,852	34.7	585	3.1	161	11,660	1,472	12.6	9,432	81.2	1,469	12.6	121
Foreign-born white.	16,960	10,801	63.5	8,091	41.0	549	2.8	80	6,442	704	10.9	5,103	79.2	853	9.1	42
Negro.	1,498	988	70.2	364	25.9	29	2.1	16	560	152	27.1	306	54.6	76	13.6	29
<b>Colorado.</b>	315,422	129,822	41.2	167,799	53.2	12,457	4.3	2,789	256,736	85,931	35.5	180,546	62.6	25,702	10.1	3,043
Native white—Native parentage.	174,376	159,782	90.5	149,222	84.1	11,758	4.3	1,652	149,637	30,498	28.3	93,843	62.8	14,442	9.7	1,029
Native white—Foreign or mixed par.	58,836	29,133	49.5	27,134	46.1	1,908	3.2	583	55,964	24,154	34.9	31,546	56.5	4,084	7.3	633
Foreign-born white.	74,439	27,190	36.5	42,852	57.5	3,591	4.8	463	45,366	9,938	21.0	32,654	72.0	6,349	14.0	368
Negro.	4,701	1,722	36.2	2,608	54.8	317	6.7	95	4,822	215	2.9	2,339	47.9	183	37.1	11
<b>New Mexico.</b>	114,252	53,684	38.2	63,648	55.7	5,978	5.2	759	92,287	21,461	23.3	61,046	66.2	8,845	9.6	867
Native white—Native parentage.	84,780	31,798	37.5	47,938	56.6	4,289	5.1	554	72,233	17,240	23.9	47,830	66.2	6,497	9.0	617
Native white—Foreign or mixed par.	8,076	4,657	57.8	4,118	47.8	380	4.4	65	7,000	2,229	31.6	4,222	59.8	543	7.7	410
Foreign-born white.	5,498	2,498	45.4	3,357	61.1	282	5.1	62	6,782	1,614	23.8	4,022	59.3	416	6.1	316
Negro.	716	283	39.4	337	47.7	61	6.5	14	513	107	20.6	305	58.7	90	17.3	17
<b>Arizona.</b>	83,360	39,106	46.8	40,769	47.7	3,723	4.4	611	54,128	12,033	22.2	35,601	65.1	5,762	10.6	533
Native white—Native parentage.	73,376	35,531	48.5	35,454	48.5	3,418	4.3	315	21,277	5,121	24.0	14,187	66.4	1,742	8.1	133
Native white—Foreign or mixed par.	13,251	7,127	53.8	5,909	40.7	448	3.3	69	10,022	3,029	30.3	6,983	69.8	6,623	6.2	66
Foreign-born white.	22,977	13,070	46.7	13,292	47.9	1,186	4.2	115	13,675	2,029	15.9	9,336	68.2	1,158	15.8	74
Negro.	6,084	2,411	39.6	2,604	42.8	54	2.1	54	6,344	1,615	25.4	4,689	73.9	1,048	16.4	116
<b>Utah.</b>	126,876	61,490	41.0	68,698	54.3	3,698	2.9	770	103,011	20,063	19.7	65,255	61.3	9,198	9.2	918
Native white—Native parentage.	44,438	20,226	46.2	21,679	48.2	1,081	2.5	271	37,861	13,506	35.7	21,078	55.7	2,497	6.6	394
Native white—Foreign or mixed par.	43,746	18,830	42.4	24,934	55.1	701	1.6	214	42,734	13,731	32.1	26,693	62.2	1,847	4.3	332
Foreign-born white.	39,376	19,377	31.2	21,394	62.0	1,172	3.0	202	26,267	2,493	9.5	17,				

MARITAL CONDITION.

MARITAL CONDITION OF THE MALES 15 YEARS OF AGE AND OVER FOR THE URBAN AND RURAL POPULATION: 1910.

Table 34

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.										FEMALES 15 YEARS OF AGE AND OVER.									
	Single.		Married.		Widowed.		Divorced.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Divorced.	Total. <sup>1</sup>				
	Num-ber.	Per-ent.	Num-ber.	Per-ent.	Num-ber.	Per-ent.			Num-ber.	Per-ent.	Num-ber.	Per-ent.	Num-ber.	Per-ent.						
<b>ALL CLASSES.</b>																				
<b>Urban communities:</b>																				
15 to 19 years.....	15,637,914	6,276,507	40.0	8,582,080	54.7	655,893	4.2	78,616	15,333,383	5,025,467	32.8	8,718,544	54.6	786,292	5.1	110,991				
15 to 19 years.....	1,928,220	1,901,292	98.7	14,327	0.7	329	(C)	116	1,901,171	91.6	1,662,727	87.7	3,079	0.1	1,438					
20 to 24 years.....	1,707,450	1,707,450	100.0	0	0.0	6,113	0.3	19,048	1,707,450	100.0	884,536	51.8	7,277	0.4	10,735					
25 to 29 years.....	1,535,744	1,535,744	100.0	0	0.0	49,469	1.2	10,680	1,535,744	100.0	2,078,806	135.6	127,718	3.3	36,094					
30 to 34 years.....	1,385,947	1,385,947	100.0	0	0.0	100,035	3.1	24,383	1,385,947	100.0	429,218	30.9	201,462	8.9	32,228					
35 to 39 years.....	1,305,447	1,305,447	100.0	0	0.0	175,000	5.2	27,383	1,305,447	100.0	313,156	23.9	140,794	11.1	17,462					
40 to 64 years.....	782,662	782,662	100.0	0	0.0	501,654	64.2	225,373	28,483	910,948	65,290	9.9	293,471	62.7	9,088					
65 years and over.....	67,911	16,060	23.5	12,738	19.0	2,000	3.0	302	31,140	8,938	28.7	10,655	33.4	4,834	15.5	280				
Age unknown.....																				
<b>Rural communities:</b>																				
15 to 19 years.....	16,737,991	6,273,622	37.5	8,516,580	56.8	905,497	4.8	77,546	14,713,472	3,907,703	26.6	9,308,243	63.1	3,989,398	9.4	74,077				
15 to 19 years.....	2,601,622	2,546,779	97.9	37,850	1.4	781	(C)	231	2,459,280	2,094,591	84.8	352,617	14.3	7,182	0.3	2,212				
20 to 24 years.....	2,329,657	2,694,696	115.7	63,014	2.7	32,094	0.5	8,821	2,567,739	988,520	40.3	1,240,823	57.5	39,907	1.5	9,635				
25 to 29 years.....	3,745,959	1,166,488	31.2	2,499,633	66.5	108,838	1.6	15,883	3,177,225	604,180	19.0	2,745,099	84.4	96,113	2.9	21,171				
30 to 34 years.....	3,907,719	1,442,075	36.9	2,404,612	61.0	89,660	3.3	18,305	3,556,709	199,298	7.8	2,357,906	68.6	150,454	5.9	10,043				
35 to 39 years.....	3,842,778	365,636	9.5	3,124,622	81.3	316,006	5.2	30,848	3,093,472	186,414	6.0	2,185,930	70.1	150,497	17.1	20,041				
40 to 64 years.....	1,263,474	74,601	5.8	1,164,688	79.7	282,336	4.8	4,833	910,948	58,352	6.4	417,984	56.7	169,088	24.3	9,818				
65 years and over.....	47,372	13,359	28.2	14,572	30.8	2,633	6.6	270	25,472	5,756	24.5	10,583	45.1	4,100	17.7	200				
Age unknown.....																				
<b>NATIVE WHITE-NATIVE PARENTAGE.</b>																				
<b>Urban communities:</b>																				
15 years and over.....	6,120,304	2,480,977	40.4	3,312,098	54.1	258,056	4.2	40,545	8,197,574	2,106,687	24.4	3,318,706	38.5	698,071	8.1	57,005				
15 to 19 years.....	855,880	843,231	98.2	7,896	0.9	139	(C)	47	820,633	836,639	99.9	77,006	8.4	1,219	0.1	749				
20 to 24 years.....	913,338	913,338	100.0	0	0.0	2,557	0.3	1,611	909,121	538,098	59.2	414,229	42.7	8,950	0.9	5,633				
25 to 29 years.....	1,474,306	1,474,306	100.0	0	0.0	963,713	65.4	15,883	1,541,832	387,011	25.1	1,075,281	69.9	46,354	3.3	18,779				
30 to 34 years.....	1,123,040	1,123,040	100.0	0	0.0	886,138	78.2	36,552	3.2	1,290,910	108,173	8.1	819,652	75.4	88,307	8.2	16,280			
35 to 39 years.....	1,250,108	139,579	11.1	1,096,117	86.4	105,341	8.4	15,787	1,243,519	133,222	10.7	801,794	75.6	266,237	23.6	41,217				
40 to 64 years.....	478,299	320,135	66.9	200,100	66.7	96,319	20.9	9,423	366,311	86,351	8.4	126,524	29.9	69,682	16.0	1,038				
65 years and over.....	43,688	8,636	19.8	5,604	12.6	817	1.9	176	16,703	4,715	28.1	5,200	31.0	1,633	9.7	131				
Age unknown.....																				
<b>Rural communities:</b>																				
15 years and over.....	10,112,791	3,724,347	36.8	5,833,061	57.7	470,277	4.7	46,911	9,326,326	2,537,435	27.2	5,900,181	63.3	825,481	8.9	43,648				
15 to 19 years.....	1,694,648	1,691,242	99.7	3,012	0.2	389	(C)	142	1,611,633	1,362,917	84.5	241,288	15.0	1,175	0.2	3,242				
20 to 24 years.....	1,419,576	1,937,374	136.6	411,536	29.0	6,313	0.4	2,152	1,380,887	556,488	40.3	802,622	58.1	13,212	1.0	5,249				
25 to 29 years.....	2,213,310	616,708	27.8	1,555,778	70.2	22,903	1.5	9,152	1,202,634	316,181	26.3	1,744,772	82.3	48,633	2.3	11,637				
30 to 34 years.....	2,196,450	219,135	10.0	1,801,713	81.3	19,881	1.3	10,062	1,841,832	287,011	15.6	1,075,281	58.3	77,719	4.2	18,779				
35 to 39 years.....	2,262,222	190,877	8.4	1,896,532	82.6	185,178	8.1	19,039	1,949,156	128,575	6.6	1,487,970	76.3	218,124	16.3	12,980				
40 to 64 years.....	741,529	46,901	6.3	662,431	67.7	189,338	25.5	5,233	687,319	45,606	6.6	271,360	29.5	368,871	33.2	2,940				
65 years and over.....	242,981	7,444	29.7	1,687,261	1,388	6,458	4.65	465	8,421	287	3.4	2,013	42.7	6,662	132	861				
Age unknown.....																				
<b>NATIVE WHITE-FOREIGN OR MIXED PARENTAGE.</b>																				
<b>Urban communities:</b>																				
15 years and over.....	3,594,608	1,850,359	51.5	1,821,357	45.1	98,157	2.7	15,834	3,955,091	1,762,246	44.6	1,878,389	47.5	283,696	7.2	22,675				
15 to 19 years.....	694,456	688,927	99.2	2,359	0.3	61	(C)	29	740,976	714,412	96.3	32,354	4.4	264	0.2	212				
20 to 24 years.....	881,432	881,432	100.0	0	0.0	153	0.3	484	867,323	433,554	66.3	219,825	27.7	3,051	0.5	1,850				
25 to 29 years.....	961,626	961,626	100.0	0	0.0	473,626	49.3	11,062	1,055,326	330,373	31.3	624,653	59.2	2,518	0.5	713				
30 to 34 years.....	718,120	168,673	23.5	521,323	72.6	21,748	3.0	5,634	788,203	164,241	20.8	553,670	70.3	60,767	7.7	7,230				
35 to 39 years.....	639,190	90,834	14.2	487,786	76.9	49,783	7.8	2,638	684,721	98,091	14.4	429,678	62.7	150,917	22.0	5,379				
40 to 64 years.....	61,655	5,311	8.6	39,944	64.8	15,776	25.6	426	73,532	7,396	10.0	22,116	30.0	43,947	59.3	2,940				
65 years and over.....	3,167	1,487	47.1	968	30.7	169	5.4	25	3,340	1,609	48.2	1,632	30.9	385	11.5	29				
Age unknown.....																				
<b>Rural communities:</b>																				
15 years and over.....	2,180,629	1,055,833	48.2	1,055,340	48.2	62,822	2.9	8,561	1,931,820	696,771	35.8	1,130,234	58.6	98,923	5.1	7,831				
15 to 19 years.....	420,488	420,488	100.0	0	0.0	0	0.0	0	420,488	420,488	100.0	0	0.0	0	0.0	0				
20 to 24 years.....	332,984	281,122	84.4	41,402	14.8	4,534	1.1	251	301,692	166,418	55.2	132,382	43.9	1,238	0.4	1,338				
25 to 29 years.....	520,188	217,835	41.9	294,684	56.7	4,683	0.9	1,804	470,479	103,804	21.8	362,383	76.1	7,347	1.5	2,177				
30 to 34 years.....	425,631	91,005	21.4	329,816	74.4	10,880	2.6	474	372,929	42,789	11.5	312,341	83.9	15,294	4.1	1,300				
35 to 39 years.....	442,031	61,800	14.0	345,765	78.2	20,053	6.8	3,858	356,443	29,819	8.4	276,675	77.4	47,413	13.8	2,000				
40 to 64 years.....	67,010	6,137	9.2	43,440	64.8	16,661	24.9	601	53,122	3,353	6.7	22,310	42.0	27,012	50.8	1,914				
65 years and over.....	2,486	1,036	42.0	888	35.8	151	6.1	21	1,527	339	22.0	619	40.6	169	11.1	9				
Age unknown.....																				
<b>FOREIGN-BORN WHITE.</b>																				
<b>Urban communities:</b>																				
15 years and over.....	4,943,980	1,566,216	31.7	3,100,023	62.7	244,984	5.0	14,185	4,112,238	840,859	20.5	2,628,402	63.9	601,642	14.6	15,956				
15 to 19 years.....	200,293	226,774	113.6	0	0.0	43	(C)	11	271,574	238,710	87.9	9,159	3.1	253	0.1	82				
20 to 24 years.....	384,924	384,924	100.0	0	0.0	883	0.1	2,048	1,088,716	230,633	21.2	623,877	57.4	2,518	0.5	713				
25 to 29 years.....	1,381,979	317,433	22.9	841,068	61.3	10,417	0.8	2,231	1,022,072	263,821	19.9	792,159	77.4	22,296	2.2	4,114				
30 to 34 years.....	1,112,941	194,156	17.4	893,383	80.2	27,297	2.5	3,896	872,966	84,197	9.6	717,782	82.3	63,880	7.4	4,615				
35 to 39 years.....	1,227,973	114,645	9.3	1,014,891	82.7	60,424	5.3	6,204	1,043,047	70,803	6.7	241,887	23.1	372,417	35.7	5,414				
40 to 64 years.....	336,850	20,871	6.2	209,274	62.1	104,638	31.1	1,989	307,068	19,583	5.3	117,882								

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES OF 250,000 INHABITANTS OR MORE: 1910.

Table 35

CITY AND CLASS OF POPULATION.	MALES 15 YEARS OF AGE AND OVER.										FEMALES 15 YEARS OF AGE AND OVER.									
	Total. <sup>1</sup>	Single.		Married.		Widowed.		Divorced.		Total. <sup>1</sup>	Single.		Married.		Widowed.		Divorced.			
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.				
<b>Baltimore, Md.</b>	183,703	76,598	39.5	106,466	58.0	9,318	4.8	422	0.2	214,672	76,947	35.8	108,520	49.7	27,905	12.9	1,188			
Native white—Native parentage	84,708	37,243	43.9	45,517	53.3	3,349	4.0	470	0.5	94,777	38,360	40.5	45,341	48.1	10,654	10.2	622			
Native white—Foreign or mixed par.	42,293	18,926	44.4	21,827	51.2	1,557	3.7	211	0.5	41,175	18,775	45.6	23,405	58.5	4,924	11.0	216			
Foreign-born white	56,809	24,622	43.3	24,242	42.5	2,242	3.9	133	0.2	115,902	40,814	35.2	37,731	32.6	6,999	6.7	310			
Negro	29,882	11,651	38.9	11,510	53.5	2,060	6.9	146	0.5	35,572	12,770	34.2	17,095	48.1	6,841	17.0	197			
<b>Boston, Mass.</b>	241,277	107,279	44.0	122,810	50.9	10,802	4.5	514	0.2	254,238	104,470	40.0	120,215	47.0	30,110	11.9	1,718			
Native white—Native parentage	254,549	24,745	9.7	27,098	10.8	3,004	1.2	449	0.2	288,540	23,272	8.1	24,230	8.4	8,065	2.8	872			
Native white—Foreign or mixed par.	67,919	41,307	60.8	24,428	36.0	1,960	2.9	186	0.3	72,658	40,614	55.1	27,731	38.0	4,999	6.7	310			
Foreign-born white	111,403	27,391	24.6	67,836	61.1	5,528	5.0	342	0.3	116,339	33,331	28.8	66,294	57.0	16,638	13.8	386			
Negro	5,482	3,859	70.0	2,778	50.7	360	6.5	37	0.7	15,215	1,744	11.3	2,710	18.0	1,069	7.0	47			
<b>Buffalo, N. Y.</b>	152,794	63,132	41.3	83,294	54.5	5,884	3.7	307	0.2	151,215	52,389	35.0	61,421	40.5	16,112	10.7	456			
Native white—Native parentage	38,596	18,746	48.5	18,363	47.6	1,170	3.0	122	0.3	38,314	16,751	43.7	18,049	47.1	2,313	4.4	172			
Native white—Foreign or mixed par.	53,524	27,666	51.7	24,319	45.4	1,359	2.5	90	0.2	59,717	26,507	44.6	28,284	47.5	4,807	7.4	176			
Foreign-born white	146,198	145,653	100.0	145,514	100.0	3,101	2.1	1,956	1.3	208,177	132,330	63.4	113,380	64.5	13,310	6.2	814			
Negro	791	362	45.8	366	46.3	63	7.7	8	1.0	696	232	33.0	363	52.2	107	15.4	11			
<b>Chicago, Ill.</b>	824,058	343,206	41.6	442,831	53.8	27,586	3.3	3,949	0.5	786,365	315,115	33.3	423,839	55.7	76,813	10.1	5,890			
Native white—Native parentage	130,955	64,771	42.7	74,300	49.5	5,057	3.4	1,251	0.9	144,272	52,623	37.1	71,711	50.0	13,742	10.4	1,969			
Native white—Foreign or mixed par.	246,128	145,653	59.2	95,514	39.2	4,300	1.7	1,056	0.4	298,177	132,330	44.4	113,380	44.5	13,310	4.2	814			
Foreign-born white	406,297	126,504	31.1	260,400	64.1	16,963	4.2	1,361	0.3	331,927	62,930	18.9	222,646	67.0	44,504	13.4	1,757			
Negro	19,472	7,631	39.0	14,076	72.0	1,232	6.4	279	1.4	27,962	8,300	21.2	9,978	35.5	3,746	20.9	355			
<b>Cincinnati, Ohio.</b>	124,732	36,365	29.1	70,958	52.5	6,427	4.8	904	0.7	145,721	51,293	35.2	70,435	49.0	20,416	14.2	1,499			
Native white—Native parentage	48,881	24,526	50.2	22,024	45.2	2,592	5.3	312	0.6	52,015	22,616	43.5	23,401	45.1	3,202	6.1	647			
Native white—Foreign or mixed par.	49,662	6,847	14.0	25,764	51.8	1,660	3.3	341	0.7	54,825	22,997	41.9	28,685	49.9	6,145	10.9	490			
Foreign-born white	23,630	6,400	27.0	18,809	80.1	1,621	6.4	140	0.6	29,502	4,275	14.5	10,067	33.5	7,965	23.0	146			
Negro	2,940	2,940	100.0	2,940	100.0	2,940	100.0	2,940	100.0	2,940	2,940	100.0	2,940	100.0	2,940	100.0	2,940			
<b>Cleveland, Ohio.</b>	208,923	79,854	38.2	121,055	57.9	8,534	3.1	910	0.4	191,747	58,160	30.3	113,294	59.1	18,835	9.8	1,347			
Native white—Native parentage	43,754	17,935	41.0	23,765	54.3	1,339	3.1	298	0.7	42,692	15,265	35.8	22,679	53.1	4,186	9.8	484			
Native white—Foreign or mixed par.	192,798	32,004	16.4	25,991	13.8	979	1.7	232	0.1	145,122	29,600	20.4	31,590	21.5	4,504	3.4	436			
Foreign-born white	59,278	28,529	48.1	26,145	43.9	2,119	3.9	307	0.5	80,583	47,469	59.0	27,001	33.5	7,829	9.7	266			
Negro	3,630	1,350	37.2	2,017	55.6	194	5.2	53	1.5	3,361	819	24.4	1,965	58.5	513	15.3	61			
<b>Detroit, Mich.</b>	270,431	70,679	26.1	98,741	55.8	5,836	3.3	922	0.3	329,162	124,374	37.1	124,498	37.9	10,976	9.9	1,599			
Native white—Native parentage	239,151	117,075	49.3	130,231	54.3	1,233	0.9	334	0.1	366,438	127,859	34.6	116,338	33.1	13,373	9.5	257			
Native white—Foreign or mixed par.	53,771	26,261	48.8	26,261	48.8	2,603	4.8	268	0.5	65,528	28,528	43.5	28,528	43.5	2,899	4.3	477			
Foreign-born white	21,410	24,322	113.1	53,137	248.3	3,406	4.2	346	1.6	65,341	11,993	18.4	45,330	67.1	8,941	13.7	535			
Negro	8,165	2,988	38.1	1,593	19.3	153	1.9	24	0.3	10,357	1,451	13.9	1,451	13.9	1,451	13.9	1,451			
<b>Jersey City, N. J.</b>	46,981	40,102	85.3	51,147	108.9	2,432	4.8	113	0.2	89,243	39,843	44.6	45,212	50.6	11,112	12.3	123			
Native white—Native parentage	22,232	10,500	47.2	10,259	47.7	878	3.9	38	0.2	21,457	8,505	41.5	10,474	48.9	1,970	9.2	36			
Native white—Foreign or mixed par.	50,877	16,559	32.5	13,523	26.8	1,023	3.3	40	0.1	60,326	15,061	25.0	15,329	25.1	7,011	11.6	56			
Foreign-born white	12,077	11,488	95.0	24,332	200.0	2,432	19.3	245	2.0	5,223	5,223	100.0	5,223	100.0	5,223	100.0	5,223			
Negro	2,335	861	36.9	1,353	57.9	111	4.8	7	0.3	2,306	900	39.0	1,344	60.5	352	15.0	7			
<b>Los Angeles, Cal.</b>	130,538	51,501	39.5	71,807	55.0	5,559	4.3	1,443	1.1	124,328	35,307	28.4	74,835	59.8	16,844	13.3	1,728			
Native white—Native parentage	66,333	25,646	38.7	36,777	55.4	2,947	4.4	886	1.3	66,565	19,186	28.8	37,059	55.7	7,170	10.8	181			
Native white—Foreign or mixed par.	24,943	11,249	45.3	12,828	51.4	1,045	4.2	245	1.0	25,192	10,925	43.4	12,828	50.9	2,822	11.2	292			
Foreign-born white	31,494	10,647	33.8	18,555	59.9	1,670	5.3	275	0.9	25,529	5,018	19.7	16,108	63.1	4,157	16.3	291			
Negro	2,921	1,002	34.3	1,747	59.8	144	4.9	25	0.9	2,670	625	23.4	1,783	65.1	868	32.5	47			
<b>Milwaukee, Wis.</b>	135,870	55,822	41.1	74,449	54.8	4,394	3.2	724	0.5	131,112	48,516	36.9	71,129	54.3	12,678	9.7	1,252			
Native white—Native parentage	20,939	11,447	54.6	12,492	59.6	1,045	4.5	117	0.5	21,411	11,411	53.3	11,411	53.3	1,411	6.5	279			
Native white—Foreign or mixed par.	54,786	28,643	52.3	29,978	45.5	910	1.7	257	0.5	62,739	28,337	45.0	30,266	48.2	7,048	11.4	879			
Foreign-born white	59,662	31,531	52.7	40,924	68.5	3,005	5.0	321	0.6	49,991	5,944	11.9	31,896	62.2	2,924	5.8	309			
Negro	429	175	40.8	149	34.9	41	27.4	4	0.9	429	175	40.8	149	34.9	41	27.4	4			
<b>Minneapolis, Minn.</b>	123,834	56,540	46.4	58,394	47.9	4,192	3.4	506	0.4	190,106	114,447	37.3	56,644	51.9	9,843	8.8	869			
Native white—Native parentage	37,207	17,161	46.1	17,217	46.3	1,321	3.6	249	0.7	32,400	10,217	31.3	15,735	48.6	3,431	10.2	268			
Native white—Foreign or mixed par.	35,926	20,889	58.1	13,656	38.1	670	1.9	139	0.4	40,568	20,229	49.9	17,799	43.5	1,867	4.5	234			
Foreign-born white	47,358	17,841	37.7	20,820	43.9	2,117	4.5	194	0.4	29,229	11,767	40.3	20,017	64.4	4,374	14.2	216			
Negro	1,321	588	44.5	601	45.5	83	6.3	14	1.0	907	225	25.0	616	56.9	130	14.3	16			
<b>New Orleans, La.</b>	115,620	47,705	41.3	59,532	51.5	5,944	5.1	382	0.3	127,332	42,644	33.5	50,632	47.7	22,449	17.6	898			
Native white—Native parentage	22,430	12,205	54.4	13,224	59.0	1,533	6.9	115	0.5	23,555	12,205	51.8	13,350	56.7	1,533	6.5	228			
Native white—Foreign or mixed par.	27,430	10,743	39.2	15,098	55.1	1,389	5.0	88	0.3	29,094	10,546	36.2	16,432	56.3	2,569	8.9	164			
Foreign-born white	14,093	3,722	26.4	8,916	63.3	1,384	9.8	26	0.2	12,969	1,837	14.2	6,011	48.6	4,258	32.5	207			
Negro	1,926	1,926	100.0	1,926	100.0	1,926	100.0	1,926	100.0	1,926	1,926	100.0	1,926	100.0	1,926	100.0	1,926			

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910.

CITY.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.	Total. <sup>1</sup>	Single.		Married.		Widowed.		Di- vorced.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
<b>Alabama</b>																	Birmingham.....	47,989	17,821	37.1	27,149	56.6	2,728	5.7	188	46,170	16,946	37.7	27,667	59.1	7,563	16.3	388	Montgomery.....	17,615	6,485	36.8	9,387	53.3	1,103	6.3	99	16,139	5,222	32.0	9,715	60.2	2,124	13.6	224	Little Rock.....	12,857	4,843	37.7	7,160	55.7	780	6.1	31	12,177	4,349	35.7	7,267	59.5	3,012	18.8	110	<b>Arkansas</b>																	<b>California</b>																	Berkeley.....	14,941	6,059	40.6	8,223	55.2	501	3.4	84	16,318	5,535	33.9	7,959	48.8	2,246	13.8	253	Oakland.....	61,380	24,901	40.6	32,781	53.4	2,588	4.2	676	55,066	15,423	28.0	31,310	56.9	7,664	13.6	862	Pasadena.....	10,659	3,856	35.6	6,387	59.9	569	5.6	55	13,484	4,598	34.1	6,642	49.3	2,101	15.6	121	Sacramento.....	21,033	10,086	48.0	9,654	45.9	882	4.2	305	15,207	4,283	28.2	8,412	56.6	2,013	13.2	287	San Diego.....	45,700	6,716	14.7	37,312	81.9	5,672	12.4	224	44,984	4,260	9.5	38,317	85.2	2,158	4.8	302	San Jose.....	11,180	4,328	38.7	6,122	54.8	579	5.2	103	11,351	3,491	30.8	5,965	52.6	1,705	15.0	157	<b>Colorado</b>																	Colorado Springs.....	10,670	3,719	34.9	6,249	58.6	531	5.0	124	11,649	3,722	32.0	6,201	53.2	1,559	13.4	148	Denver.....	82,690	32,045	38.8	45,541	55.1	3,482	4.2	922	81,308	25,617	31.0	45,732	56.2	10,293	12.7	1,837	Fort Collins.....	19,010	5,569	45.1	9,249	48.7	874	4.6	177	13,814	3,353	23.7	8,550	61.9	1,471	10.6	179	<b>Connecticut</b>																	Bridgeport.....	38,690	15,866	40.5	21,280	55.0	1,552	4.0	97	33,598	11,448	32.2	20,178	56.7	3,782	10.6	460	Hartford.....	36,167	14,635	40.5	19,898	55.0	1,488	4.1	81	36,648	13,055	35.6	19,196	52.4	4,215	11.3	146	Meriden town.....	11,475	4,594	39.3	6,309	55.0	611	5.3	34	11,597	4,089	35.3	6,261	54.0	1,185	10.2	43	New Britain.....	9,714	3,585	36.9	5,429	55.9	541	5.6	50	9,559	3,635	38.0	5,424	56.8	1,200	12.2	40	New Britain.....	16,313	7,052	42.7	7,817	53.4	564	3.4	28	14,114	4,826	34.2	8,068	57.2	1,138	8.1	47	New Haven.....	47,604	18,823	39.5	26,417	55.4	2,178	4.6	134	47,998	16,649	34.7	25,510	53.1	5,566	11.6	188	Norwich town.....	9,785	3,770	38.5	5,429	55.5	586	6.0	26	10,888	4,148	38.1	5,350	48.2	1,329	12.2	40	Stamford town.....	10,446	4,091	39.2	5,824	55.8	461	4.4	24	10,335	3,586	34.2	5,618	54.4	1,110	10.8	56	Stamford city.....	8,845	4,489	50.9	5,076	57.7	559	6.0	21	8,339	3,063	36.8	4,480	54.6	947	10.2	56	Waterbury.....	29,857	11,913	40.2	14,174	52.8	987	3.7	48	24,225	8,670	35.8	13,272	54.8	2,198	9.1	59	<b>Delaware</b>																	Wilmington.....	32,425	12,755	39.3	17,966	54.9	1,590	4.9	74	31,664	10,252	32.3	17,368	54.9	2,886	9.1	113	<b>Florida</b>																	Jacksonville.....	22,501	8,464	37.6	12,277	54.6	1,109	4.9	148	21,519	5,345	24.8	12,683	58.9	3,128	14.5	226	Tampa.....	13,824	5,713	41.3	7,408	53.6	564	4.1	87	12,469	2,903	23.4	7,909	60.5	1,788	14.4	158	<b>Georgia</b>																	Atlanta.....	53,119	20,953	38.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311	Augusta.....	14,129	5,825	41.2	7,847	55.5	795	5.6	45	16,533	4,908	29.7	8,205	49.6	3,221	19.5	120	Macon.....	13,949	5,066	36.3	7,498	53.7	845	6.1	40	15,350	4,427	28.9	8,315	54.3	2,600	15.0	102	Savannah.....	22,817	8,477	37.2	12,059	56.8	1,214	5.3	89	25,071	7,009	28.0	13,568	53.9	4,229	17.1	201	<b>Illinois</b>																	Aurora.....	11,905	4,571	40.1	6,239	52.7	452	3.8	41	10,012	3,435	34.3	6,152	66.4	1,245	11.4	62	Bloomington.....	9,947	3,326	33.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83	Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,788	26.5	6,360	60.6	1,175	11.2	61	Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,309	11.7	95	East St. Louis.....	24,398	9,350	40.8	13,561	54.4	930	3.9	176	23,266	6,458	24.9	11,792	64.5	1,738	8.8	142	Elgin.....	9,263	3,348	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130	Joliet.....	13,549	5,127	42.5	7,113	52.8	414	3.1	70	11,904	3,737	31.2	6,419	53.9	1,106	9.8	63	Peoria.....	26,574	11,110	41.8	15,081	51.1	1,314	4.4	80	24,761	8,185	33.0	12,301	53.7	2,850	11.4	246	Quincy.....	13,496	5,219	39.5	7,320	54.2	704	5.2	89	14,024	4,229	30.4	7,431	51.9	1,700	11.9	97	Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	6,192	58.5	1,672	10.2	120	Springfield.....	18,652	6,988	37.5	10,356	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,250	11.5	291	<b>Indiana</b>																	Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234	Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226	Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290	South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208	Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317	<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3	
Birmingham.....	47,989	17,821	37.1	27,149	56.6	2,728	5.7	188	46,170	16,946	37.7	27,667	59.1	7,563	16.3	388																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Montgomery.....	17,615	6,485	36.8	9,387	53.3	1,103	6.3	99	16,139	5,222	32.0	9,715	60.2	2,124	13.6	224																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Little Rock.....	12,857	4,843	37.7	7,160	55.7	780	6.1	31	12,177	4,349	35.7	7,267	59.5	3,012	18.8	110																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Arkansas</b>																	<b>California</b>																	Berkeley.....	14,941	6,059	40.6	8,223	55.2	501	3.4	84	16,318	5,535	33.9	7,959	48.8	2,246	13.8	253	Oakland.....	61,380	24,901	40.6	32,781	53.4	2,588	4.2	676	55,066	15,423	28.0	31,310	56.9	7,664	13.6	862	Pasadena.....	10,659	3,856	35.6	6,387	59.9	569	5.6	55	13,484	4,598	34.1	6,642	49.3	2,101	15.6	121	Sacramento.....	21,033	10,086	48.0	9,654	45.9	882	4.2	305	15,207	4,283	28.2	8,412	56.6	2,013	13.2	287	San Diego.....	45,700	6,716	14.7	37,312	81.9	5,672	12.4	224	44,984	4,260	9.5	38,317	85.2	2,158	4.8	302	San Jose.....	11,180	4,328	38.7	6,122	54.8	579	5.2	103	11,351	3,491	30.8	5,965	52.6	1,705	15.0	157	<b>Colorado</b>																	Colorado Springs.....	10,670	3,719	34.9	6,249	58.6	531	5.0	124	11,649	3,722	32.0	6,201	53.2	1,559	13.4	148	Denver.....	82,690	32,045	38.8	45,541	55.1	3,482	4.2	922	81,308	25,617	31.0	45,732	56.2	10,293	12.7	1,837	Fort Collins.....	19,010	5,569	45.1	9,249	48.7	874	4.6	177	13,814	3,353	23.7	8,550	61.9	1,471	10.6	179	<b>Connecticut</b>																	Bridgeport.....	38,690	15,866	40.5	21,280	55.0	1,552	4.0	97	33,598	11,448	32.2	20,178	56.7	3,782	10.6	460	Hartford.....	36,167	14,635	40.5	19,898	55.0	1,488	4.1	81	36,648	13,055	35.6	19,196	52.4	4,215	11.3	146	Meriden town.....	11,475	4,594	39.3	6,309	55.0	611	5.3	34	11,597	4,089	35.3	6,261	54.0	1,185	10.2	43	New Britain.....	9,714	3,585	36.9	5,429	55.9	541	5.6	50	9,559	3,635	38.0	5,424	56.8	1,200	12.2	40	New Britain.....	16,313	7,052	42.7	7,817	53.4	564	3.4	28	14,114	4,826	34.2	8,068	57.2	1,138	8.1	47	New Haven.....	47,604	18,823	39.5	26,417	55.4	2,178	4.6	134	47,998	16,649	34.7	25,510	53.1	5,566	11.6	188	Norwich town.....	9,785	3,770	38.5	5,429	55.5	586	6.0	26	10,888	4,148	38.1	5,350	48.2	1,329	12.2	40	Stamford town.....	10,446	4,091	39.2	5,824	55.8	461	4.4	24	10,335	3,586	34.2	5,618	54.4	1,110	10.8	56	Stamford city.....	8,845	4,489	50.9	5,076	57.7	559	6.0	21	8,339	3,063	36.8	4,480	54.6	947	10.2	56	Waterbury.....	29,857	11,913	40.2	14,174	52.8	987	3.7	48	24,225	8,670	35.8	13,272	54.8	2,198	9.1	59	<b>Delaware</b>																	Wilmington.....	32,425	12,755	39.3	17,966	54.9	1,590	4.9	74	31,664	10,252	32.3	17,368	54.9	2,886	9.1	113	<b>Florida</b>																	Jacksonville.....	22,501	8,464	37.6	12,277	54.6	1,109	4.9	148	21,519	5,345	24.8	12,683	58.9	3,128	14.5	226	Tampa.....	13,824	5,713	41.3	7,408	53.6	564	4.1	87	12,469	2,903	23.4	7,909	60.5	1,788	14.4	158	<b>Georgia</b>																	Atlanta.....	53,119	20,953	38.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311	Augusta.....	14,129	5,825	41.2	7,847	55.5	795	5.6	45	16,533	4,908	29.7	8,205	49.6	3,221	19.5	120	Macon.....	13,949	5,066	36.3	7,498	53.7	845	6.1	40	15,350	4,427	28.9	8,315	54.3	2,600	15.0	102	Savannah.....	22,817	8,477	37.2	12,059	56.8	1,214	5.3	89	25,071	7,009	28.0	13,568	53.9	4,229	17.1	201	<b>Illinois</b>																	Aurora.....	11,905	4,571	40.1	6,239	52.7	452	3.8	41	10,012	3,435	34.3	6,152	66.4	1,245	11.4	62	Bloomington.....	9,947	3,326	33.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83	Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,788	26.5	6,360	60.6	1,175	11.2	61	Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,309	11.7	95	East St. Louis.....	24,398	9,350	40.8	13,561	54.4	930	3.9	176	23,266	6,458	24.9	11,792	64.5	1,738	8.8	142	Elgin.....	9,263	3,348	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130	Joliet.....	13,549	5,127	42.5	7,113	52.8	414	3.1	70	11,904	3,737	31.2	6,419	53.9	1,106	9.8	63	Peoria.....	26,574	11,110	41.8	15,081	51.1	1,314	4.4	80	24,761	8,185	33.0	12,301	53.7	2,850	11.4	246	Quincy.....	13,496	5,219	39.5	7,320	54.2	704	5.2	89	14,024	4,229	30.4	7,431	51.9	1,700	11.9	97	Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	6,192	58.5	1,672	10.2	120	Springfield.....	18,652	6,988	37.5	10,356	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,250	11.5	291	<b>Indiana</b>																	Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234	Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226	Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290	South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208	Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317	<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																					
<b>California</b>																	Berkeley.....	14,941	6,059	40.6	8,223	55.2	501	3.4	84	16,318	5,535	33.9	7,959	48.8	2,246	13.8	253	Oakland.....	61,380	24,901	40.6	32,781	53.4	2,588	4.2	676	55,066	15,423	28.0	31,310	56.9	7,664	13.6	862	Pasadena.....	10,659	3,856	35.6	6,387	59.9	569	5.6	55	13,484	4,598	34.1	6,642	49.3	2,101	15.6	121	Sacramento.....	21,033	10,086	48.0	9,654	45.9	882	4.2	305	15,207	4,283	28.2	8,412	56.6	2,013	13.2	287	San Diego.....	45,700	6,716	14.7	37,312	81.9	5,672	12.4	224	44,984	4,260	9.5	38,317	85.2	2,158	4.8	302	San Jose.....	11,180	4,328	38.7	6,122	54.8	579	5.2	103	11,351	3,491	30.8	5,965	52.6	1,705	15.0	157	<b>Colorado</b>																	Colorado Springs.....	10,670	3,719	34.9	6,249	58.6	531	5.0	124	11,649	3,722	32.0	6,201	53.2	1,559	13.4	148	Denver.....	82,690	32,045	38.8	45,541	55.1	3,482	4.2	922	81,308	25,617	31.0	45,732	56.2	10,293	12.7	1,837	Fort Collins.....	19,010	5,569	45.1	9,249	48.7	874	4.6	177	13,814	3,353	23.7	8,550	61.9	1,471	10.6	179	<b>Connecticut</b>																	Bridgeport.....	38,690	15,866	40.5	21,280	55.0	1,552	4.0	97	33,598	11,448	32.2	20,178	56.7	3,782	10.6	460	Hartford.....	36,167	14,635	40.5	19,898	55.0	1,488	4.1	81	36,648	13,055	35.6	19,196	52.4	4,215	11.3	146	Meriden town.....	11,475	4,594	39.3	6,309	55.0	611	5.3	34	11,597	4,089	35.3	6,261	54.0	1,185	10.2	43	New Britain.....	9,714	3,585	36.9	5,429	55.9	541	5.6	50	9,559	3,635	38.0	5,424	56.8	1,200	12.2	40	New Britain.....	16,313	7,052	42.7	7,817	53.4	564	3.4	28	14,114	4,826	34.2	8,068	57.2	1,138	8.1	47	New Haven.....	47,604	18,823	39.5	26,417	55.4	2,178	4.6	134	47,998	16,649	34.7	25,510	53.1	5,566	11.6	188	Norwich town.....	9,785	3,770	38.5	5,429	55.5	586	6.0	26	10,888	4,148	38.1	5,350	48.2	1,329	12.2	40	Stamford town.....	10,446	4,091	39.2	5,824	55.8	461	4.4	24	10,335	3,586	34.2	5,618	54.4	1,110	10.8	56	Stamford city.....	8,845	4,489	50.9	5,076	57.7	559	6.0	21	8,339	3,063	36.8	4,480	54.6	947	10.2	56	Waterbury.....	29,857	11,913	40.2	14,174	52.8	987	3.7	48	24,225	8,670	35.8	13,272	54.8	2,198	9.1	59	<b>Delaware</b>																	Wilmington.....	32,425	12,755	39.3	17,966	54.9	1,590	4.9	74	31,664	10,252	32.3	17,368	54.9	2,886	9.1	113	<b>Florida</b>																	Jacksonville.....	22,501	8,464	37.6	12,277	54.6	1,109	4.9	148	21,519	5,345	24.8	12,683	58.9	3,128	14.5	226	Tampa.....	13,824	5,713	41.3	7,408	53.6	564	4.1	87	12,469	2,903	23.4	7,909	60.5	1,788	14.4	158	<b>Georgia</b>																	Atlanta.....	53,119	20,953	38.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311	Augusta.....	14,129	5,825	41.2	7,847	55.5	795	5.6	45	16,533	4,908	29.7	8,205	49.6	3,221	19.5	120	Macon.....	13,949	5,066	36.3	7,498	53.7	845	6.1	40	15,350	4,427	28.9	8,315	54.3	2,600	15.0	102	Savannah.....	22,817	8,477	37.2	12,059	56.8	1,214	5.3	89	25,071	7,009	28.0	13,568	53.9	4,229	17.1	201	<b>Illinois</b>																	Aurora.....	11,905	4,571	40.1	6,239	52.7	452	3.8	41	10,012	3,435	34.3	6,152	66.4	1,245	11.4	62	Bloomington.....	9,947	3,326	33.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83	Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,788	26.5	6,360	60.6	1,175	11.2	61	Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,309	11.7	95	East St. Louis.....	24,398	9,350	40.8	13,561	54.4	930	3.9	176	23,266	6,458	24.9	11,792	64.5	1,738	8.8	142	Elgin.....	9,263	3,348	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130	Joliet.....	13,549	5,127	42.5	7,113	52.8	414	3.1	70	11,904	3,737	31.2	6,419	53.9	1,106	9.8	63	Peoria.....	26,574	11,110	41.8	15,081	51.1	1,314	4.4	80	24,761	8,185	33.0	12,301	53.7	2,850	11.4	246	Quincy.....	13,496	5,219	39.5	7,320	54.2	704	5.2	89	14,024	4,229	30.4	7,431	51.9	1,700	11.9	97	Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	6,192	58.5	1,672	10.2	120	Springfield.....	18,652	6,988	37.5	10,356	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,250	11.5	291	<b>Indiana</b>																	Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234	Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226	Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290	South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208	Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317	<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																						
Berkeley.....	14,941	6,059	40.6	8,223	55.2	501	3.4	84	16,318	5,535	33.9	7,959	48.8	2,246	13.8	253																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Oakland.....	61,380	24,901	40.6	32,781	53.4	2,588	4.2	676	55,066	15,423	28.0	31,310	56.9	7,664	13.6	862																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Pasadena.....	10,659	3,856	35.6	6,387	59.9	569	5.6	55	13,484	4,598	34.1	6,642	49.3	2,101	15.6	121																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Sacramento.....	21,033	10,086	48.0	9,654	45.9	882	4.2	305	15,207	4,283	28.2	8,412	56.6	2,013	13.2	287																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
San Diego.....	45,700	6,716	14.7	37,312	81.9	5,672	12.4	224	44,984	4,260	9.5	38,317	85.2	2,158	4.8	302																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
San Jose.....	11,180	4,328	38.7	6,122	54.8	579	5.2	103	11,351	3,491	30.8	5,965	52.6	1,705	15.0	157																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Colorado</b>																	Colorado Springs.....	10,670	3,719	34.9	6,249	58.6	531	5.0	124	11,649	3,722	32.0	6,201	53.2	1,559	13.4	148	Denver.....	82,690	32,045	38.8	45,541	55.1	3,482	4.2	922	81,308	25,617	31.0	45,732	56.2	10,293	12.7	1,837	Fort Collins.....	19,010	5,569	45.1	9,249	48.7	874	4.6	177	13,814	3,353	23.7	8,550	61.9	1,471	10.6	179	<b>Connecticut</b>																	Bridgeport.....	38,690	15,866	40.5	21,280	55.0	1,552	4.0	97	33,598	11,448	32.2	20,178	56.7	3,782	10.6	460	Hartford.....	36,167	14,635	40.5	19,898	55.0	1,488	4.1	81	36,648	13,055	35.6	19,196	52.4	4,215	11.3	146	Meriden town.....	11,475	4,594	39.3	6,309	55.0	611	5.3	34	11,597	4,089	35.3	6,261	54.0	1,185	10.2	43	New Britain.....	9,714	3,585	36.9	5,429	55.9	541	5.6	50	9,559	3,635	38.0	5,424	56.8	1,200	12.2	40	New Britain.....	16,313	7,052	42.7	7,817	53.4	564	3.4	28	14,114	4,826	34.2	8,068	57.2	1,138	8.1	47	New Haven.....	47,604	18,823	39.5	26,417	55.4	2,178	4.6	134	47,998	16,649	34.7	25,510	53.1	5,566	11.6	188	Norwich town.....	9,785	3,770	38.5	5,429	55.5	586	6.0	26	10,888	4,148	38.1	5,350	48.2	1,329	12.2	40	Stamford town.....	10,446	4,091	39.2	5,824	55.8	461	4.4	24	10,335	3,586	34.2	5,618	54.4	1,110	10.8	56	Stamford city.....	8,845	4,489	50.9	5,076	57.7	559	6.0	21	8,339	3,063	36.8	4,480	54.6	947	10.2	56	Waterbury.....	29,857	11,913	40.2	14,174	52.8	987	3.7	48	24,225	8,670	35.8	13,272	54.8	2,198	9.1	59	<b>Delaware</b>																	Wilmington.....	32,425	12,755	39.3	17,966	54.9	1,590	4.9	74	31,664	10,252	32.3	17,368	54.9	2,886	9.1	113	<b>Florida</b>																	Jacksonville.....	22,501	8,464	37.6	12,277	54.6	1,109	4.9	148	21,519	5,345	24.8	12,683	58.9	3,128	14.5	226	Tampa.....	13,824	5,713	41.3	7,408	53.6	564	4.1	87	12,469	2,903	23.4	7,909	60.5	1,788	14.4	158	<b>Georgia</b>																	Atlanta.....	53,119	20,953	38.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311	Augusta.....	14,129	5,825	41.2	7,847	55.5	795	5.6	45	16,533	4,908	29.7	8,205	49.6	3,221	19.5	120	Macon.....	13,949	5,066	36.3	7,498	53.7	845	6.1	40	15,350	4,427	28.9	8,315	54.3	2,600	15.0	102	Savannah.....	22,817	8,477	37.2	12,059	56.8	1,214	5.3	89	25,071	7,009	28.0	13,568	53.9	4,229	17.1	201	<b>Illinois</b>																	Aurora.....	11,905	4,571	40.1	6,239	52.7	452	3.8	41	10,012	3,435	34.3	6,152	66.4	1,245	11.4	62	Bloomington.....	9,947	3,326	33.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83	Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,788	26.5	6,360	60.6	1,175	11.2	61	Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,309	11.7	95	East St. Louis.....	24,398	9,350	40.8	13,561	54.4	930	3.9	176	23,266	6,458	24.9	11,792	64.5	1,738	8.8	142	Elgin.....	9,263	3,348	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130	Joliet.....	13,549	5,127	42.5	7,113	52.8	414	3.1	70	11,904	3,737	31.2	6,419	53.9	1,106	9.8	63	Peoria.....	26,574	11,110	41.8	15,081	51.1	1,314	4.4	80	24,761	8,185	33.0	12,301	53.7	2,850	11.4	246	Quincy.....	13,496	5,219	39.5	7,320	54.2	704	5.2	89	14,024	4,229	30.4	7,431	51.9	1,700	11.9	97	Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	6,192	58.5	1,672	10.2	120	Springfield.....	18,652	6,988	37.5	10,356	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,250	11.5	291	<b>Indiana</b>																	Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234	Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226	Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290	South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208	Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317	<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																													
Colorado Springs.....	10,670	3,719	34.9	6,249	58.6	531	5.0	124	11,649	3,722	32.0	6,201	53.2	1,559	13.4	148																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Denver.....	82,690	32,045	38.8	45,541	55.1	3,482	4.2	922	81,308	25,617	31.0	45,732	56.2	10,293	12.7	1,837																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Fort Collins.....	19,010	5,569	45.1	9,249	48.7	874	4.6	177	13,814	3,353	23.7	8,550	61.9	1,471	10.6	179																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Connecticut</b>																	Bridgeport.....	38,690	15,866	40.5	21,280	55.0	1,552	4.0	97	33,598	11,448	32.2	20,178	56.7	3,782	10.6	460	Hartford.....	36,167	14,635	40.5	19,898	55.0	1,488	4.1	81	36,648	13,055	35.6	19,196	52.4	4,215	11.3	146	Meriden town.....	11,475	4,594	39.3	6,309	55.0	611	5.3	34	11,597	4,089	35.3	6,261	54.0	1,185	10.2	43	New Britain.....	9,714	3,585	36.9	5,429	55.9	541	5.6	50	9,559	3,635	38.0	5,424	56.8	1,200	12.2	40	New Britain.....	16,313	7,052	42.7	7,817	53.4	564	3.4	28	14,114	4,826	34.2	8,068	57.2	1,138	8.1	47	New Haven.....	47,604	18,823	39.5	26,417	55.4	2,178	4.6	134	47,998	16,649	34.7	25,510	53.1	5,566	11.6	188	Norwich town.....	9,785	3,770	38.5	5,429	55.5	586	6.0	26	10,888	4,148	38.1	5,350	48.2	1,329	12.2	40	Stamford town.....	10,446	4,091	39.2	5,824	55.8	461	4.4	24	10,335	3,586	34.2	5,618	54.4	1,110	10.8	56	Stamford city.....	8,845	4,489	50.9	5,076	57.7	559	6.0	21	8,339	3,063	36.8	4,480	54.6	947	10.2	56	Waterbury.....	29,857	11,913	40.2	14,174	52.8	987	3.7	48	24,225	8,670	35.8	13,272	54.8	2,198	9.1	59	<b>Delaware</b>																	Wilmington.....	32,425	12,755	39.3	17,966	54.9	1,590	4.9	74	31,664	10,252	32.3	17,368	54.9	2,886	9.1	113	<b>Florida</b>																	Jacksonville.....	22,501	8,464	37.6	12,277	54.6	1,109	4.9	148	21,519	5,345	24.8	12,683	58.9	3,128	14.5	226	Tampa.....	13,824	5,713	41.3	7,408	53.6	564	4.1	87	12,469	2,903	23.4	7,909	60.5	1,788	14.4	158	<b>Georgia</b>																	Atlanta.....	53,119	20,953	38.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311	Augusta.....	14,129	5,825	41.2	7,847	55.5	795	5.6	45	16,533	4,908	29.7	8,205	49.6	3,221	19.5	120	Macon.....	13,949	5,066	36.3	7,498	53.7	845	6.1	40	15,350	4,427	28.9	8,315	54.3	2,600	15.0	102	Savannah.....	22,817	8,477	37.2	12,059	56.8	1,214	5.3	89	25,071	7,009	28.0	13,568	53.9	4,229	17.1	201	<b>Illinois</b>																	Aurora.....	11,905	4,571	40.1	6,239	52.7	452	3.8	41	10,012	3,435	34.3	6,152	66.4	1,245	11.4	62	Bloomington.....	9,947	3,326	33.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83	Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,788	26.5	6,360	60.6	1,175	11.2	61	Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,309	11.7	95	East St. Louis.....	24,398	9,350	40.8	13,561	54.4	930	3.9	176	23,266	6,458	24.9	11,792	64.5	1,738	8.8	142	Elgin.....	9,263	3,348	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130	Joliet.....	13,549	5,127	42.5	7,113	52.8	414	3.1	70	11,904	3,737	31.2	6,419	53.9	1,106	9.8	63	Peoria.....	26,574	11,110	41.8	15,081	51.1	1,314	4.4	80	24,761	8,185	33.0	12,301	53.7	2,850	11.4	246	Quincy.....	13,496	5,219	39.5	7,320	54.2	704	5.2	89	14,024	4,229	30.4	7,431	51.9	1,700	11.9	97	Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	6,192	58.5	1,672	10.2	120	Springfield.....	18,652	6,988	37.5	10,356	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,250	11.5	291	<b>Indiana</b>																	Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234	Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226	Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290	South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208	Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317	<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																																																																																																	
Bridgeport.....	38,690	15,866	40.5	21,280	55.0	1,552	4.0	97	33,598	11,448	32.2	20,178	56.7	3,782	10.6	460																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Hartford.....	36,167	14,635	40.5	19,898	55.0	1,488	4.1	81	36,648	13,055	35.6	19,196	52.4	4,215	11.3	146																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Meriden town.....	11,475	4,594	39.3	6,309	55.0	611	5.3	34	11,597	4,089	35.3	6,261	54.0	1,185	10.2	43																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
New Britain.....	9,714	3,585	36.9	5,429	55.9	541	5.6	50	9,559	3,635	38.0	5,424	56.8	1,200	12.2	40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
New Britain.....	16,313	7,052	42.7	7,817	53.4	564	3.4	28	14,114	4,826	34.2	8,068	57.2	1,138	8.1	47																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
New Haven.....	47,604	18,823	39.5	26,417	55.4	2,178	4.6	134	47,998	16,649	34.7	25,510	53.1	5,566	11.6	188																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Norwich town.....	9,785	3,770	38.5	5,429	55.5	586	6.0	26	10,888	4,148	38.1	5,350	48.2	1,329	12.2	40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Stamford town.....	10,446	4,091	39.2	5,824	55.8	461	4.4	24	10,335	3,586	34.2	5,618	54.4	1,110	10.8	56																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Stamford city.....	8,845	4,489	50.9	5,076	57.7	559	6.0	21	8,339	3,063	36.8	4,480	54.6	947	10.2	56																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Waterbury.....	29,857	11,913	40.2	14,174	52.8	987	3.7	48	24,225	8,670	35.8	13,272	54.8	2,198	9.1	59																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Delaware</b>																	Wilmington.....	32,425	12,755	39.3	17,966	54.9	1,590	4.9	74	31,664	10,252	32.3	17,368	54.9	2,886	9.1	113	<b>Florida</b>																	Jacksonville.....	22,501	8,464	37.6	12,277	54.6	1,109	4.9	148	21,519	5,345	24.8	12,683	58.9	3,128	14.5	226	Tampa.....	13,824	5,713	41.3	7,408	53.6	564	4.1	87	12,469	2,903	23.4	7,909	60.5	1,788	14.4	158	<b>Georgia</b>																	Atlanta.....	53,119	20,953	38.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311	Augusta.....	14,129	5,825	41.2	7,847	55.5	795	5.6	45	16,533	4,908	29.7	8,205	49.6	3,221	19.5	120	Macon.....	13,949	5,066	36.3	7,498	53.7	845	6.1	40	15,350	4,427	28.9	8,315	54.3	2,600	15.0	102	Savannah.....	22,817	8,477	37.2	12,059	56.8	1,214	5.3	89	25,071	7,009	28.0	13,568	53.9	4,229	17.1	201	<b>Illinois</b>																	Aurora.....	11,905	4,571	40.1	6,239	52.7	452	3.8	41	10,012	3,435	34.3	6,152	66.4	1,245	11.4	62	Bloomington.....	9,947	3,326	33.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83	Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,788	26.5	6,360	60.6	1,175	11.2	61	Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,309	11.7	95	East St. Louis.....	24,398	9,350	40.8	13,561	54.4	930	3.9	176	23,266	6,458	24.9	11,792	64.5	1,738	8.8	142	Elgin.....	9,263	3,348	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130	Joliet.....	13,549	5,127	42.5	7,113	52.8	414	3.1	70	11,904	3,737	31.2	6,419	53.9	1,106	9.8	63	Peoria.....	26,574	11,110	41.8	15,081	51.1	1,314	4.4	80	24,761	8,185	33.0	12,301	53.7	2,850	11.4	246	Quincy.....	13,496	5,219	39.5	7,320	54.2	704	5.2	89	14,024	4,229	30.4	7,431	51.9	1,700	11.9	97	Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	6,192	58.5	1,672	10.2	120	Springfield.....	18,652	6,988	37.5	10,356	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,250	11.5	291	<b>Indiana</b>																	Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234	Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226	Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290	South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208	Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317	<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Wilmington.....	32,425	12,755	39.3	17,966	54.9	1,590	4.9	74	31,664	10,252	32.3	17,368	54.9	2,886	9.1	113																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Florida</b>																	Jacksonville.....	22,501	8,464	37.6	12,277	54.6	1,109	4.9	148	21,519	5,345	24.8	12,683	58.9	3,128	14.5	226	Tampa.....	13,824	5,713	41.3	7,408	53.6	564	4.1	87	12,469	2,903	23.4	7,909	60.5	1,788	14.4	158	<b>Georgia</b>																	Atlanta.....	53,119	20,953	38.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311	Augusta.....	14,129	5,825	41.2	7,847	55.5	795	5.6	45	16,533	4,908	29.7	8,205	49.6	3,221	19.5	120	Macon.....	13,949	5,066	36.3	7,498	53.7	845	6.1	40	15,350	4,427	28.9	8,315	54.3	2,600	15.0	102	Savannah.....	22,817	8,477	37.2	12,059	56.8	1,214	5.3	89	25,071	7,009	28.0	13,568	53.9	4,229	17.1	201	<b>Illinois</b>																	Aurora.....	11,905	4,571	40.1	6,239	52.7	452	3.8	41	10,012	3,435	34.3	6,152	66.4	1,245	11.4	62	Bloomington.....	9,947	3,326	33.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83	Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,788	26.5	6,360	60.6	1,175	11.2	61	Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,309	11.7	95	East St. Louis.....	24,398	9,350	40.8	13,561	54.4	930	3.9	176	23,266	6,458	24.9	11,792	64.5	1,738	8.8	142	Elgin.....	9,263	3,348	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130	Joliet.....	13,549	5,127	42.5	7,113	52.8	414	3.1	70	11,904	3,737	31.2	6,419	53.9	1,106	9.8	63	Peoria.....	26,574	11,110	41.8	15,081	51.1	1,314	4.4	80	24,761	8,185	33.0	12,301	53.7	2,850	11.4	246	Quincy.....	13,496	5,219	39.5	7,320	54.2	704	5.2	89	14,024	4,229	30.4	7,431	51.9	1,700	11.9	97	Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	6,192	58.5	1,672	10.2	120	Springfield.....	18,652	6,988	37.5	10,356	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,250	11.5	291	<b>Indiana</b>																	Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234	Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226	Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290	South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208	Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317	<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Jacksonville.....	22,501	8,464	37.6	12,277	54.6	1,109	4.9	148	21,519	5,345	24.8	12,683	58.9	3,128	14.5	226																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Tampa.....	13,824	5,713	41.3	7,408	53.6	564	4.1	87	12,469	2,903	23.4	7,909	60.5	1,788	14.4	158																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Georgia</b>																	Atlanta.....	53,119	20,953	38.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311	Augusta.....	14,129	5,825	41.2	7,847	55.5	795	5.6	45	16,533	4,908	29.7	8,205	49.6	3,221	19.5	120	Macon.....	13,949	5,066	36.3	7,498	53.7	845	6.1	40	15,350	4,427	28.9	8,315	54.3	2,600	15.0	102	Savannah.....	22,817	8,477	37.2	12,059	56.8	1,214	5.3	89	25,071	7,009	28.0	13,568	53.9	4,229	17.1	201	<b>Illinois</b>																	Aurora.....	11,905	4,571	40.1	6,239	52.7	452	3.8	41	10,012	3,435	34.3	6,152	66.4	1,245	11.4	62	Bloomington.....	9,947	3,326	33.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83	Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,788	26.5	6,360	60.6	1,175	11.2	61	Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,309	11.7	95	East St. Louis.....	24,398	9,350	40.8	13,561	54.4	930	3.9	176	23,266	6,458	24.9	11,792	64.5	1,738	8.8	142	Elgin.....	9,263	3,348	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130	Joliet.....	13,549	5,127	42.5	7,113	52.8	414	3.1	70	11,904	3,737	31.2	6,419	53.9	1,106	9.8	63	Peoria.....	26,574	11,110	41.8	15,081	51.1	1,314	4.4	80	24,761	8,185	33.0	12,301	53.7	2,850	11.4	246	Quincy.....	13,496	5,219	39.5	7,320	54.2	704	5.2	89	14,024	4,229	30.4	7,431	51.9	1,700	11.9	97	Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	6,192	58.5	1,672	10.2	120	Springfield.....	18,652	6,988	37.5	10,356	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,250	11.5	291	<b>Indiana</b>																	Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234	Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226	Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290	South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208	Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317	<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Atlanta.....	53,119	20,953	38.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Augusta.....	14,129	5,825	41.2	7,847	55.5	795	5.6	45	16,533	4,908	29.7	8,205	49.6	3,221	19.5	120																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Macon.....	13,949	5,066	36.3	7,498	53.7	845	6.1	40	15,350	4,427	28.9	8,315	54.3	2,600	15.0	102																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Savannah.....	22,817	8,477	37.2	12,059	56.8	1,214	5.3	89	25,071	7,009	28.0	13,568	53.9	4,229	17.1	201																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Illinois</b>																	Aurora.....	11,905	4,571	40.1	6,239	52.7	452	3.8	41	10,012	3,435	34.3	6,152	66.4	1,245	11.4	62	Bloomington.....	9,947	3,326	33.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83	Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,788	26.5	6,360	60.6	1,175	11.2	61	Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,309	11.7	95	East St. Louis.....	24,398	9,350	40.8	13,561	54.4	930	3.9	176	23,266	6,458	24.9	11,792	64.5	1,738	8.8	142	Elgin.....	9,263	3,348	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130	Joliet.....	13,549	5,127	42.5	7,113	52.8	414	3.1	70	11,904	3,737	31.2	6,419	53.9	1,106	9.8	63	Peoria.....	26,574	11,110	41.8	15,081	51.1	1,314	4.4	80	24,761	8,185	33.0	12,301	53.7	2,850	11.4	246	Quincy.....	13,496	5,219	39.5	7,320	54.2	704	5.2	89	14,024	4,229	30.4	7,431	51.9	1,700	11.9	97	Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	6,192	58.5	1,672	10.2	120	Springfield.....	18,652	6,988	37.5	10,356	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,250	11.5	291	<b>Indiana</b>																	Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234	Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226	Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290	South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208	Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317	<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Aurora.....	11,905	4,571	40.1	6,239	52.7	452	3.8	41	10,012	3,435	34.3	6,152	66.4	1,245	11.4	62																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Bloomington.....	9,947	3,326	33.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,319	12.7	83																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Danville.....	9,966	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,788	26.5	6,360	60.6	1,175	11.2	61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Decatur.....	11,425	4,031	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,783	58.1	1,309	11.7	95																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
East St. Louis.....	24,398	9,350	40.8	13,561	54.4	930	3.9	176	23,266	6,458	24.9	11,792	64.5	1,738	8.8	142																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Elgin.....	9,263	3,348	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	130																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Joliet.....	13,549	5,127	42.5	7,113	52.8	414	3.1	70	11,904	3,737	31.2	6,419	53.9	1,106	9.8	63																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Peoria.....	26,574	11,110	41.8	15,081	51.1	1,314	4.4	80	24,761	8,185	33.0	12,301	53.7	2,850	11.4	246																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Quincy.....	13,496	5,219	39.5	7,320	54.2	704	5.2	89	14,024	4,229	30.4	7,431	51.9	1,700	11.9	97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Rockford.....	17,642	7,386	41.9	9,493	53.8	644	3.7	97	16,467	5,462	33.2	6,192	58.5	1,672	10.2	120																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Springfield.....	18,652	6,988	37.5	10,356	56.5	851	4.6	161	19,351	6,271	32.4	10,580	54.7	2,250	11.5	291																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Indiana</b>																	Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234	Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226	Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290	South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208	Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317	<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,293	8,382	31.9	14,227	54.5	3,321	12.6	234																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	269	21,217	8,550	35.3	12,923	63.3	2,454	10.6	226																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Indianapolis.....	88,890	31,184	35.1	42,299	58.8	4,263	4.8	873	90,417	25,362	28.1	51,901	57.3	11,904	13.2	1,290																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
South Bend.....	19,746	7,062	35.8	11,735	59.4	681	3.3	158	18,104	4,922	27.6	11,066	60.8	1,787	9.8	208																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.8	12,291	57.4	2,927	11.8	317																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Iowa</b>																	Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125	Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113	Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94	Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147	Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356	Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81	Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144	Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113	<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Clinton.....	9,827	4,178	42.5	5,111	52.0	423	4.3	79	9,285	3,139	33.8	4,986	53.7	1,038	11.2	113																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Council Bluffs.....	11,146	4,223	40.6	6,594	58.8	517	4.6	76	10,174	3,031	30.0	5,946	58.4	1,057	10.6	94																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Davenport.....	16,604	6,158	37.1	8,715	54.5	738	4.7	109	16,225	5,139	33.5	8,743	53.9	1,863	11.5	147																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Des Moines.....	32,068	11,364	35.4	18,669	58.8	1,258	3.9	114	31,111	9,658	30.0	18,097	58.0	3,189	9.9	356																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Marion.....	14,111	6,310	44.8	7,007	49.7	715	5.1	85	14,659	5,007	34.2	8,092	47.8	1,787	10.7	81																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	4,677	33.8	8,037	55.7	1,458	9.0	144																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Waterloo.....	10,491	4,131	39.4	5,508	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Kansas</b>																	Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244	Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220	Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300	<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Kansas City.....	31,428	11,128	35.4	18,269	58.2	1,383	4.4	243	27,879	8,853	24.5	17,672	63.4	3,059	11.0	244																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Topeka.....	36,468	7,743	34.9	9,951	55.6	836	5.7	157	18,781	4,908	26.3	9,641	57.3	2,012	12.9	220																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Wichita.....	20,758	5,561	34.6	11,920	54.4	884	4.3	280	19,049	5,415	27.3	11,612	61.0	1,878	9.9	300																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>Kentucky</b>																	Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174	Lexington.....	12,887	5,105	41.2	6,810	52.8	662	5.4	79	14,441	4,822	33.4	7,073	49.0	2,353	16.3	147	Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314	Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Louisville.....	59,565	32,947	49.9	42,307	58.4	4,318	5.4	796	87,067	29,650	34.0	42,892	49.3	13,189	15.1	1,314																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Newport.....	10,608	4,174	39.3	5,870	55.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									



MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910—Continued.

CITY.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.								
	Single.		Married.		Widowed.		Divorced.	Single.		Married.		Widowed.		Divorced.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		
<b>Ohio</b>															
Akron.....	28,621	10,756	38.4	16,050	57.3	993	3.5	178	23,895	6,673	27.9	14,634	61.2	2,940	9.8
Canton.....	19,909	7,796	39.2	11,270	56.6	679	3.4	108	17,693	5,273	29.8	10,357	59.6	1,734	9.8
Columbus.....	70,787	27,888	39.4	39,240	55.4	2,614	4.1	646	69,453	21,859	31.5	38,357	55.1	8,351	12.0
Dayton.....	48,823	18,348	37.6	29,840	61.2	1,630	4.3	364	43,462	12,639	29.1	29,245	68.1	5,189	13.8
Hamilton.....	12,903	5,070	39.0	7,223	55.6	594	4.6	86	12,333	3,837	30.6	7,691	56.6	1,473	11.9
Lima.....	11,053	3,588	32.1	6,612	59.8	468	4.1	61	11,202	3,272	29.2	6,645	59.3	1,146	10.2
London.....	11,709	4,377	37.4	7,050	60.2	246	2.1	30	7,478	1,698	21.3	6,751	72.1	492	5.7
Newark.....	9,816	3,512	35.8	5,813	59.2	418	4.3	61	9,340	2,603	27.9	5,440	58.5	1,162	12.4
Springfield.....	15,629	6,304	38.1	10,242	65.8	968	5.0	93	17,401	5,040	29.0	10,160	58.4	1,824	10.9
Union.....	62,129	22,568	36.3	36,583	58.9	2,764	4.4	394	61,403	18,386	30.8	35,569	57.9	6,425	10.5
Youngstown.....	32,672	13,334	40.8	18,003	55.3	948	2.9	95	25,443	7,073	28.9	15,007	61.1	2,175	8.9
Zanesville.....	10,197	3,621	35.5	6,048	59.3	435	4.3	61	11,000	3,480	31.5	6,094	55.4	1,334	12.1
<b>Oklahoma</b>															
Muskogee.....	10,136	4,641	39.9	5,412	53.4	326	5.2	66	8,577	2,122	24.7	5,435	63.4	878	10.2
Oklahoma City.....	28,304	12,964	45.7	14,426	51.0	1,120	4.0	265	20,874	5,133	24.6	13,486	64.6	1,921	9.2
<b>Oregon</b>															
Portland.....	99,231	51,880	51.8	42,271	42.6	6,797	3.8	1,293	68,974	21,508	31.7	38,887	56.5	9,640	14.0
<b>Pennsylvania</b>															
Allentown.....	17,991	5,765	32.0	11,295	62.8	842	4.7	67	19,688	6,232	31.7	11,303	57.4	2,044	10.4
Altoona.....	15,639	6,946	36.7	10,993	59.0	715	3.8	48	18,255	5,704	32.2	10,674	58.5	1,773	9.7
Chester.....	14,674	5,826	39.8	7,628	54.7	640	4.4	47	12,540	4,445	33.0	7,463	53.0	1,430	10.6
Easton.....	10,291	3,638	35.4	6,063	58.8	549	5.3	49	11,209	3,653	32.4	6,118	54.6	1,397	12.5
Erie.....	23,701	8,789	37.0	13,541	57.1	1,110	4.7	96	23,169	7,311	31.6	13,094	56.6	2,540	11.0
Harrisburg.....	22,421	8,944	34.3	14,155	60.4	1,112	4.7	123	25,157	7,872	31.4	14,117	56.1	2,960	11.9
Hazleton.....	8,238	3,290	39.9	4,678	56.8	247	3.0	15	8,196	2,320	28.6	4,598	56.1	658	8.0
Johnstown.....	22,613	9,246	40.9	12,696	56.1	594	2.6	52	16,292	5,043	31.0	9,831	60.3	1,351	8.3
Lanesburg.....	16,009	5,749	35.9	9,258	58.1	861	5.4	96	19,052	7,054	36.9	9,372	49.2	2,498	13.1
McKeesport.....	16,414	6,278	40.7	8,229	55.3	553	3.6	35	13,162	3,983	30.3	7,943	60.3	1,169	8.9
New Castle.....	13,875	5,169	37.3	8,186	59.0	415	3.0	53	11,923	3,226	27.1	7,439	62.4	1,131	9.5
Northampton borough.....	10,028	4,143	41.3	5,635	56.2	415	4.1	36	11,463	4,570	39.9	5,463	51.3	1,531	13.3
Reading.....	34,411	12,124	35.2	20,492	59.3	1,684	4.9	179	35,551	11,078	31.1	20,357	57.3	3,882	10.9
Seranton.....	44,878	18,471	41.2	24,470	54.5	1,570	3.5	71	43,380	15,338	35.4	23,649	54.5	4,017	9.3
Shenandoah borough.....	9,716	4,379	45.2	4,631	47.9	156	1.6	6	6,481	1,745	26.9	4,274	65.9	449	6.9
Wilkes-Barre.....	29,824	9,826	41.4	12,901	54.4	835	3.7	41	22,893	8,482	37.1	11,099	52.9	2,208	9.6
Williamsport.....	10,930	5,712	34.0	6,606	60.5	571	5.2	27	12,834	4,828	35.3	6,651	61.8	1,576	12.3
York.....	15,970	5,482	34.5	9,501	59.9	784	4.9	96	16,717	5,276	31.6	9,488	56.8	1,906	13.8
<b>Rhode Island</b>															
Newport.....	11,650	6,374	54.7	4,774	41.0	445	3.8	33	9,221	3,395	36.8	4,617	50.1	1,155	12.5
Pawtucket.....	18,071	7,289	40.3	9,779	54.1	920	5.1	82	19,153	7,264	37.9	9,763	51.0	1,989	10.4
Providence.....	80,993	32,644	40.3	43,657	53.9	3,994	4.9	567	84,507	31,677	37.4	42,233	50.0	9,605	11.4
Warwick.....	9,258	3,482	37.6	5,279	57.0	484	5.2	41	9,289	3,688	39.6	5,212	56.1	577	6.2
Woonsocket.....	12,799	5,248	41.0	6,986	54.6	517	4.0	35	13,200	5,276	39.8	6,801	51.3	1,128	8.5
<b>South Carolina</b>															
Charleston.....	19,258	7,593	39.4	10,307	53.5	1,119	5.8	30	23,155	7,602	32.8	10,745	46.4	4,882	19.8
Columbia.....	9,600	3,635	40.1	4,968	54.8	381	4.2	9	10,089	3,263	32.3	5,624	49.8	1,731	17.2
<b>Tennessee</b>															
Chattanooga.....	16,867	6,528	38.7	9,110	54.0	1,036	6.1	121	16,646	4,433	26.6	9,276	55.7	2,694	16.2
Knoxville.....	12,963	5,293	40.8	7,062	54.6	550	4.2	54	13,945	4,611	33.1	7,228	51.9	1,923	13.8
Memphis.....	51,360	29,833	46.2	26,404	51.4	2,928	5.7	326	49,484	18,094	36.5	26,836	54.2	8,346	16.9
Nashville.....	37,325	13,965	37.4	20,933	56.1	2,194	5.9	208	43,240	13,103	30.3	21,473	49.7	8,141	18.8
<b>Texas</b>															
Austin.....	10,339	4,460	39.3	5,364	51.9	661	6.4	91	11,347	3,827	33.7	5,035	48.8	1,668	14.7
Dallas.....	34,924	14,013	40.1	18,638	53.1	1,890	5.4	109	33,811	9,068	26.9	18,848	55.8	5,219	15.4
El Paso.....	13,708	5,256	38.3	7,591	55.4	547	4.0	33	13,426	3,476	25.9	7,850	58.5	1,943	14.5
Fort Worth.....	29,181	11,446	39.2	15,659	53.7	1,309	4.5	289	24,392	5,350	22.7	15,225	62.4	3,078	12.6
Houston.....	14,621	6,478	44.3	7,144	48.9	898	6.5	179	12,820	4,767	39.9	6,929	54.0	1,782	14.5
Houston.....	30,169	11,912	39.5	16,194	53.7	1,650	5.5	258	28,683	7,697	26.6	16,213	56.5	4,295	15.0
San Antonio.....	33,377	12,736	38.3	18,429	55.2	1,626	4.9	321	34,882	10,671	30.9	18,841	54.8	4,983	14.4
Waco.....	8,946	3,292	36.8	5,070	56.7	349	3.9	44	9,584	2,782	29.1	5,297	55.4	1,302	13.6
<b>Utah</b>															
Ogden.....	9,210	3,384	36.7	4,946	53.7	233	2.5	39	8,169	2,348	28.7	4,648	59.3	779	9.5
Salt Lake City.....	33,787	13,805	40.2	18,299	54.2	987	2.9	309	31,503	9,174	29.1	15,100	57.6	3,299	16.5
<b>Virginia</b>															
Lynchburg.....	9,593	4,066	42.4	5,111	53.3	383	4.0	30	11,479	4,361	38.0	5,257	45.8	1,768	15.4
Norfolk.....	10,103	4,245	42.0	5,608	55.5	250	2.5	21	11,550	4,509	39.1	5,900	51.2	1,723	14.9
Portsmouth.....	12,903	6,426	49.7	5,915	45.7	545	4.2	21	11,065	3,259	29.5	5,679	54.1	1,782	16.1
Richmond.....	44,400	18,838	42.4	23,138	52.1	2,173	4.9	142	49,808	18,075	36.3	23,290	46.8	8,123	16.3
Roanoke.....	12,298	5,047	41.2	6,672	54.3	471	3.8	35	12,666	3,975	32.9	6,639	55.0	1,375	11.4
<b>Washington</b>															
Seattle.....	113,337	57,529	51.1	48,132	42.5	3,544	3.1	1,192	77,200	22,740	29.5	45,343	58.7	7,348	9.5
Spokane.....	45,378	20,457	45.1	22,941	50.6	1,254	2.8	395	34,854	10,008	28.7	21,557	61.8	2,768	7.9
Tacoma.....	37,584	17,531	46.6	17,215	45.8	1,209	3.4	316	26,380	7,503	28.4	15,985	60.8	2,301	8.7
<b>West Virginia</b>															
Huntington.....	11,264	4,483	39.5	6,343	56.3	361	3.2	55							



CHAPTER 4.

STATE OF BIRTH OF NATIVE POPULATION.

**Introduction.**—This chapter summarizes the data obtained in answer to the inquiry on the population schedule as to the state or territory of birth of persons born in the United States. This inquiry has been included at each census beginning with that of 1850. The returns are valuable mainly for the light they throw upon the migration of population within the United States.

The term "native population" as ordinarily used by the Bureau of the Census comprises all persons born in the United States, including those born in Alaska, Hawaii, Porto Rico, and other outlying possessions of the United States, persons born at sea under the United States flag, and persons of native parentage born abroad and designated as "American citizens born abroad." The native population living in the United States (excluding persons living in outlying possessions) as above defined, numbered, in 1910, 78,456,380 persons, of whom 78,095,419 were reported as born in some specified state of the United States proper (that is, in the United States exclusive of outlying possessions), 7,365 as born in Alaska, Hawaii, Porto Rico, or other outlying possessions, 1,560 as born at sea under the United States flag, and 66,351 as American citizens born abroad. There remain 285,685 persons for whom the place of birth was either not reported at all or was reported as the United States without specifying the state or territory. These have been classified as born in the United States, state of birth not reported.

The several classes of native population above enumerated are shown by geographic divisions in Table 1.

DIVISION OF RESIDENCE.	Total population: 1910	NATIVE POPULATION.				
		Total.	Born in the United States and with state of birth reported.	Born in outlying possessions or at sea.	American citizens born abroad.	State of birth not reported.
United States.....	91,972,266	78,456,380	75,995,415	8,928	66,351	285,685
New England.....	6,552,661	4,727,571	4,702,088	373	13,786	11,324
Middle Atlantic.....	19,315,892	14,464,719	14,410,383	1,171	14,139	39,024
East North Central.....	18,259,621	15,176,855	15,103,359	457	15,121	57,947
West North Central.....	11,637,921	10,021,226	9,961,467	343	6,466	52,930
South Atlantic.....	12,194,895	11,891,901	11,869,658	545	1,957	22,741
East South Central.....	8,409,903	8,322,076	8,304,162	86	611	17,244
West South Central.....	8,754,534	8,432,342	8,362,481	373	2,792	36,196
Mountain.....	2,633,517	2,180,195	2,158,616	270	3,839	17,450
Pacific.....	4,192,304	3,266,493	3,192,792	3,304	7,590	30,809

Many of the tables in this chapter are confined to the native population reported as born in some one of the states; and when it is believed that the connection

makes the meaning clear, the terms "native" and "native American" are frequently used in the text in a restricted sense to include this class only. The table headings are more precise.

**General extent of migration of native population within the United States.**—Of the 78,095,419 persons reported in 1910 as born in some specified state, 61,185,305 were born in the same state in which they were residing at the time the census was taken, as shown by Table 2. The remainder, 16,910,114, had migrated from the state in which they were born and were living in some other state. The persons who had thus migrated formed 21.7 per cent of the total. This percentage differs but little from those shown by the four previous censuses, which have ranged from 23.2 per cent in 1870 to 20.6 per cent in 1900.

CENSUS YEAR.	POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED.			
	Total.	Born in state of residence.	Born in other states.	
			Number.	Per cent.
1910.....	78,095,419	61,185,305	16,910,114	21.7
1900.....	65,402,767	51,901,722	13,501,045	20.6
1890.....	52,965,719	41,871,611	11,094,108	20.9
1880.....	45,475,498	33,882,734	9,592,764	22.1
1870.....	32,978,660	25,321,840	7,657,320	23.2

<sup>1</sup> Exclusive of outlying possessions.  
<sup>2</sup> Exclusive of population of Indian Territory and Indian reservations, specially enumerated in 1890, with a native population of 325,651, which, however, was not distributed by state of birth. These areas were not enumerated in 1880 or 1870.

The fact that each census from 1870 to 1910 showed that about one-fifth of the native Americans had migrated from the state in which born to other states indicates a rather high degree of mobility on the part of the population, especially when it is remembered that the census distinguishes only those persons who have migrated across state lines and not those who have moved from one locality to another within the same state. There is no doubt that some migration within the same state involves a greater change of environment, and even a longer journey, than some of the migration across state lines. Much of the movement from country to city takes place within the confines of the same state; on the other hand, some of the interstate migration is merely from one border county or city to another just across the state line. Computations made in connection with the census of 1900 indicated that almost one-half of the persons living outside of the state of birth lived in states adjoining the state of birth.

It is obvious that the statistics in Table 2 showing the number of persons living outside of the state of birth at a given census do not represent the total number of persons who have migrated from the state of birth during any given period of time. Some of those who have migrated have died, and the statistics show only those living at the time of enumeration, who may be briefly described as surviving migrants.

**Interdivisional migration.**—Table 3 shows the difference between the total number of native Americans living in each of the nine geographic divisions and the total number born in each division as reported at the census of 1910.

DIVISION.	POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1910		
	Born in the specified division.	Living in the specified division.	Gain (+) or loss (-) by interstate migration (col. 2 - col. 1).
	1	2	3
<b>United States</b> .....	<b>78,095,419</b>	<b>78,095,419</b>	.....
New England.....	4,907,215	4,702,088	-205,127
Middle Atlantic.....	15,342,832	14,410,383	-932,447
East North Central.....	16,479,755	15,103,330	-1,376,425
West North Central.....	9,449,180	9,961,467	+512,287
South Atlantic.....	12,770,824	11,869,638	-901,186
East South Central.....	9,481,023	8,304,102	-1,176,921
West South Central.....	6,735,408	8,392,981	+1,657,573
Mountain.....	1,289,296	2,159,616	+869,320
Pacific.....	1,616,866	3,192,792	+1,575,926

<sup>1</sup> Exclusive of outlying possessions.

The table shows that there were, in 1910, 4,907,215 persons living in the United States (exclusive of outlying possessions) who were reported as born in New England, while the number of native Americans residing in New England was 4,702,088, or 205,127 less. This difference represents the net loss to New England in the balancing of surviving emigrants. To put the matter in another way, if all persons should

return to the division in which they were born, the number of persons coming back to New England would exceed by 205,127 the number of persons leaving New England for other parts of the United States. It is evident that the number of persons reported as born in any division by no means indicates what the native American population of that division would have been had there been no interstate migration on the part of the present generation. If every person now living who was born in New England had remained there, the living children and grandchildren of such persons would have been added to the population of that division; as it is, the children and grandchildren of those who migrated elsewhere appear as natives of other divisions. The converse is true regarding the descendants of persons born in other divisions and now living in New England. Thus while the census makes it possible to measure what may be termed the direct effects of the migration of persons still living, it affords no means of measuring the indirect effects.

All divisions east of the Mississippi have lost more than they have gained as the direct result of the migration of persons still living. The more westerly divisions—the West North Central, West South Central, Mountain, and Pacific—have gained largely by such migration. If all the native Americans in the country should return to the states where they were born, the Pacific division would lose nearly one-half of its native American population.

The preceding table shows only the net effects of migration, the last column representing the difference between the number of persons born in a given division who were living outside of it and the number living in the division who were born outside. These numbers are shown in Table 4.

DIVISION.	POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1910							
	Born in the specified division.			Born in and living in the specified division.	Living in the specified division.			
	Total (col. 1 + col. 2).	Living in other divisions.			Total (col. 4 + col. 6).	Born in other divisions.		Gain (+) or loss (-) through interstate migration (col. 1 - col. 8 - col. 2).
		Number.	Per cent.	Number.		Per cent.		
	1	2	3	4	5	6	7	8
<b>United States</b> .....	<b>78,095,419</b>	<b>11,349,040</b>	<b>14.5</b>	<b>66,746,379</b>	<b>78,095,419</b>	<b>11,349,040</b>	<b>14.5</b>	.....
New England.....	4,907,215	568,735	11.6	4,338,482	4,702,088	385,636	7.7	-205,127
Middle Atlantic.....	15,342,832	1,851,406	12.3	13,491,426	14,410,383	918,957	6.6	-932,447
East North Central.....	16,479,755	3,077,070	18.7	13,402,685	15,103,330	1,700,645	11.3	-1,376,425
West North Central.....	9,449,180	1,840,185	19.5	7,608,995	9,961,467	2,352,472	23.6	+512,287
South Atlantic.....	12,770,824	1,478,110	11.6	11,292,714	11,869,638	576,924	4.9	-901,186
East South Central.....	9,481,023	1,788,684	18.9	7,692,342	8,304,102	611,760	7.4	-1,176,921
West South Central.....	6,735,408	410,956	6.1	6,347,452	8,392,981	2,045,529	24.4	+1,657,573
Mountain.....	1,289,296	188,249	14.6	1,101,046	2,159,616	1,057,610	49.0	+869,320
Pacific.....	1,616,866	115,579	7.1	1,501,287	3,192,792	1,691,505	53.0	+1,575,926

<sup>1</sup> Exclusive of outlying possessions.

Of the 78,095,419 native Americans enumerated in 1910 with state of birth reported, 11,349,040, or 14.5 per cent, were living outside the division in which born. This percentage is lower than the percentage living outside the state in which born (21.7), as shown by Table 2,

for the obvious reason that many persons migrate from one state to another within the same geographic division. They are interstate migrants, but not interdivisional. Table 4 shows that in 1910 of the 4,907,215 persons born in New England 4,338,452 were still living there

while 568,763 were living in other divisions; on the other hand, there were 363,636 persons living in New England who had been born in other divisions. The difference between the two figures last named, 205,127, is the direct loss to New England by interstate migration, as already shown in Table 3. Of the population born in New England, 11.6 per cent had emigrated to other divisions, and of the native American population living in New England 7.7 per cent had immigrated from other divisions. These statements indicate how the table is to be read.

This table also shows that in 1910 a much larger percentage of the native American population of the West North Central, West South Central, Mountain, and Pacific divisions consisted of persons born outside those divisions than in the case of the five more easterly geographic divisions. In the Mountain and Pacific divisions about one-half of the native American population consisted of those born outside; in the South Atlantic division the proportion was only 4.9 per cent.

It is noteworthy that, notwithstanding the large number of persons living in the West North Central division who were born outside it, the percentage of its own natives living outside its borders (19.5 per cent) was larger than the corresponding percentage for any other geographic division. The statistics indicate that the earlier extensive migration into this division has been followed by a very considerable migration out of it toward the West and South. The lowest proportion living outside the division of birth in 1910 was that for persons born in the West South Central division, 6.1 per cent.

Table 5 is in effect a continuation in condensed form of Table 4. It shows the migration to and from each geographic division as reported at each census from 1870 to 1910; that is, it shows what proportion of the total population reported at each census as born in the division was living in other divisions, and, conversely, what proportion of the native American population living in each geographic division was born in other divisions.

## POPULATION BORN IN AND LIVING IN THE UNITED STATES, BY DIVISIONS: 1870-1910.

Table 5 DIVISION AND CENSUS YEAR.	POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED.						Net gain (+) or loss (-) through interstate migration.
	Born in the specified division.			Living in the specified division.			
	Total.	Living in other divisions.		Total.	Born in other divisions.		
Number.		Per cent.	Number.		Per cent.		
<b>NEW ENGLAND:</b>							
1910.....	4,907,215	568,763	11.6	4,702,088	363,636	7.7	-205,127
1900.....	4,358,274	526,979	12.1	4,116,509	308,214	7.5	-218,765
1890.....	3,899,043	564,202	14.5	3,540,315	207,584	5.9	-377,088
1880.....	3,643,424	587,059	16.1	3,216,890	160,505	5.0	-426,534
1870.....	3,299,103	568,707	17.3	2,838,792	114,396	4.0	-454,311
<b>MIDDLE ATLANTIC:</b>							
1910.....	15,342,852	1,881,406	12.3	14,416,385	948,939	6.6	-932,467
1900.....	14,808,060	1,808,060	12.2	12,080,907	719,910	6.0	-1,088,150
1890.....	11,177,406	1,818,394	16.3	9,846,337	483,315	4.9	-1,257,049
1880.....	9,843,732	1,785,831	18.1	8,473,904	418,003	4.9	-1,307,828
1870.....	8,186,679	1,596,101	19.5	6,935,462	344,834	5.0	-1,251,277
<b>EAST NORTH CENTRAL:</b>							
1910.....	16,479,755	3,077,079	18.7	15,100,330	1,709,645	11.3	-1,376,425
1900.....	14,169,456	2,473,049	17.5	15,305,007	1,617,690	12.2	-855,449
1890.....	11,599,441	2,194,918	18.9	10,890,202	1,488,679	13.7	-706,230
1880.....	9,179,161	1,552,367	16.9	9,289,997	1,693,203	17.9	+110,836
1870.....	6,618,928	930,119	14.1	7,460,310	1,772,101	23.8	+841,882
<b>WEST NORTH CENTRAL:</b>							
1910.....	9,449,180	1,846,185	19.5	9,061,467	2,352,472	26.6	+512,287
1900.....	7,485,659	1,101,856	14.8	8,777,275	2,436,472	27.7	+1,528,616
1890.....	5,262,124	592,940	11.3	7,278,499	2,609,315	35.8	+2,016,375
1880.....	3,276,998	332,539	10.2	5,157,213	2,213,754	42.9	+1,880,215
1870.....	1,801,712	176,077	9.8	3,183,361	1,557,616	48.9	+1,381,590
<b>SOUTH ATLANTIC:</b>							
1910.....	12,770,824	1,478,110	11.6	11,869,658	576,944	4.9	-901,166
1900.....	11,791,575	1,372,188	11.7	10,211,017	421,628	4.1	-650,558
1890.....	9,616,872	1,291,048	13.4	8,625,681	299,837	3.5	-991,191
1880.....	8,509,714	1,335,735	15.7	7,422,496	248,927	3.4	-1,086,808
1870.....	6,828,706	1,318,564	19.3	5,686,136	178,847	3.1	-1,142,657
<b>EAST SOUTH CENTRAL:</b>							
1910.....	9,481,023	1,788,681	18.9	8,304,102	611,760	7.4	-1,176,921
1900.....	8,293,166	1,372,188	17.8	7,444,534	421,628	5.7	-831,032
1890.....	6,978,603	1,255,790	18.0	6,292,013	569,190	9.0	-686,590
1880.....	6,019,996	1,146,840	19.1	5,489,952	616,796	11.2	-530,044
1870.....	4,594,940	932,776	20.3	4,299,251	940,087	21.9	+292,000
<b>WEST SOUTH CENTRAL:</b>							
1910.....	6,758,408	410,056	6.1	8,302,083	2,045,592	24.4	+1,634,573
1900.....	4,855,385	231,088	4.8	6,244,819	1,620,522	25.9	+1,389,434
1890.....	3,242,235	146,286	4.6	4,279,938	1,186,690	27.7	+1,037,703
1880.....	2,237,662	108,456	4.8	3,135,090	1,005,884	31.9	+827,428
1870.....	1,399,422	74,374	5.9	1,899,527	708,109	37.3	+493,735
<b>MOUNTAIN:</b>							
1910.....	1,290,296	188,290	14.6	2,158,616	1,037,610	49.0	+869,320
1900.....	835,858	84,466	10.1	1,361,469	610,077	44.8	+525,611
1890.....	469,834	36,314	7.7	883,235	449,715	50.9	+413,401
1880.....	323,611	17,959	5.3	492,226	224,714	45.6	+168,605
1870.....	155,724	6,140	3.9	228,290	78,796	34.5	+72,566
<b>PACIFIC:</b>							
1910.....	1,616,866	115,579	7.1	3,192,792	1,691,565	53.0	+1,575,926
1900.....	1,099,277	74,379	6.8	1,849,179	824,272	44.6	+749,803
1890.....	724,201	39,888	5.5	1,334,879	656,566	48.7	+1,016,678
1880.....	459,190	25,332	5.5	775,320	341,412	44.0	+116,180
1870.....	283,189	12,109	5.2	447,251	226,171	50.6	+214,662

<sup>1</sup> Exclusive of outlying possessions.

In 1870, 17.3 per cent of the persons born in New England were living in other divisions. In 1910, the percentage had declined to 11.6. There was a similar decline in the percentage for the Middle Atlantic and South Atlantic divisions. The two North Central divisions show an increase in this percentage. The two South Central divisions show, on the whole, no marked change in this respect, but the percentage of emigrants from the Mountain division has greatly increased, while that of emigrants from the Pacific division has increased in some degree.

In the case of the New England and Middle Atlantic divisions there has been some increase in the relative importance of domestic immigration, as indicated by the percentage of the native American population born outside of the division. Thus, in 1870, 4 per cent of the total population born in the United States and living in New England were born outside New England. By 1910 the proportion had increased to 7.7 per cent. The South Atlantic division also shows some increase in this percentage, but the four central divisions show a rather marked decline. Thus, in 1870, almost one-half (48.9 per cent) of the total native population inhabiting the West North Central division were born in other parts of the United States, as against less than one-fourth (23.6 per cent) in 1910. In the Mountain and Pacific divisions the percentage has fluctuated without any continuous movement toward either a higher or a lower percentage. It is noteworthy, however, that, notwithstanding the large migration to the Pacific coast in the years following the discovery of gold in California, the proportion of the native population of the Pacific division reported as born outside that division was larger in 1910 than at any preceding census back to and including 1870.

Comparing the returns for 1910 with those for 1900, as shown in Table 5, the divisions may be placed in two groups—first, those in which the direct loss through interdivisional migration of persons now living was reduced or the gain increased during the decade, and second, those of which the converse is true, the loss being increased or the gain reduced. The two groups are distinguished by the last two columns of Table 6.

The first group includes the New England, Middle Atlantic, and South Atlantic divisions, in which the loss through interstate migration has been reduced, and also the West South Central, Mountain, and Pacific divisions, in which the gain has been increased. The second group includes the East North Central and East South Central divisions, in which the loss has been increased, and also the West North Central, in which the gain has been reduced. In 1900 the West North Central division had gained 1,328,616 persons, but in 1910 the gain was only 512,287, a reduction of 816,329.

The figures presented in the last two columns of Table 6, however, by no means represent the difference between migration into and migration out of the respective divisions during the past 10 years. Changes

in the gains or losses are also affected by deaths among those who had previously migrated. Undoubtedly, however, in the case of marked changes in gain or loss between 1900 and 1910, migration during the decade has been the principal factor.

DIVISION.	NET GAIN (+) OR LOSS (-) THROUGH INTERSTATE MIGRATION.		Reduction of loss or Increase of gain: 1900-1910	Increase of loss or reduction of gain: 1900-1910
	1910	1900		
New England.....	-295,127	-218,765	13,638	.....
Middle Atlantic.....	-932,467	-1,088,159	155,683	.....
East North Central.....	-1,376,425	-855,449	.....	520,976
West North Central.....	+512,287	+1,328,616	.....	816,329
South Atlantic.....	-901,166	-950,558	49,392	.....
East South Central.....	-1,176,921	-880,622	.....	296,299
West South Central.....	+1,034,573	+1,389,434	.....	354,861
Mountain.....	+869,329	+535,611	.....	343,709
Pacific.....	+1,575,926	+749,893	.....	826,033

Table 5 shows that in the New England and South Atlantic divisions the net loss through interstate migration has steadily declined. In the case of the East North Central division the gain shown at the censuses of 1870 and 1880 has given place to a loss which was much greater in 1910 than in 1900 or 1890. In the case of the West North Central division the gain through interstate migration reached its maximum in 1890 and has declined very greatly since then. In the West South Central, Mountain, and Pacific divisions, on the other hand, the gain has steadily increased, being greater in 1910 than at any preceding census.

Certain broad generalizations of considerable interest may be drawn by comparing the population living in the three geographic sections, the North, the South, and the West, with the population reported as born in those sections, as shown by Table 7.

RACE AND SECTION OF RESIDENCE.	Total native population: 1910	BORN IN—			State of birth not reported, or born in outlying possessions, etc.
		The North.	The South.	The West.	
<b>ALL RACES.</b>					
United States.....	78,456,380	46,173,002	29,010,255	2,906,162	360,961
The North.....	34,096,371	32,326,102	1,527,107	124,001	213,101
The South.....	28,649,319	1,449,229	27,079,282	.....	83,228
The West.....	5,416,690	2,303,611	403,866	2,743,931	65,282
<b>WHITE.</b>					
United States.....	68,386,412	45,488,942	19,814,860	2,766,492	316,118
The North.....	35,319,183	41,801,333	1,119,245	116,939	290,656
The South.....	19,821,249	1,407,202	18,326,236	34,623	83,228
The West.....	5,245,970	2,190,327	378,379	2,615,630	62,234
<b>NEGRO.</b>					
United States.....	9,787,424	621,266	9,169,133	15,604	41,387
The North.....	199,431	379,298	415,593	2,295	11,322
The South.....	8,738,838	39,077	8,668,619	2,412	28,759
The West.....	49,115	11,911	25,911	16,897	1,306

The above table shows, for all races and for the whites and negroes separately, the number resident in each section in 1910 who were reported as born in each section; or, conversely, the number born in each section who were resident in each. The North comprises the New England, Middle Atlantic, and North Central divisions; the South, the South Atlantic and South Central divisions; and the West, the Mountain and Pacific divisions.

Table 7 brings out the fact that there has been considerable migration from north to south and from south to north, as well as from east to west. The absolute number of persons born in the North and living in the South (1,449,229) was not very different from the number born in the South and living in the North (1,527,107). The North, however, has contributed more than five times as many to the population of the West as the South has.

Division of birth in relation to division of residence.—More specific information regarding interdivisional migration may be obtained from Table 16, page 181, the first part of which shows, when read from left to right, the number of native American persons living in each geographic division who were born in each division. If read downward, the table, of course, shows the number born in each division who were living in each division. In Table 8 persons born in each geographic division are distributed on a percentage basis according to the division in which they were resident in 1910.

Table 8 shows, for example, that in 1910, of the total number of persons born in New England, 88.4 per cent were still living in that division, while 4.5

per cent were living in the adjacent division on the west—the Middle Atlantic division; 2 per cent in the next division farther west—the East North Central; 1.5 per cent in the West North Central; and 2 per cent in the Pacific. The percentage living in the division in which born ranged from 80.5 in the West North Central division to 93.9 in the West South Central division.

In a majority of cases the largest number of the emigrants from any division are resident in the adjoining division on the west. This is true of the emigrants from the New England, the Middle Atlantic, the East North Central, the East South Central, and the Mountain divisions; but the South Atlantic division has a larger number of its emigrating natives in the division immediately north of it than in any other division, and this is also true of the West South Central division, while of the emigrants from the West North Central a larger number went to the Pacific division and also to the West South Central than to the adjacent Mountain division on the west. While the main current of migration is westward, there has been some eastward migration and considerable migration north and south.

Table 8

DIVISION OF RESIDENCE.	PER CENT DISTRIBUTION, BY DIVISION OF RESIDENCE, OF THE POPULATION OF THE UNITED STATES <sup>1</sup> BORN IN—								
	New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	88.4	1.6	0.2	0.1	0.3	0.1	0.1	0.3	0.3
Middle Atlantic.....	4.5	87.7	1.3	0.5	3.1	0.3	0.2	0.9	0.8
East North Central.....	2.0	4.3	81.3	3.6	1.6	3.6	0.5	1.4	0.9
West North Central.....	1.5	2.2	8.6	88.5	1.0	2.3	1.6	2.0	1.1
South Atlantic.....	0.6	1.3	0.7	0.3	88.4	1.9	0.3	0.3	0.3
East South Central.....	0.1	0.2	0.8	0.3	2.6	81.1	1.2	0.2	0.1
West South Central.....	0.2	0.4	1.9	5.3	2.2	9.1	93.9	1.3	0.5
Mountain.....	0.6	0.7	1.8	4.1	0.4	0.6	1.3	85.4	3.0
Pacific.....	2.0	1.5	3.3	5.3	0.5	0.8	1.0	7.2	92.9

<sup>1</sup> Exclusive of outlying possessions.

Table 9 shows what percentage of the native population resident in each division were born in that division and in each of the other divisions. The percentages are based on the total native population, including persons born in the outlying possessions of the United States, or at sea under the United States flag, persons born in the United States for whom the date of birth was not reported, and American citizens born abroad. The table is substantially the con-

verse of Table 8 and needs little comment. It brings out the fact that the two North Central divisions have contributed largely to the population of the Pacific and Mountain divisions. Of the total native population of the Pacific division, 31.7 per cent were born east of the Mississippi (that is, in the New England, Middle Atlantic, East North Central, South Atlantic, and East South Central divisions), and of the total native population of the Mountain division, 24.7 per cent.

Table 9

DIVISION OF BIRTH.	PER CENT DISTRIBUTION, BY DIVISION OF BIRTH, OF THE NATIVE POPULATION OF THE UNITED STATES <sup>1</sup> AND RESIDING IN—								
	New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	91.8	1.5	0.6	0.7	0.3	0.1	0.1	1.4	3.1
Middle Atlantic.....	5.3	93.1	4.3	3.4	1.7	0.3	0.7	5.1	7.2
East North Central.....	0.8	1.5	88.3	14.2	1.0	1.6	3.7	13.5	16.9
West North Central.....	0.3	0.3	0.2	75.9	0.2	0.4	5.9	17.6	15.6
South Atlantic.....	0.9	2.7	1.3	1.2	94.9	4.0	3.3	2.1	2.1
East South Central.....	0.1	0.2	2.2	2.4	1.5	92.4	10.2	2.6	2.4
West South Central.....	0.1	0.1	0.2	1.1	0.1	1.0	75.3	4.0	2.1
Mountain.....	0.1	0.1	0.1	0.4	(?)	(?)	0.2	50.5	2.9
Pacific.....	0.1	0.1	0.1	0.2	(?)	(?)	0.1	2.3	45.4
United States, state of birth not reported.....	0.2	0.3	0.4	0.4	0.2	0.2	0.4	1.8	1.0
Outlying possessions.....	0.3	0.1	0.1	0.1	(?)	(?)	(?)	0.2	0.4

<sup>1</sup> Exclusive of outlying possessions.

<sup>2</sup> Less than one-tenth of 1 per cent.

<sup>3</sup> Includes also persons born at sea under United States flag and American citizens born abroad.

Migration of native white and native negro population.—The preceding tables (with one exception) have dealt with the total native population without distinction of race. It is desirable, however, to consider separately the division of birth of the native white and

the native negro population, which together constitute nearly the entire number of native Americans. Table 10 therefore presents for these two classes statistics similar to those presented in Table 4 for the total native population.

**Table 10** WHITE PERSONS BORN AND LIVING IN THE UNITED STATES<sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1910

DIVISION.	BORN IN THE SPECIFIED DIVISION.							Gain (+) or loss (-) through interstate migration (col. 6—col. 2).	NEGRO PERSONS BORN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1910							
	Born in the specified division.			Born in and living in the specified division.		Living in the specified division.			Born in the specified division.		Born in and living in the specified division.		Living in the specified division.		Gain (+) or loss (-) through interstate migration (col. 14—col. 10).	
	Total (col. 4+col. 2).	Living in other divisions.		Total (col. 4+col. 6).	Born in other divisions.		Total (col. 12+col. 10).		Living in other divisions.		Total (col. 12+col. 14).	Born in other divisions.				
		Number.	Per cent.		Number.	Per cent.			Number.	Per cent.		Number.	Per cent.			
United States.....	68,070,294	16,366,735	15.2	57,703,559	68,070,294	10,366,735	15.2	.....	9,746,043	963,153	9.9	8,782,890	9,746,043	963,153	9.9	
New England.....	4,867,376	561,017	11.5	4,306,359	4,611,107	833,398	7.2	-226,215	37,190	6,984	18.5	30,838	58,195	37,284	47.0	
Middle Atlantic.....	16,123,713	1,898,755	12.3	13,224,958	14,003,037	738,077	5.3	-1,120,675	212,145	25,103	11.9	189,962	398,529	307,567	52.3	
East North Central.....	16,267,667	3,047,706	18.7	13,219,961	14,791,593	1,551,632	10.5	-1,496,074	173,226	28,309	16.2	145,187	292,878	147,688	50.4	
West North Central.....	9,210,184	1,800,028	19.6	7,410,156	9,692,750	2,272,594	23.5	-1,472,566	198,116	36,962	18.5	162,654	258,013	76,559	32.1	
South Atlantic.....	8,273,219	1,028,066	12.4	7,245,153	7,765,705	521,212	6.7	-307,454	4,487,313	488,149	10.9	4,038,173	4,094,486	55,313	1.4	
East South Central.....	6,631,841	1,436,019	21.6	5,195,822	5,637,676	439,444	8.1	-474,165	2,842,598	332,921	12.2	2,491,057	2,645,722	152,115	5.8	
West South Central.....	4,909,800	346,311	7.1	4,563,489	6,341,889	1,781,091	28.1	+1,461,791	1,772,242	63,884	3.6	1,718,888	1,971,909	253,021	13.1	
Mountain.....	1,206,525	181,649	15.1	1,024,876	2,063,208	1,038,332	50.3	+556,683	7,342	3,220	43.9	4,222	20,571	16,489	80.0	
Pacific.....	1,569,967	109,394	6.9	1,461,573	1,320,028	1,068,953	55.5	+1,369,561	8,262	2,106	26.4	6,052	27,235	21,156	77.7	

<sup>1</sup> Exclusive of outlying possessions.

This table shows a somewhat greater mobility on the part of the white population than on the part of the negro. Of the 68,070,294 native whites enumerated in 1910, 10,366,735, or 15.2 per cent, were living in some other division than that in which born. Of the 9,746,043 native negroes 963,153, or 9.9 per cent, were living outside the division of birth. In the case of the whites the percentages living outside the division of birth ranged from 6.9 for those born in the Pacific division to 21.6 for those born in the East South Central. In the case of the negroes the percentages ranged from 3.6 for those born in the West South Central division to 43.9 for those born in the Mountain division. Outside the South a large part of the negro population are not natives of the division in which living, but have immigrated from other divisions, principally from the South, the proportion of immigrants ranging from almost one-third in the West North Central division to about four-fifths in the Pacific and Mountain divisions. The South Atlantic and East South Central divisions are the only ones which have suffered a direct loss in population through the migration of negroes of the present generation. The absolute gain is most conspicuous in the case of the Middle Atlantic and West South Central divisions.

The migration of native whites and native negroes to and from the several states, so far as it can be indicated by statistics of state of birth, is shown in Table 15, which corresponds to Table 10 above.

Migration to the several divisions from other divisions and from foreign countries.—Table 11 shows for 1910 and 1900 the sources from which the different geographic divisions had drawn their population. The three classes distinguished are (1) natives of the division of residence, (2) native Americans born outside the di-

vision of residence, and (3) the foreign born; more briefly, they may be called natives, domestic immigrants, and foreign immigrants.

**Table 11** DIVISION OF RESIDENCE.

DIVISION OF RESIDENCE.	Total population. <sup>1</sup>	BORN IN DIVISION OF RESIDENCE.			BORN IN OTHER DIVISIONS.			FOREIGN BORN.	
		Number.	Per cent.	Per cent.	Number.	Per cent.	Number.	Per cent.	
<b>1910</b>									
United States.....	91,972,266	66,748,379	72.6	11,349,940	12.3	13,515,886	14.7		
New England.....	6,522,831	4,328,462	66.2	985,686	15.1	1,208,110	27.9		
Middle Atlantic.....	16,315,892	13,461,449	82.5	948,939	5.8	4,851,173	29.1		
East North Central.....	16,250,621	13,462,688	82.9	1,706,645	10.5	3,073,766	26.8		
West North Central.....	11,657,921	7,608,966	65.4	2,352,472	20.2	1,686,065	13.9		
South Atlantic.....	12,194,593	11,292,174	92.6	576,944	4.7	299,994	2.5		
East South Central.....	8,469,961	7,692,342	90.5	611,740	7.3	87,825	1.0		
West South Central.....	8,784,534	6,547,452	74.3	2,045,528	23.3	329,192	4.0		
Mountain.....	2,633,517	1,101,906	41.8	1,057,610	40.2	483,222	17.2		
Pacific.....	4,162,304	1,501,387	36.3	1,601,500	40.3	955,806	22.8		
<b>1900</b>									
United States.....	76,394,578	58,248,496	74.0	9,154,271	12.0	10,341,276	13.6		
New England.....	5,922,017	3,811,285	62.8	308,214	5.5	1,445,277	25.8		
Middle Atlantic.....	15,454,678	11,376,527	73.6	719,910	4.7	3,217,550	21.5		
East North Central.....	16,885,381	11,657,467	75.1	1,617,610	10.1	4,605,292	28.4		
West North Central.....	10,347,423	6,346,803	61.3	2,430,472	23.5	1,533,248	14.8		
South Atlantic.....	10,445,480	9,529,467	91.2	528,825	5.0	216,039	2.1		
East South Central.....	7,547,757	6,842,908	90.7	601,508	8.0	90,508	1.2		
West South Central.....	6,632,290	4,624,297	70.8	1,620,522	24.8	207,487	3.1		
Mountain.....	2,416,667	711,362	29.4	1,116,077	4.4	301,969	12.5		
Pacific.....	2,416,667	1,024,898	42.4	824,272	34.1	544,352	22.6		

<sup>1</sup> Includes persons born in the United States, state of birth not reported, persons born in outlying possessions, or at sea under United States flag, and American citizens born abroad. (See Tables 1 and 16.)

In most of the divisions the natives are greatly in the majority, outnumbering both classes of immigrants. The preponderance is greatest in the South Atlantic division, where 92.6 per cent of the population in 1910 consisted of persons born in the division. The proportion was nearly as great in the East South Central. In the Pacific division, however, the most important class numerically was that of the domestic immigrants, who formed 40.3 per cent of the total population in 1910, while the natives of the division formed but 35.8 per cent—

hardly more than one-third—and the foreign immigrants 22.8 per cent. In the Mountain division the natives of the division were only slightly more numerous than the domestic immigrants, and constituted but 41.8 per cent of the total population. Of course, these conditions are indicative of the comparatively recent settlement and rapid development of the far West, and of the great immigration thither from other parts of the United States. In New England and in the Middle Atlantic and East North Central divisions the greater part of the immigration is from foreign countries, the foreign born greatly outnumbering the domestic immigrants, but in all the other divisions the foreign immigrants are the least numerous of the three classes here compared.

Comparison between the figures for 1910 and 1900, shown in Table 11, reveals the relative importance of the three classes as factors in the increase in the population of the several divisions during the decade. The comparison is facilitated by Table 12. It may be well to point out that this table throws no light upon the question of the fecundity or natural increase of the population. The persons reported in 1910 as born in a given division include, of course, many children of persons who were not born in the division as well as the children of persons born in the division.

Table 12 INCREASE IN POPULATION: 1900-1910

DIVISION.	INCREASE IN POPULATION: 1900-1910			
	Total <sup>1</sup>	Born in division of residence.	Born in other divisions.	Foreign born.
United States.....	15,977,691	10,487,882	2,194,769	3,174,810
New England.....	990,664	527,157	35,422	379,878
Middle Atlantic.....	3,861,214	2,061,289	229,029	1,851,914
East North Central.....	2,295,049	1,715,278	85,045	448,549
West North Central.....	1,781,498	1,159,102	78,981	543,415
South Atlantic.....	1,751,415	1,509,325	145,316	85,994
East South Central.....	862,144	819,384	10,184	—2,743
West South Central.....	2,252,244	1,725,155	425,077	85,106
Mountain.....	438,860	540,614	447,553	151,333
Pacific.....	1,775,612	476,389	867,233	411,457

<sup>1</sup> Includes persons born in the United States, state of birth not reported, persons born in outlying possessions, or at sea under United States flag, and American citizens born abroad.

This table shows very great differences among the geographic divisions with respect to the relative importance of the three classes as factors in the increase in population. In the New England and Middle Atlantic divisions the increase during the decade was chiefly in persons born within the division of residence and in the foreign born, the increase in the latter being roughly three-fourths as great as in the former. In the East North Central division conditions were somewhat similar, except that the increase in the foreign born was relatively less important. In the West North Central, South Atlantic, and East South Central divisions, on the other hand, nearly the entire increase was in natives of the division. In the West South Central division there was a marked increase in domestic immigrants, as well as a marked increase in domestic immigrants, but comparatively little increase in the foreign born. Finally, in the Mountain and Pacific

divisions the increase in domestic immigrants was greater than that in natives, and there was also a very considerable increase in the foreign born.

Migration to the several states from other states and from foreign countries.—Table 13 gives a classification of the population of each state in 1910, distinguishing the natives of the state, the domestic immigrants (born in other states), and the foreign immigrants (foreign born).

STATE.	Total population: 1910 <sup>1</sup>	BORN IN STATE OF RESIDENCE.		BORN IN OTHER STATES.		FOREIGN BORN.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
United States.....	91,972,266	61,185,205	66.5	18,910,114	18.4	13,515,888	14.7
NEW ENGLAND:							
Maine.....	742,371	578,738	78.0	50,009	6.7	112,624	14.9
New Hampshire.....	430,572	248,628	57.7	82,362	19.2	96,667	22.5
Vermont.....	335,856	250,480	74.6	32,165	9.6	49,564	14.0
Massachusetts.....	3,366,416	1,821,820	53.5	431,101	12.9	1,050,245	31.5
Rhode Island.....	542,610	267,116	49.2	70,170	12.9	175,141	32.0
Connecticut.....	1,114,726	667,074	59.8	134,680	12.1	297,559	26.6
MIDDLE ATLANTIC:							
New York.....	11,013,614	5,647,003	62.0	676,676	7.5	2,748,011	30.2
New Jersey.....	2,537,162	1,344,164	53.0	525,273	20.7	660,788	26.0
Pennsylvania.....	7,665,111	5,638,263	73.6	569,204	7.4	1,462,374	18.8
EAST NORTH CENTRAL:							
Ohio.....	4,767,121	3,546,991	74.4	607,352	12.7	598,374	12.6
Indiana.....	2,700,870	2,031,340	75.2	501,420	18.6	159,663	5.9
Illinois.....	5,686,391	3,406,638	60.4	997,189	17.7	1,205,314	21.4
Michigan.....	2,810,173	1,791,063	63.7	436,329	15.5	579,559	20.6
Wisconsin.....	2,333,850	1,558,455	66.8	236,520	11.0	512,865	22.0
WEST NORTH CENTRAL:							
Minnesota.....	2,075,798	1,121,376	54.0	402,137	19.4	543,585	26.2
Iowa.....	2,224,771	1,416,584	63.7	524,774	23.6	273,763	12.3
Missouri.....	3,295,335	2,229,025	67.5	522,738	16.0	229,779	7.0
North Dakota.....	577,056	197,847	34.3	214,966	37.6	156,567	27.1
South Dakota.....	583,888	225,129	38.6	260,562	44.6	100,790	17.3
Nebraska.....	1,192,214	535,351	45.0	114,034	9.5	540,662	45.4
Kansas.....	1,680,949	823,928	48.7	228,928	13.6	135,540	8.0
SOUTH ATLANTIC:							
Delaware.....	202,222	137,131	67.8	47,265	23.4	17,492	8.6
Maryland.....	1,295,346	1,036,355	79.2	161,783	12.5	104,944	8.1
District of Columbia.....	331,069	139,431	41.7	104,633	30.7	24,992	7.5
Virginia.....	2,061,612	1,845,152	89.4	388,888	18.2	27,567	1.3
West Virginia.....	1,231,119	931,077	75.2	229,925	18.8	57,124	4.7
North Carolina.....	2,236,287	2,089,728	94.7	108,665	4.9	6,092	0.3
South Carolina.....	1,516,409	1,423,628	94.0	76,786	5.1	15,979	1.0
Georgia.....	2,609,121	2,364,349	90.6	221,548	8.5	15,477	0.6
Florida.....	732,619	463,003	63.1	246,384	32.5	49,633	5.4
EAST SOUTH CENTRAL:							
Kentucky.....	2,289,905	2,031,885	88.7	215,317	9.4	40,162	1.8
Tennessee.....	2,184,789	1,873,227	85.7	286,410	13.1	18,667	0.9
Alabama.....	2,128,053	1,837,916	86.9	287,031	12.0	19,286	0.9
Mississippi.....	1,797,114	1,503,839	83.7	218,768	12.2	9,770	0.5
WEST SOUTH CENTRAL:							
Arkansas.....	1,574,449	1,055,940	67.1	494,073	31.4	17,046	1.1
Louisiana.....	1,656,388	1,405,836	84.9	190,390	11.5	52,766	3.2
Oklahoma.....	1,657,153	515,212	31.1	1,092,844	65.9	49,443	2.4
Texas.....	5,686,542	2,730,737	48.1	997,908	17.5	2,415,883	42.4
MOUNTAIN:							
Montana.....	376,053	98,314	26.4	177,793	47.3	94,713	25.2
Wyoming.....	325,394	100,223	30.8	190,063	58.4	42,578	13.1
Idaho.....	149,924	31,782	21.2	84,269	57.2	29,020	19.3
Colorado.....	735,024	233,516	31.8	430,264	58.5	129,567	16.2
New Mexico.....	327,391	184,749	56.4	117,854	36.0	29,146	7.1
Arizona.....	204,354	78,949	38.6	74,699	36.6	48,765	23.9
Utah.....	373,331	243,054	65.1	60,552	16.2	69,622	17.0
Nevada.....	81,875	21,640	26.3	39,700	48.3	19,001	24.4
PACIFIC:							
Washington.....	1,141,990	262,694	23.0	608,226	53.3	256,241	22.4
Oregon.....	672,776	222,162	33.0	329,538	49.0	113,146	16.8
California.....	2,377,540	903,996	38.0	863,236	36.3	586,427	24.7

<sup>1</sup> Includes persons born in the United States, state of birth not reported, persons born in outlying possessions, or at sea under United States flag, and American citizens born abroad. The combined number of these classes in the United States was only 360,961, or 0.4 per cent of the total population.

In nearly every state east of the Mississippi a native at least of the population were natives of the state, the only exceptions being, in fact, Rhode Island and the District of Columbia. In three of the southern states more than nine-tenths of the population were natives, but north of the Ohio there were only two states, Maine and Indiana, in which the proportion of natives exceeded three-fourths. In the other immigrants outnumbered the domestic immigrants in every state north of the Ohio and east of the Mississippi

except Vermont, Ohio, and Indiana. In Vermont and Ohio domestic immigrants were not much more numerous than the foreign, but in Indiana they outnumbered the foreign immigrants more than three to one.

West of the Mississippi there were only nine states (Iowa, Minnesota, Missouri, Nebraska, Arkansas, Louisiana, Texas, New Mexico, and Utah) in which a majority of the population were natives of the state. In Wyoming the natives of the state in 1910 formed only 21.8 per cent of the total population and in Washington only 23 per cent. In the latter state a majority (53.3 per cent) of the population were domestic immigrants. This was also the case in Idaho, Wyoming, Colorado, and Oklahoma. The domestic immigrants outnumbered the foreign immigrants in every state west of the Mississippi except Minnesota and Utah.

**Interstate migration.**—Table 14 presents for the several states in 1910 and 1900 the same class of data that is shown for the geographic divisions in Table 4, that is, it shows what proportion of the population born in each state was living in other states and what proportion of the native American population of each state was born in other states. It shows, for example, that the population of the United States (not including Alaska, Hawaii, Porto Rico, or other outlying possessions) in 1910 included 791,827 persons who were born in the state of Maine and that of this number, 578,739 were living in Maine, while 213,088, or 26.9 per cent of the total, had left Maine and settled in other states; and it shows also that the population of Maine included 628,748 native Americans with state of birth reported, of whom 578,739 were born in Maine and 50,009, or 8 per cent, were born in other states. The numbers of native Americans who have thus migrated to and from the several states are shown graphically in the diagram on page 186.

The proportion of the natives of the several states residing in other states in 1910 varied widely. In the case of the following states it exceeded one-third: Nevada (46.4 per cent); Vermont (38.6); Wyoming (37.8); Iowa (36.1); Kansas (34.2); and New Hampshire (33.8). In the following states it was less than one-sixth: Pennsylvania (16.6 per cent); Georgia (16.4); Massachusetts (16.1); New Mexico (15.5); South Carolina (15.5); North Carolina (15.4); Texas (12.9); Louisiana (12.1); Florida (10.2); and California (10). These percentages, it should be remembered, do not include persons who migrated from the states named to outlying possessions of the United States.

Referring to column 7 of the table it will be found that there are only seven states (Maine, Pennsylvania, Virginia, North Carolina, South Carolina, Georgia, and Kentucky) in which the domestic immigrants—applying that term to persons born outside the state but within the United States, exclusive of outlying territories and possessions—formed less than one-tenth of the native American population of the state in 1910. East of the Mississippi there are only four states

(Rhode Island, New Jersey, Delaware, and Florida) in which the proportion exceeded one-fourth, or 25 per cent. In the District of Columbia, however, the proportion exceeded one-half. West of the Mississippi there are 10 states (North Dakota, South Dakota, Oklahoma, Montana, Idaho, Wyoming, Colorado, Nevada, Washington, and Oregon) in which more than half the native American population in 1910 were domestic immigrants and only two (Louisiana and Utah) in which the proportion was less than one-fourth.

Table 14 also shows the gain or loss to the several states by interstate migration; or, in other words, the difference between the number of persons living in the state and born in other states and the number born in the state and living in other states. For example, at the census of 1910, 213,088 persons born in the state of Maine were living in other states and 50,009 persons born in other states were living in Maine. The difference, 163,079, appears in this table as the direct net loss to the state of Maine by interstate migration. Most of the states east of the Mississippi have lost more than they have gained by this interchange of population with other states, gains being shown only for Massachusetts, Rhode Island, Connecticut, New Jersey, Michigan, West Virginia, Florida, and the District of Columbia. West of the Mississippi, on the other hand, most of the states have gained more than they have lost, the only states which have lost being Iowa, Missouri, Louisiana, and Utah.

STATES GAINING OR LOSING BY INTERSTATE  
MIGRATION: 1910.



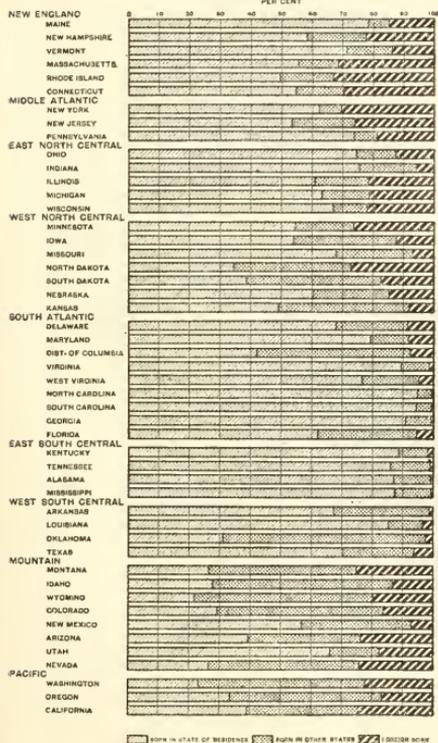
Table 15 presents, for 1910, by states for the native white and native negro population separately, statistics similar to those presented for the total native population in Table 14.

Of the two diagrams on the next page, the one on the left shows for each state the percentages of the total population born in the state, born in other states, and born in foreign countries (see also Table 13), while the diagram on the right shows what percentage of the natives of each state were still living in that state in 1910 and what percentage had emigrated to other states. In the first of the two maps presented

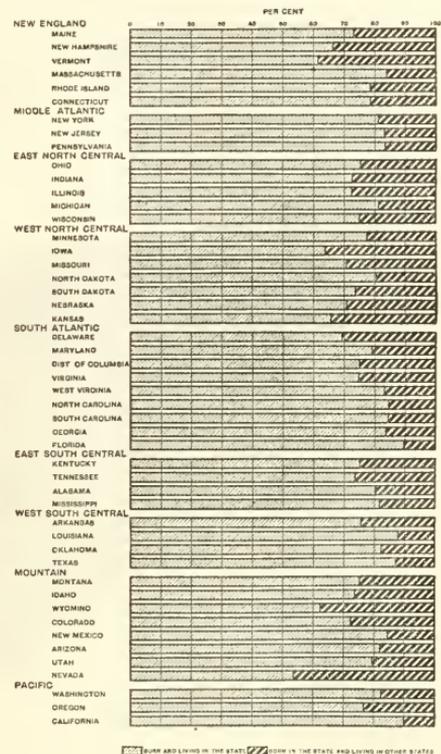
on page 178, the states are classified in six groups with reference to the percentage of emigrants. This map brings out the fact that in general the emigration from states located on the boundary of the United States is relatively less than from states more centrally located. This probably is in part a natural result of the fact that the possibility of emigration from a border state to other parts of the United States is cut off in one or more directions. From some of the states along the northern border there has been a very considerable emigration to Canada in recent years, but this of course is not revealed by a population census of the United States. In the second map on page 178, the states are grouped with reference to the percentage which the population born in other states forms of the total native population or population born in the United States. The percentages are presented in Tables 13 and 14.

## DISTRIBUTION OF TOTAL POPULATION AND NATIVE POPULATION.

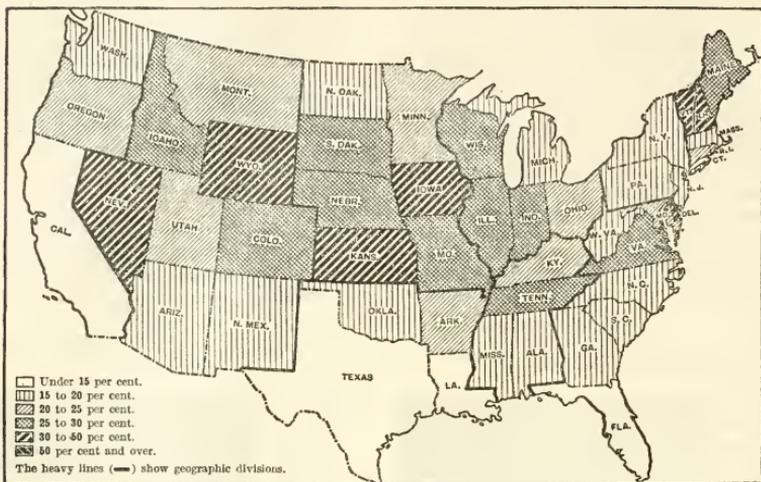
DISTRIBUTION OF TOTAL POPULATION OF EACH STATE, BY PLACE OF BIRTH: 1910.



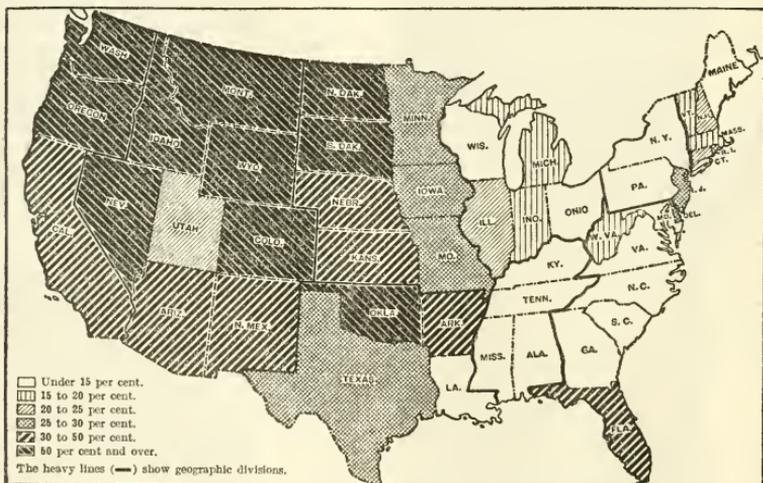
DISTRIBUTION OF NATIVES OF EACH STATE, BY PLACE OF RESIDENCE: 1910.



PERCENTAGE OF POPULATION BORN IN EACH STATE LIVING IN OTHER STATES: 1910.



PERCENTAGE OF NATIVE POPULATION LIVING IN EACH STATE BORN IN OTHER STATES: 1910.



POPULATION BORN IN EACH STATE, WITH NUMBER AND PERCENTAGE LIVING IN OTHER STATES, AND POPULATION LIVING IN EACH STATE, WITH NUMBER AND PERCENTAGE BORN IN OTHER STATES: 1910 AND 1900.

STATE.	POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1910							POPULATION BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED: 1900								
	Born in the specified state.			Born in and living in the specified state.	Living in the specified state.			Gain (+) or loss (-) through inter-state migration.	Born in the specified state.			Born in and living in the specified state.	Living in the specified state.			Gain (+) or loss (-) through inter-state migration.
	Total.	Living in other states.			Total.	Born in other states.			Total.	Living in other states.			Total.	Born in other states.		
		Number.	Per cent.	Number.		Per cent.	Number.	Per cent.		Number.	Per cent.	Number.		Per cent.	Number.	Per cent.
<b>United States.....</b>	<b>78,995,419</b>	<b>16,910,114</b>	<b>21.7</b>	<b>61,185,306</b>	<b>78,995,419</b>	<b>16,910,114</b>	<b>21.7</b>	<b>65,402,767</b>	<b>13,501,945</b>	<b>20.6</b>	<b>51,901,722</b>	<b>65,402,767</b>	<b>13,501,945</b>	<b>20.6</b>		
<b>NEW ENGLAND:</b>																
Maine.....	791,827	213,068	26.9	578,759	628,748	50,009	8.0	-163,079	777,057	216,551	27.9	560,506	597,594	37,088	6.2	-179,463
New Hampshire.....	375,522	126,853	33.8	248,669	331,191	82,562	24.9	-44,331	367,094	124,048	33.8	243,046	320,869	77,823	24.3	-46,223
Vermont.....	407,940	157,469	38.6	250,471	303,645	53,174	17.2	-105,285	416,672	168,542	40.4	248,130	295,859	47,729	18.1	-120,813
Massachusetts.....	2,215,157	356,537	16.1	1,861,520	2,205,924	434,104	19.9	-77,775	1,842,767	299,414	16.3	1,543,080	1,944,216	401,137	26.0	-401,513
Rhode Island.....	340,098	72,982	21.5	267,116	301,826	94,710	28.2	-42,728	275,110	61,358	22.3	213,761	292,656	78,895	27.0	-117,537
Connecticut.....	773,671	166,597	21.5	607,074	781,754	174,680	22.3	-8,863	639,829	142,254	21.6	517,375	668,315	150,940	22.6	+8,686
<b>MIDDLE ATLANTIC:</b>																
New York.....	6,964,461	1,317,398	18.9	5,647,063	6,333,673	686,616	10.8	-630,782	6,123,407	1,289,966	21.1	4,833,941	5,537,873	503,032	9.4	-765,954
New Jersey.....	1,614,674	270,510	16.8	1,344,164	1,809,239	525,075	28.1	-254,564	1,296,047	211,648	17.9	1,064,399	1,447,266	382,867	26.5	-131,219
Pennsylvania.....	6,703,717	1,126,454	16.6	5,638,263	6,207,467	569,204	9.2	-556,259	5,738,285	1,077,165	18.6	4,820,800	5,504,828	448,028	9.1	-453,433
<b>E. NORTH CENTRAL:</b>																
Ohio.....	4,713,009	1,166,018	24.7	3,546,991	4,154,343	607,352	14.6	-558,666	4,304,002	1,114,165	25.9	3,189,837	3,987,517	497,680	15.0	-616,485
Indiana.....	2,805,516	774,171	27.6	2,031,345	2,332,750	301,405	12.9	-272,751	2,517,668	641,289	25.5	1,876,378	2,368,839	492,471	26.0	-148,809
Illinois.....	4,714,723	1,308,083	27.7	3,406,640	4,403,827	997,189	22.6	-310,899	3,906,946	1,012,637	25.9	2,893,857	3,837,761	943,904	29.8	-68,733
Michigan.....	2,168,465	497,560	22.9	1,670,905	2,197,411	436,326	19.9	-28,766	1,744,532	288,737	16.6	1,455,615	1,893,169	407,554	27.9	-118,817
Wisconsin.....	2,077,862	519,407	25.0	1,558,455	2,184,884	262,529	14.1	-262,878	1,687,940	383,022	22.7	1,304,918	1,947,701	242,785	15.1	-140,239
<b>W. NORTH CENTRAL:</b>																
Minnesota.....	1,446,106	324,730	22.5	1,121,376	1,523,513	402,137	26.4	+77,407	1,052,813	168,724	15.9	894,019	1,239,020	345,001	27.8	-176,207
Iowa.....	2,218,420	801,836	36.2	1,416,584	1,941,358	524,774	27.0	-277,062	1,872,717	554,340	29.6	1,318,377	1,919,570	600,853	31.3	+46,013
Missouri.....	3,141,883	918,958	29.1	2,222,925	3,045,663	822,738	27.0	-96,220	2,608,208	641,977	23.2	2,038,251	2,878,507	844,256	32.9	-229,299
North Dakota.....	245,810	47,963	19.5	197,847	414,883	216,996	52.3	+169,033	132,994	24,164	18.2	108,730	204,518	95,788	46.8	+17,624
South Dakota.....	305,604	50,419	16.3	225,185	479,887	254,762	53.1	+174,283	303,561	43,341	14.3	160,220	311,165	159,495	48.3	+197,044
Nebraska.....	839,783	244,232	29.1	595,551	1,009,607	414,056	41.0	+169,824	606,342	129,280	21.0	461,062	888,678	426,616	47.0	-279,336
Kansas.....	1,251,574	427,940	34.2	823,634	1,546,596	722,962	46.7	+230,922	930,124	285,803	31.5	630,321	1,338,667	708,335	52.9	-418,533
<b>SOUTH ATLANTIC:</b>																
Delaware.....	197,813	60,682	30.7	137,131	184,416	47,285	25.6	-13,397	185,064	55,518	30.0	129,546	170,481	40,935	24.0	-14,388
Maryland.....	1,297,179	270,824	20.9	1,026,355	1,188,138	161,783	13.6	-109,041	1,199,265	242,638	20.2	956,617	1,091,754	135,137	12.4	-107,501
Dist. Columbia.....	185,453	46,102	24.9	139,351	307,974	164,623	54.2	+118,521	154,848	34,653	22.6	119,895	208,067	88,172	53.5	+103,219
Virginia.....	2,464,845	621,693	25.2	1,843,152	2,032,038	188,886	9.3	-432,807	2,287,517	587,415	25.7	1,700,433	1,832,615	132,162	7.2	-455,266
West Virginia.....	1,118,734	187,677	16.8	931,077	1,161,002	229,925	19.8	+42,248	887,896	122,330	13.8	765,566	933,668	168,102	18.0	+46,772
North Carolina.....	2,470,495	389,767	15.8	2,080,728	2,198,333	108,605	4.9	-272,162	2,133,633	329,625	15.4	1,804,008	2,087,399	83,371	4.4	-246,294
South Carolina.....	1,692,548	261,520	15.5	1,431,028	1,508,024	76,996	5.1	-184,524	1,512,864	233,292	15.4	1,279,572	1,334,000	54,518	4.1	-178,774
Georgia.....	2,828,309	463,960	16.4	2,364,349	2,585,994	221,545	8.6	-242,415	2,420,707	410,299	17.0	2,010,408	2,200,285	189,887	8.6	-239,412
Florida.....	515,428	52,825	10.2	462,603	707,839	244,836	34.6	+192,411	379,417	36,959	9.6	342,818	502,648	159,830	31.8	+123,321
<b>E. SOUTH CENTRAL:</b>																
Kentucky.....	2,704,675	673,290	24.9	2,031,385	2,246,902	215,517	9.6	-457,773	2,427,381	542,043	22.3	1,885,338	2,092,777	207,439	9.9	-334,604
Tennessee.....	2,544,434	671,207	26.4	1,873,227	2,159,466	286,419	13.3	-384,788	2,300,292	566,405	24.6	1,733,987	1,999,337	265,370	15.3	-301,035
Alabama.....	2,316,790	458,874	19.8	1,857,916	2,114,947	257,031	12.2	-201,843	1,975,215	397,845	20.1	1,577,370	1,811,114	233,744	12.9	-164,101
Mississippi.....	1,915,124	331,281	17.3	1,583,843	1,782,607	218,768	12.3	-132,617	1,622,178	296,181	18.3	1,325,997	1,541,286	215,289	14.0	-89,892
<b>W. SOUTH CENTRAL:</b>																
Arkansas.....	1,397,657	341,717	24.4	1,055,940	1,550,015	494,075	31.9	+152,358	1,073,631	223,898	20.9	849,763	1,233,303	443,540	34.3	+219,672
Louisiana.....	1,599,273	168,337	12.1	1,430,936	1,966,245	190,309	11.9	-3,028	1,301,714	132,405	10.2	1,169,309	1,336,219	156,910	11.8	+24,506
Oklahoma.....	626,452	111,240	17.8	515,212	1,608,006	1,092,844	68.0	+981,604	240,742	31,678	13.2	209,064	765,867	506,863	72.7	+525,125
Texas.....	3,135,026	409,249	12.9	2,725,777	3,638,665	907,908	25.0	+503,639	2,897,282	307,723	9.3	2,061,575	2,859,430	827,855	29.0	+620,132
<b>MOUNTAIN:</b>																
Montana.....	132,164	32,850	24.9	99,314	277,097	177,783	64.2	+144,933	76,743	14,044	18.3	62,699	174,316	111,617	64.0	+97,573
Idaho.....	122,388	32,163	26.3	90,225	289,288	190,063	67.8	+157,900	60,496	12,074	20.0	48,422	136,544	88,122	64.5	+76,048
Wyoming.....	51,079	19,297	37.5	31,782	116,051	84,269	72.6	+64,972	30,167	10,660	35.3	9,507	74,750	55,245	73.9	+44,883
Colorado.....	323,334	89,818	27.8	233,516	663,780	430,264	64.8	+340,446	193,907	42,226	21.8	141,681	442,877	291,196	66.8	+248,970
New Mexico.....	218,693	33,944	15.5	184,749	302,703	117,954	39.0	+84,010	162,967	19,515	12.1	153,216	181,927	37,804	20.9	+18,053
Arizona.....	96,273	17,124	18.0	79,149	153,648	74,699	48.6	+57,375	59,310	6,330	11.0	52,780	97,949	45,169	46.1	+38,839
Utah.....	304,968	61,941	20.3	243,045	303,709	60,655	20.0	-1,259	220,429	38,534	17.5	181,898	222,632	40,146	18.1	+1,612
Nevada.....	40,397	18,757	46.4	21,640	61,340	39,700	64.7	+20,943	31,848	13,911	43.7	17,937	31,981	14,044	43.9	+133
<b>PACIFIC:</b>																
Washington.....	318,619	55,927	17.6	262,694	870,920	608,226	69.8	+552,301	159,918	26,980	16.9	132,935	398,542	265,667	66.6	+238,624
Oregon.....	293,640	68,338	23.3	225,302	554,640	329,538	59.4	+261,000	209,011	43,863	21.0	164,431	345,520	181,087	52.4	+137,500
California.....	1,004,607	100,611	10.0	903,996	1,767,232	863,236	48.8	+762,626	731,348	70,068	9.6	66				

WHITE AND NEGRO POPULATION BORN IN EACH STATE, WITH NUMBER AND PERCENTAGE LIVING IN OTHER STATES, AND WHITE AND NEGRO POPULATION LIVING IN EACH STATE, WITH NUMBER AND PERCENTAGE BORN IN OTHER STATES: 1910.

STATE.	WHITE PERSONS BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WHITE STATE OF BIRTH REPORTED.							NEGRO PERSONS BORN IN AND LIVING IN THE UNITED STATES <sup>1</sup> AND WITH STATE OF BIRTH REPORTED.								
	Born in the specified state.			Living in the specified state.			Gain (+) or loss (-) through inter-state migration.	Born in the specified state.			Living in the specified state.			Gain (+) or loss (-) through inter-state migration.		
	Total.	Living in other states.		Total.	Born in other states.			Total.	Living in other states.		Total.	Born in other states.				
		Number.	Per cent.		Number.	Per cent.	Number.		Per cent.	Number.		Per cent.				
<b>United States</b> .....	<b>68,070,294</b>	<b>15,264,203</b>	<b>22.4</b>	<b>52,806,091</b>	<b>58,070,294</b>	<b>15,264,203</b>	<b>22.4</b>	<b>9,746,043</b>	<b>1,616,605</b>	<b>16.6</b>	<b>8,129,438</b>	<b>9,746,043</b>	<b>1,616,605</b>	<b>16.6</b>		
<b>NEW ENGLAND:</b>																
Maine.....	789,434	212,251	26.9	577,183	626,824	49,641	7.9	-162,610	1,585	783	49.4	802	1,112	310	27.9	-473
New Hampshire.....	374,992	126,699	33.8	248,293	330,641	82,261	24.9	-44,348	506	272	53.8	234	515	281	54.6	+9
Vermont.....	406,871	156,838	38.5	250,033	301,682	51,049	17.0	-105,789	1,045	668	58.2	427	1,546	1,109	71.7	+50
Massachusetts.....	2,198,323	352,104	16.0	1,846,219	2,262,899	416,680	18.4	+64,576	19,078	4,125	21.6	14,953	31,641	16,688	52.7	+12,963
Rhode Island.....	334,400	71,643	21.4	262,847	332,889	90,042	25.5	+18,399	5,401	1,317	24.4	4,084	8,507	4,513	52.5	+3,196
Connecticut.....	763,296	163,630	21.4	599,636	766,819	167,183	21.8	+3,553	16,184	2,888	25.4	7,296	14,698	7,402	50.4	+4,514
<b>MIDDLE ATLANTIC:</b>																
New York.....	6,806,408	1,304,861	18.9	5,501,547	6,207,015	615,500	9.9	-689,393	61,550	11,800	19.2	49,750	130,629	70,279	58.6	+58,449
New Jersey.....	1,569,299	262,143	16.7	1,307,096	1,781,082	473,986	26.6	+211,843	45,312	8,295	18.3	37,017	87,702	50,754	57.8	+42,450
Pennsylvania.....	6,658,068	1,104,976	16.6	5,553,092	6,014,940	461,848	7.7	-643,128	105,233	20,293	19.3	84,960	190,738	105,778	55.5	+85,485
<b>E. NORTH CENTRAL:</b>																
Ohio.....	4,636,712	1,148,992	24.8	3,487,720	4,044,406	556,686	13.8	-592,306	76,044	16,800	22.2	59,194	109,643	50,449	46.0	+33,599
Indiana.....	2,770,353	764,400	27.6	2,005,953	2,472,618	466,726	18.9	-297,735	34,794	6,370	27.5	25,224	59,812	34,588	57.8	+25,018
Illinois.....	4,605,846	1,295,278	28.1	3,370,568	4,296,963	926,397	21.6	-368,881	48,564	12,647	26.0	35,917	106,141	70,224	66.2	+57,577
Michigan.....	2,149,417	403,696	18.8	1,745,721	2,175,508	429,757	19.8	+26,091	11,576	3,384	29.2	8,192	14,316	6,524	45.6	+2,940
Wisconsin.....	2,065,339	517,556	25.1	1,547,783	1,802,096	254,313	14.1	-263,243	3,248	1,077	47.9	1,171	2,703	1,592	57.6	+515
<b>W. NORTH CENTRAL:</b>																
Minnesota.....	1,433,733	322,375	22.5	1,111,358	1,507,839	396,481	26.3	+74,106	2,738	1,182	43.2	1,556	6,688	5,132	77.6	+3,950
Iowa.....	2,299,192	788,155	34.3	1,511,037	1,935,282	515,275	26.7	-282,190	8,736	3,483	39.9	5,253	14,702	9,419	64.3	+5,966
Missouri.....	2,991,632	879,112	29.4	2,112,520	2,800,027	777,207	26.9	-101,995	149,218	39,269	26.3	109,949	155,248	45,299	29.2	+6,030
North Dakota.....	239,110	46,668	19.5	192,442	408,237	215,755	52.9	+169,127	297	185	65.7	102	302	400	82.8	+298
South Dakota.....	288,453	78,575	27.4	209,878	460,570	251,101	54.3	+172,126	495	356	71.9	139	782	643	82.2	+287
Nebraska.....	832,777	241,290	29.0	591,248	998,757	407,489	40.8	+165,980	2,846	1,189	41.8	1,657	7,397	5,470	73.7	+4,551
Kansas.....	1,214,987	415,883	34.2	799,044	1,491,029	691,925	46.4	+276,432	33,786	10,852	32.1	22,934	53,294	30,270	56.9	+19,418
<b>SOUTH ATLANTIC:</b>																
Delaware.....	165,143	50,680	30.7	114,463	153,347	38,884	25.4	-11,799	32,664	9,996	30.6	22,668	31,067	8,399	27.0	-1,597
Maryland.....	1,034,596	299,854	29.0	734,742	956,638	131,896	13.8	-77,958	262,540	60,946	23.2	201,594	231,368	29,769	12.9	-31,177
Dist. Columbia.....	133,056	34,213	25.7	98,843	210,265	112,421	53.0	+77,239	52,282	11,823	22.6	40,459	65,517	53,058	56.7	+41,235
Virginia.....	1,587,404	268,233	16.9	1,319,171	1,361,422	142,251	10.4	-225,962	876,806	253,334	28.9	623,472	670,942	46,570	7.0	-206,764
West Virginia.....	1,082,284	178,399	16.5	903,885	1,097,205	193,320	17.6	+14,921	36,417	9,257	25.4	27,160	43,733	36,373	82.7	+27,316
North Carolina.....	1,653,835	237,222	14.3	1,416,608	1,493,679	75,073	5.0	-162,156	806,537	143,143	17.7	663,394	696,786	33,392	4.8	-109,751
South Carolina.....	735,476	123,793	17.1	609,677	672,555	62,878	9.3	-62,915	956,665	135,547	14.2	821,068	835,126	14,058	1.7	-121,479
Georgia.....	1,579,236	312,219	19.8	1,267,017	1,412,669	145,649	10.3	-166,570	1,248,352	150,505	12.1	1,097,257	1,173,078	75,821	6.5	-75,274
Florida.....	309,195	35,740	11.9	273,455	407,958	143,503	35.2	+167,763	215,110	16,614	7.7	198,496	299,774	101,278	33.8	+84,661
<b>F. SOUTH CENTRAL:</b>																
Kentucky.....	2,380,524	382,790	16.1	1,997,734	1,985,739	187,998	9.5	-394,792	223,794	90,340	27.9	233,454	260,916	27,462	10.5	-62,678
Tennessee.....	2,026,788	546,255	27.0	1,480,533	1,688,549	208,047	12.4	-338,239	317,072	125,899	24.0	393,173	470,878	77,705	16.5	-64,194
Alabama.....	1,344,469	327,202	24.3	1,017,267	1,208,219	190,952	15.8	-136,250	971,167	131,346	13.5	839,821	965,802	65,981	7.3	-65,365
Mississippi.....	880,069	211,163	24.0	668,906	775,176	112,279	14.5	-104,884	1,022,556	132,875	13.2	899,680	1,005,126	106,436	10.6	-26,439
<b>W. SOUTH CENTRAL:</b>																
Arkansas.....	1,082,034	302,287	28.0	759,647	1,109,436	349,780	31.5	+47,402	534,589	38,549	7.1	296,040	449,105	144,063	32.7	+105,116
Louisiana.....	871,758	190,289	21.9	681,469	844,532	122,163	13.8	+12,774	728,496	83,763	11.5	644,733	710,735	68,022	9.6	-15,741
Oklahoma.....	597,652	104,647	17.5	493,005	1,397,343	904,338	71.2	+889,691	51,334	5,338	10.4	45,996	136,396	80,403	58.3	+85,082
Texas.....	2,468,256	340,963	13.8	2,127,423	2,953,269	825,846	28.0	+844,913	664,832	62,062	9.3	602,770	684,644	81,833	12.0	+19,821
<b>MOUNTAIN:</b>																
Montana.....	121,283	31,433	25.9	89,907	254,861	174,954	68.1	+143,478	665	320	49.0	339	1,706	1,367	80.1	+1,041
Idaho.....	118,618	31,501	26.6	87,117	276,163	189,043	68.5	+157,542	468	399	85.3	69	608	593	88.7	+1,820
Wyoming.....	48,374	18,167	37.6	30,207	112,390	82,162	73.1	+63,965	314	161	51.3	153	2,146	1,930	92.9	+1,132
Colorado.....	317,945	87,681	27.6	230,264	581,149	420,885	64.0	+333,204	3,513	1,337	38.6	2,156	11,096	8,940	80.6	+7,883
New Mexico.....	197,037	32,770	16.6	164,267	250,012	116,333	41.5	+83,565	941	331	56.4	410	1,577	1,167	74.0	+636
Arizona.....	66,295	15,816	23.9	50,479	122,883	72,404	58.9	+56,588	538	251	46.7	287	1,945	1,638	85.2	+1,407
Utah.....	302,021	61,442	20.3	240,579	299,282	59,003	19.7	-2,439	527	365	69.3	162	1,009	847	83.9	+482
Nevada.....	34,852	18,057	51.8	16,795	55,602	38,807	69.8	+20,750	370	332	88.3	44	484	440	90.9	+108
<b>PACIFIC:</b>																
Washington.....	305,022	54,050	17.7	250,972	853,404	602,522	70.6	+548,472	1,546	1,012	65.5	534	5,591	5,007	90.0	+4,405
Oregon.....	287,645	67,573	23.5	220,072	547,322	327,250	59.8	+259,677	386	249	64.3	138	1,387	1,193	86.0	+889
California.....	967,300	94,407	9.8	872,833	1,719,712	846,879	49.2	+732,412	6,318	1,298	19.9	5,060	20,260	15,260	75.0	+13,942

<sup>1</sup> Exclusive of outlying possessions.

STATE OF BIRTH OF NATIVE POPULATION

NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910.

Table 16 DIVISION OR STATE OF RESIDENCE.	Total native born: 1910	POPULATION BORN IN--											State not specified.	Out- lying pos- sessions <sup>1</sup>
		Geographic division.												
		United States.	New Eng- land.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East North Central.	West North Central.	Mountain.	Pacific.			
<b>United States.</b>	<b>78,456,380</b>	<b>75,331,104</b>	<b>4,907,215</b>	<b>15,342,832</b>	<b>16,479,755</b>	<b>9,449,180</b>	<b>12,770,821</b>	<b>9,441,023</b>	<b>6,758,408</b>	<b>1,283,226</b>	<b>1,616,866</b>	<b>285,635</b>	<b>75,276</b>	
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.	4,727,571	4,713,432	4,338,452	252,017	38,219	13,664	40,741	5,428	4,164	3,946	5,463	11,324	11,159	
Middle Atlantic.	14,404,719	14,409,409	219,782	13,461,446	215,559	50,210	393,230	29,902	14,777	11,997	13,932	39,024	13,510	
East North Central.	15,176,835	15,161,277	97,614	638,099	13,402,685	337,230	203,063	339,229	32,429	17,919	13,195	57,947	16,578	
West North Central.	10,221,226	10,014,417	27,396	338,310	1,429,484	7,008,995	122,027	236,667	105,433	38,351	17,744	52,690	6,809	
South Atlantic.	11,894,901	11,892,399	29,808	300,437	114,568	23,632	11,292,714	182,899	17,386	3,879	4,335	22,741	2,502	
East South Central.	3,322,076	3,321,346	5,406	27,568	134,358	29,333	329,067	7,692,342	81,923	3,375	1,728	17,244	730	
West South Central.	8,432,342	8,429,177	11,308	61,474	313,673	497,004	275,645	839,532	6,347,432	17,378	8,535	36,196	3,165	
Mountain.	2,189,195	2,176,066	31,132	10,724	293,310	383,584	44,874	57,317	87,482	1,01,006	49,187	17,459	4,129	
Pacific.	3,236,495	3,223,601	100,257	232,777	546,899	594,925	69,463	77,220	67,500	92,451	1,901,287	30,809	12,894	
<b>NEW ENGLAND:</b>														
Maine.	631,809	630,039	614,579	7,005	2,610	1,472	1,491	421	233	344	570	1,231	1,770	
New Hampshire.	333,905	332,296	317,369	9,183	1,052	857	925	229	178	228	270	1,105	1,609	
Vermont.	306,035	303,826	275,058	22,946	2,204	1,127	982	516	203	271	238	1,181	2,208	
Massachusetts.	2,307,171	2,300,413	2,133,333	101,860	21,124	7,084	22,659	2,811	2,422	1,938	3,291	4,489	6,739	
Rhode Island.	363,469	362,757	332,191	18,648	3,072	998	5,283	331	406	338	337	931	712	
Connecticut.	785,182	784,081	665,920	93,273	7,257	2,126	10,061	820	720	821	714	2,327	1,101	
<b>MIDDLE ATLANTIC:</b>														
New York.	6,363,403	6,355,376	154,921	5,911,363	96,261	25,680	106,686	15,214	9,007	6,117	8,430	21,697	10,227	
New Jersey.	1,876,379	1,874,577	36,963	1,730,410	20,169	5,643	67,401	3,835	2,009	1,946	1,803	5,338	3,842	
Pennsylvania.	6,222,737	6,219,456	28,858	5,919,673	99,129	18,887	219,143	10,923	3,761	3,934	3,169	11,989	3,201	
<b>EAST NORTH CENTRAL:</b>														
Ohio.	4,168,747	4,166,373	17,739	399,983	3,684,342	29,141	106,384	95,504	5,662	2,820	2,568	12,030	2,374	
Indiana.	2,541,213	2,540,456	5,741	33,704	2,296,222	30,955	32,051	105,701	4,656	2,299	1,436	7,691	757	
Illinois.	4,433,277	4,429,948	37,333	180,850	3,785,932	100,546	51,057	135,716	18,108	7,728	6,387	26,121	3,329	
Michigan.	2,220,623	2,204,978	19,670	135,870	1,976,061	23,752	8,932	7,831	2,368	2,627	2,200	7,567	7,645	
Wisconsin.	1,819,995	1,819,522	16,931	59,692	1,699,128	62,836	4,419	4,524	1,435	3,445	2,574	4,538	1,473	
<b>WEST NORTH CENTRAL:</b>														
Minnesota.	1,532,113	1,530,332	23,251	33,756	199,064	1,227,121	6,295	5,496	1,948	3,931	2,680	7,019	1,581	
Iowa.	1,951,066	1,949,754	14,523	79,491	286,047	1,517,802	17,754	13,655	4,626	4,721	2,679	8,396	1,152	
Missouri.	3,063,556	3,062,454	10,310	59,529	337,038	2,366,528	51,124	153,191	55,730	7,617	5,696	16,791	2,102	
North Dakota.	429,402	419,744	3,559	13,449	69,498	319,883	3,304	1,826	812	1,639	873	4,901	658	
South Dakota.	483,098	482,617	4,361	17,673	84,130	360,160	3,322	2,430	1,458	3,347	1,006	2,430	658	
Nebraska.	1,015,552	1,014,745	8,638	47,209	161,283	755,729	12,135	9,954	4,920	8,012	2,307	5,138	807	
Kansas.	1,555,499	1,554,571	9,534	67,203	281,424	1,061,712	28,122	50,115	35,999	9,084	3,600	7,975	928	
<b>SOUTH ATLANTIC:</b>														
Delaware.	184,830	184,764	1,073	21,139	1,140	393	160,133	291	81	65	79	1,478	66	
Maryland.	1,190,402	1,189,881	4,537	33,645	8,903	2,962	1,112,457	2,750	1,162	559	733	1,743	521	
District of Columbia.	306,167	305,742	7,346	26,792	12,317	4,207	249,365	4,637	1,812	621	767	1,768	425	
Virginia.	2,034,535	2,034,169	3,969	25,469	12,457	4,172	1,958,800	23,827	1,837	801	698	2,131	396	
West Virginia.	1,163,901	1,163,796	1,238	43,086	51,841	2,773	1,037,326	22,330	1,916	900	971	2,704	195	
North Carolina.	2,200,195	2,200,065	1,727	5,968	3,542	1,371	2,172,504	11,349	1,375	255	232	1,722	140	
South Carolina.	1,509,221	1,509,132	1,033	2,789	1,467	536	1,435,677	5,342	896	186	84	1,038	89	
Georgia.	2,593,641	2,593,323	2,841	8,441	8,216	2,057	2,493,462	63,949	5,148	516	364	7,429	321	
Florida.	1,117,886	1,117,627	5,614	13,178	14,655	4,239	1,061,781	48,424	4,159	382	407	3,788	339	
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.	2,249,743	2,249,528	1,527	9,166	81,926	10,241	316,254	2,101,159	5,409	696	524	2,626	215	
Tennessee.	2,165,182	2,165,940	1,970	9,475	29,418	10,619	955,981	1,991,697	19,587	534	645	6,294	242	
Alabama.	2,118,807	2,118,636	1,333	6,387	14,507	4,144	148,212	1,928,437	11,106	540	309	3,833	171	
Mississippi.	1,787,344	1,787,242	574	2,570	8,507	4,929	48,620	1,671,649	45,823	285	250	4,655	107	
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.	1,537,405	1,537,208	1,271	7,231	64,668	69,155	60,482	211,402	1,128,312	1,548	975	7,166	195	
Louisiana.	1,693,622	1,693,041	1,399	6,633	13,079	9,980	27,476	89,367	1,446,748	599	651	6,796	581	
Oklahoma.	1,616,713	1,616,206	3,018	24,303	157,663	326,899	32,064	167,345	866,759	6,810	2,884	8,150	507	
Texas.	3,654,694	3,652,722	5,480	23,083	78,272	91,480	139,622	391,638	2,965,642	8,421	4,255	14,057	1,882	
<b>MOUNTAIN:</b>														
Montana.	281,340	280,583	6,012	17,566	54,328	69,422	5,419	5,687	3,026	108,402	5,725	3,488	755	
Idaho.	283,016	282,482	3,269	11,447	41,123	38,419	3,067	5,465	2,969	130,139	18,848	2,137	591	
Wyoming.	116,945	116,713	2,110	8,053	18,979	33,619	3,027	2,826	2,649	43,394	1,141	700	194	
Colorado.	609,437	608,534	12,772	30,239	124,906	165,600	16,800	20,230	16,384	322,319	4,246	4,754	903	
New Mexico.	304,133	303,817	1,246	5,222	18,072	24,029	5,172	13,271	43,124	191,282	1,196	1,114	338	
Arizona.	155,188	155,065	1,857	6,234	14,057	12,263	3,752	5,428	13,336	90,425	2,096	1,957	584	
Utah.	307,829	306,928	1,927	6,950	13,402	13,623	3,114	3,056	1,587	257,387	2,623	3,219	601	
Nevada.	62,184	62,021	1,807	4,411	7,836	6,599	1,303	1,349	1,312	28,461	8,268	681	163	
<b>PACIFIC:</b>														
Washington.	885,749	882,241	22,570	60,709	193,141	196,423	23,198	21,413	15,186	27,833	310,024	11,321	3,508	
Oregon.	559,620	558,399	9,962	30,888	96,892	105,334	10,577	12,668	10,311	17,674	269,794	3,729	1,250	
California.	1,791,114	1,782,991	67,316	141,180	256,066	202,969	38,778	43,717	46,844	930,460	15,759	18,126		

<sup>1</sup> Includes also persons born at sea under United States flag and American citizens born abroad.

## NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Continued.

DIVISION OR STATE OF RESIDENCE.	POPULATION BORN IN—														
	New England division.					Middle Atlantic division.			East North Central division.						
	Maine.	New Hampshire.	Vermont.	Massachusetts.	Rhode Island.	Connecticut.	New York.	New Jersey.	Pennsylvania.	Ohio.	Indiana.	Illinois.	Michigan.	Wisconsin.	
<b>United States</b> .....	<b>791,827</b>	<b>375,922</b>	<b>407,949</b>	<b>2,218,187</b>	<b>340,698</b>	<b>773,671</b>	<b>3,994,461</b>	<b>1,614,674</b>	<b>6,763,717</b>	<b>4,713,009</b>	<b>2,805,516</b>	<b>4,714,723</b>	<b>2,168,645</b>	<b>2,077,862</b>	
<b>GEOGRAPHIC DIVISIONS:</b>															
New England.....	700,758	340,038	322,744	1,999,329	311,786	663,797	195,278	22,778	33,961	10,685	3,069	10,786	9,027	4,651	
Middle Atlantic.....	17,761	9,227	28,466	89,151	13,663	61,314	6,014,639	1,969,815	5,936,972	110,773	19,640	41,463	30,579	13,095	
East North Central.....	13,650	7,096	18,755	37,386	3,900	16,377	323,116	26,779	306,204	3,954,072	2,296,813	3,302,391	1,896,829	1,602,560	
West North Central.....	16,461	6,364	16,843	22,547	2,476	9,205	159,935	14,423	163,352	264,974	225,400	614,906	77,362	238,182	
South Atlantic.....	4,867	2,061	2,524	12,557	2,173	5,656	51,334	15,808	133,295	71,981	13,421	15,036	9,153	4,977	
East South Central.....	811	313	543	2,365	335	369	11,837	1,330	14,501	55,857	43,762	25,246	6,117	3,376	
West South Central.....	2,336	926	1,668	4,284	552	1,602	26,595	3,228	31,741	62,551	78,402	144,086	15,456	13,088	
Mountain.....	7,675	2,958	4,879	11,274	1,142	3,813	52,254	6,301	52,139	63,108	44,942	104,813	36,569	43,878	
Pacific.....	27,508	7,659	12,017	35,844	4,071	10,745	127,813	14,012	90,952	119,007	79,938	106,396	87,522	94,635	
<b>NEW ENGLAND:</b>															
Maine.....	578,739	10,621	2,569	19,899	1,251	1,500	4,583	695	1,727	704	244	259	644	459	
New Hampshire.....	15,992	248,629	19,663	30,090	1,358	1,637	7,490	647	1,046	424	125	513	598	292	
Vermont.....	2,142	9,734	250,480	10,389	546	1,407	20,599	450	997	505	135	698	446	510	
Massachusetts.....	94,515	64,503	41,439	1,861,820	32,553	38,505	77,522	8,677	15,664	5,787	1,612	6,253	5,230	2,842	
Rhode Island.....	4,718	3,261	3,032	46,330	367,116	13,674	12,475	2,335	3,968	954	286	753	701	314	
Connecticut.....	4,292	3,230	5,661	36,801	8,962	607,074	72,709	9,974	10,592	2,312	673	2,100	1,408	764	
<b>MIDDLE ATLANTIC:</b>															
New York.....	11,188	6,198	24,013	60,900	8,740	43,882	5,647,063	99,068	162,232	34,913	8,610	23,635	20,704	8,299	
New Jersey.....	3,297	1,620	2,943	15,149	2,614	11,280	252,720	1,844,164	133,477	7,945	2,261	5,702	7,782	1,484	
Pennsylvania.....	3,276	1,409	2,410	13,102	2,309	6,352	114,827	66,583	5,638,263	67,915	8,778	12,126	6,998	3,312	
<b>EAST NORTH CENTRAL:</b>															
Ohio.....	1,675	1,127	2,894	7,614	785	4,141	37,368	6,740	145,875	3,546,991	66,794	25,753	38,621	5,883	
Indiana.....	686	443	849	2,402	290	1,080	15,771	2,933	34,000	157,119	2,031,346	80,827	22,366	4,865	
Illinois.....	4,515	2,895	6,438	16,280	1,669	5,801	92,360	10,434	73,116	122,391	143,158	3,406,638	46,419	67,296	
Michigan.....	2,913	1,377	4,334	6,889	661	3,496	116,847	4,525	32,498	109,332	45,597	33,366	1,761,085	26,081	
Wisconsin.....	3,861	1,254	4,754	4,631	532	1,859	41,830	2,147	15,715	17,639	9,889	46,107	28,008	1,538,455	
<b>WEST NORTH CENTRAL:</b>															
Minnesota.....	8,024	1,827	4,667	6,234	618	1,981	35,469	2,025	16,271	18,226	11,681	46,192	26,217	96,744	
Iowa.....	2,142	1,335	4,237	4,112	499	1,998	36,143	3,183	40,165	61,831	37,852	138,310	9,511	38,323	
Missouri.....	1,403	759	1,474	4,329	484	1,661	26,173	3,107	30,249	64,616	64,237	186,691	10,124	11,370	
North Dakota.....	1,036	275	790	991	99	378	7,554	466	5,429	6,499	9,416	16,903	6,577	30,003	
South Dakota.....	947	384	1,205	1,196	141	488	10,160	646	6,867	8,682	7,498	32,860	6,300	31,210	
Nebraska.....	1,318	690	1,909	2,407	329	1,315	21,019	2,231	23,859	31,204	25,483	77,709	8,243	18,644	
Kansas.....	1,591	794	2,271	2,988	306	1,384	23,426	2,765	41,012	73,896	69,293	116,341	10,211	11,684	
<b>SOUTH ATLANTIC:</b>															
Delaware.....	135	69	77	405	73	314	2,560	2,825	15,774	425	159	275	210	71	
Maryland.....	979	199	315	2,197	353	893	9,517	3,491	40,637	4,151	1,255	1,792	1,129	606	
District of Columbia.....	1,101	598	682	3,254	506	1,235	11,536	6,263	12,413	5,093	2,069	2,774	1,449	942	
Virginia.....	665	268	276	1,734	298	768	8,850	2,803	13,816	5,438	1,697	2,167	1,784	1,371	
West Virginia.....	248	100	157	524	68	161	3,501	841	38,744	46,814	2,550	1,420	760	297	
North Carolina.....	268	141	203	668	134	323	2,315	590	3,063	1,393	818	660	469	202	
South Carolina.....	126	74	82	408	186	157	1,365	229	1,125	542	261	339	218	107	
Georgia.....	388	179	241	1,256	281	546	4,433	889	3,119	3,222	1,732	1,865	972	406	
Florida.....	1,017	463	490	2,661	324	1,259	7,257	1,417	4,504	4,903	2,870	3,744	2,162	975	
<b>EAST SOUTH CENTRAL:</b>															
Kentucky.....	163	73	125	811	96	259	3,614	532	5,020	38,857	30,830	10,188	1,328	723	
Tennessee.....	317	164	239	780	128	342	4,181	535	4,759	10,229	7,812	7,728	2,494	1,157	
Alabama.....	213	108	117	534	86	257	3,269	328	3,820	4,955	2,974	4,129	1,388	1,061	
Mississippi.....	118	48	62	230	25	101	1,233	135	1,202	1,816	2,146	3,203	907	435	
<b>WEST SOUTH CENTRAL:</b>															
Arkansas.....	209	110	212	475	80	185	3,096	371	3,764	9,332	16,831	33,682	2,992	1,731	
Louisiana.....	234	68	147	845	70	235	3,300	411	2,414	3,276	2,613	4,727	1,558	896	
Oklahoma.....	462	273	633	909	126	433	8,392	976	15,135	33,094	41,249	71,085	6,115	6,230	
Texas.....	1,251	473	676	2,055	276	749	11,187	1,470	10,428	16,349	17,769	34,592	5,211	4,341	
<b>MOUNTAIN:</b>															
Montana.....	1,998	434	975	1,905	197	593	8,464	996	8,406	8,450	6,208	14,327	10,825	14,928	
Idaho.....	1,018	233	550	1,034	99	305	5,237	510	5,700	7,039	5,545	13,172	6,126	9,251	
Wyoming.....	411	207	366	801	94	228	3,640	422	3,993	4,323	3,047	7,331	1,751	2,927	
Colorado.....	2,610	947	2,024	4,828	508	1,855	23,802	2,941	23,596	30,573	21,219	49,964	11,649	12,085	
New Mexico.....	301	157	188	467	43	150	2,381	271	2,640	4,087	3,564	7,607	1,685	1,129	
Arizona.....	477	126	273	793	67	251	3,082	424	2,818	3,549	2,289	4,700	2,100	1,419	
Utah.....	394	138	285	797	78	245	3,385	442	3,193	3,169	2,026	5,024	1,700	1,429	
Nevada.....	523	118	299	719	56	186	2,293	295	1,823	1,918	1,041	2,488	1,273	1,119	
<b>PACIFIC:</b>															
Washington.....	8,650	1,593	2,939	7,511	707	2,179	31,766	2,707	26,296	32,849	33,773	51,163	38,089	47,267	
Oregon.....	2,911	787	1,356	3,218	354	1,136	16,115	1,421	19,352	20,030	11,877	27,942	15,198	18,755	
California.....	16,547	4,979	7,532	25,115	3,010	7,433	79,992	9,884	51,304	66,128	41,288	87,291	34,236	28,043	

## STATE OF BIRTH OF NATIVE POPULATION.

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NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Contd. DIVISION OR STATE OF RESIDENCE.	POPULATION BORN IN—															
	West North Central division.							South Atlantic division.								
	Minne- sota.	Iowa.	Missour- i.	North Dakota.	South Dakota.	Ne- braska.	Kansas.	Delaw- are.	Mary- land.	Dist. Colum- bia.	Vir- ginia.	West Vir- ginia.	North Caro- lina.	South Caro- lina.	Georgia.	Flori- da.
United States.....	1,446,106	2,218,420	3,341,883	245,810	305,604	839,783	1,251,574	197,813	1,287,179	185,455	2,466,845	1,118,754	2,470,465	1,692,546	2,828,369	515,428
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	3,650	3,269	2,982	450	438	1,223	1,650	1,432	6,829	2,606	14,671	1,040	6,473	2,812	3,362	1,525
Middle Atlantic.....	7,041	11,628	15,162	950	1,348	4,233	6,848	38,390	100,801	15,165	132,960	30,311	34,747	15,831	14,316	5,329
W. North Central.....	52,494	95,656	115,353	4,979	8,194	23,126	37,446	3,640	27,800	3,752	63,717	65,718	20,961	4,971	10,942	2,362
E. North Central.....	1,247,409	1,805,901	2,433,938	216,743	265,289	689,087	983,628	1,690	14,667	2,025	51,076	21,337	16,410	4,697	9,416	1,709
South Atlantic.....	2,912	3,444	3,490	490	728	2,087	3,481	149,789	1,119,229	166,944	2,074,347	969,282	2,271,118	1,569,500	2,483,947	482,448
E. South Central.....	2,064	4,028	17,948	264	640	1,120	3,299	344	5,785	649	56,939	6,051	53,386	30,933	101,989	11,949
W. South Central.....	7,388	60,008	281,301	1,098	2,713	22,502	122,444	521	5,349	994	39,685	10,132	47,574	35,774	138,925	6,098
Mountain.....	35,109	101,362	111,730	7,145	9,878	50,820	67,540	903	4,676	1,088	15,277	7,740	8,021	1,958	7,138	1,096
Pacific.....	88,069	131,064	131,907	13,091	16,376	48,583	75,238	1,701	8,770	2,230	19,183	11,143	12,205	2,955	9,174	2,102
<b>NEW ENGLAND:</b>																
Maine.....	636	247	181	105	60	96	133	54	433	111	298	91	160	71	162	111
New Hampshire.....	232	237	136	48	42	67	95	36	174	77	232	45	107	59	97	68
Vermont.....	219	324	161	44	73	141	165	18	129	78	304	25	91	73	188	76
Massachusetts.....	1,875	1,672	1,752	109	167	604	845	681	3,520	1,394	7,961	457	3,832	1,624	1,787	803
Rhode Island.....	257	207	236	30	35	120	113	124	1,072	361	2,076	147	541	331	463	148
Connecticut.....	409	582	516	54	71	197	297	519	1,492	583	3,760	275	1,742	634	665	329
<b>MIDDLE ATLANTIC:</b>																
New York.....	4,388	6,126	8,516	518	705	2,270	3,151	3,048	17,369	6,309	40,856	2,646	14,450	10,098	8,092	3,227
New Jersey.....	775	1,342	2,055	98	164	449	700	8,423	15,545	5,289	26,177	1,000	7,720	2,272	2,284	906
Pennsylvania.....	1,878	4,160	5,191	334	479	1,508	2,937	26,919	73,176	6,267	65,927	10,665	12,577	3,106	3,340	1,166
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	2,538	7,704	9,548	432	502	2,533	5,884	885	11,724	1,175	31,007	50,547	5,814	1,641	3,154	637
Indiana.....	1,854	7,246	11,595	429	406	2,471	6,954	572	3,485	368	11,736	5,194	8,183	630	1,981	302
Illinois.....	12,733	57,948	85,161	1,197	2,311	11,968	19,008	978	9,649	1,664	17,360	7,580	5,417	2,222	5,104	1,095
Michigan.....	4,594	6,446	4,475	989	1,280	2,547	3,421	373	1,839	368	2,531	1,746	867	286	670	278
Wisconsin.....	30,755	16,312	4,556	1,932	3,486	3,607	2,179	232	1,112	177	1,083	651	280	186	436	250
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	1,121,376	67,100	6,485	12,980	11,010	5,165	3,005	218	1,312	313	1,736	937	524	258	695	273
Iowa.....	16,669	1,416,884	39,954	1,361	8,454	21,724	18,406	333	2,960	211	7,066	3,654	2,081	314	900	225
Missouri.....	4,207	56,893	2,222,925	170	1,449	19,733	66,751	457	4,520	777	6,300	6,300	7,538	1,540	4,989	624
North Dakota.....	68,972	30,353	4,783	197,847	12,669	8,484	1,573	65	401	38	1,164	724	659	101	97	37
South Dakota.....	27,143	75,815	7,247	2,966	235,125	15,347	5,417	64	475	74	1,006	608	402	192	61	1
Nebraska.....	5,312	94,282	39,929	526	4,940	105,531	21,848	236	1,743	308	5,085	3,447	1,960	275	584	197
Kansas.....	3,730	64,333	139,800	481	1,642	28,083	825,628	319	3,256	404	10,400	6,607	4,128	797	1,869	272
<b>SOUTH ATLANTIC:</b>																
Delaware.....	40	104	119	35	19	30	48	137,131	19,779	294	2,156	187	220	106	97	63
Maryland.....	303	634	1,156	69	73	261	376	9,715	636,355	10,591	45,810	12,958	4,257	1,219	1,201	345
District of Columbia.....	603	1,098	1,337	72	114	322	601	896	41,222	139,331	32,714	2,444	4,482	1,993	1,888	362
Virginia.....	645	850	1,323	143	227	450	534	1,288	15,239	5,149	843,159	12,957	73,813	3,733	2,686	740
West Virginia.....	175	606	1,085	38	39	244	580	140	11,407	502	83,332	931,077	9,174	655	610	169
North Carolina.....	100	235	482	25	40	238	251	246	1,626	273	29,939	92,032	689,728	42,525	6,589	675
South Carolina.....	75	104	224	18	28	98	68	77	650	115	3,422	254	42,749	1,431,028	16,373	1,009
Georgia.....	355	771	1,131	33	98	212	337	160	1,398	418	8,709	402	28,533	72,891	2,364,349	16,092
Florida.....	526	1,042	1,583	57	90	281	660	226	1,142	251	4,907	1,010	17,642	39,346	89,254	463,003
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	372	936	6,019	108	42	266	1,558	105	1,124	178	18,541	7,136	4,994	637	2,322	387
Tennessee.....	617	1,405	6,690	90	332	429	996	101	1,022	228	23,228	11,818	29,066	3,317	33,955	961
Alabama.....	441	857	1,862	49	199	268	468	88	812	163	7,638	488	8,772	14,237	107,643	8,571
Mississippi.....	604	830	2,377	17	67	157	277	50	849	80	7,551	242	10,554	9,445	17,619	2,238
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	806	5,286	54,046	110	292	1,474	7,171	54	733	137	6,599	1,419	15,459	13,162	27,207	683
Louisiana.....	586	1,711	6,018	62	88	351	1,134	75	1,333	208	5,380	259	3,769	3,703	10,723	927
Oklahoma.....	3,553	41,162	166,266	448	1,513	16,844	101,179	151	1,216	217	9,860	5,940	9,483	4,015	20,485	1,727
Texas.....	2,443	11,888	59,051	478	850	3,803	12,960	244	2,067	425	17,816	2,415	18,963	14,914	70,510	3,361
<b>MOUNTAINS:</b>																
Montana.....	17,403	17,453	15,703	4,594	3,642	5,655	4,970	107	746	133	1,513	901	1,100	229	535	95
Idaho.....	7,859	16,168	15,289	1,359	1,687	7,351	8,706	67	370	106	1,983	1,248	1,161	171	687	94
Wyoming.....	1,238	10,651	7,293	166	1,501	5,552	4,215	54	435	95	859	496	521	136	609	60
Colorado.....	5,785	44,276	50,726	639	2,176	24,643	37,356	422	2,091	420	4,335	3,294	2,746	390	2,428	354
New Mexico.....	521	4,184	11,606	68	204	1,176	6,281	22	285	81	1,288	612	708	286	1,644	156
Arizona.....	802	2,417	5,205	116	344	722	2,756	43	337	108	934	516	401	221	943	169
Utah.....	944	4,303	3,634	120	248	2,059	2,285	77	292	90	821	412	588	239	474	121
Nevada.....	556	1,908	2,269	87	176	632	971	71	210	55	344	201	156	61	167	38
<b>PACIFIC:</b>																
Washington.....	32,198	47,862	38,645	7,867	8,000	17,647	24,186	450	2,075	402	6,827	4,455	5,962	733	2,002	582
Oregon.....	16,499	28,242	25,456	3,025	3,809	12,566	15,937	232	1,126	216	3,114	1,983	2,345	316	921	322
California.....	19,372	54,960	67,786	2,799	4,567	18,370	35,115	1,019	5,569	1,552	9,242	4,703	4,338	1,886	6,251	1,198

## NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Continued. DIVISION OR STATE OF RESIDENCE.	POPULATION BORN IN—															
	East South Central division.				West South Central division.				Mountain division.							
	Ken- tucky.	Tennes- see.	Alaba- ma.	Missis- sippi.	Arkan- sas.	Louis- iana.	Okla- homa.	Texas.	Mont- tana.	Idaho.	Wyom- ing.	Colo- rado.	New Mexico.	Ariz- ona.	Utah.	Nev- ada.
United States	2,704,678	2,544,494	2,316,790	1,915,124	1,397,657	1,509,273	626,482	5,135,026	132,164	122,388	51,079	323,334	118,692	96,273	309,968	40,387
<b>GEOGRAPHIC DIVISIONS:</b>																
New England	2,166	1,341	1,392	329	395	2,433	169	1,167	508	400	199	1,400	612	226	200	385
Middle Atlantic	14,327	7,445	5,802	2,558	1,710	7,021	847	5,199	1,359	1,265	899	3,919	1,433	1,496	831	775
East North Central	254,780	62,093	12,319	10,102	9,655	8,377	5,044	9,133	2,746	2,320	1,241	7,466	1,279	1,141	1,207	532
West North Central	124,195	85,631	11,069	13,772	40,477	8,659	32,745	23,612	5,716	2,528	4,215	19,314	2,276	1,003	2,065	784
South Atlantic	39,805	48,144	86,309	8,641	3,752	5,252	1,016	7,366	425	592	294	1,097	426	273	442	331
East South Central	2,084,251	2,004,079	1,968,915	1,635,907	22,382	40,178	2,165	17,200	394	433	94	802	217	232	142	159
West South Central	121,605	288,216	216,741	233,290	1,288,152	1,515,356	557,233	2,986,691	799	1,199	577	6,464	5,457	1,595	875	412
Mountain	26,090	18,757	7,154	5,316	13,588	3,715	16,518	33,661	106,556	98,721	39,970	256,443	202,853	82,989	287,942	25,582
Pacific	35,456	28,726	7,029	6,019	17,546	8,282	10,695	30,977	13,762	14,941	3,500	26,429	3,669	7,369	11,264	11,427
<b>NEW ENGLAND:</b>																
Maine	158	89	135	39	30	84	17	102	68	49	7	117	43	10	19	31
New Hampshire	86	39	71	33	27	82	20	49	36	25	16	71	7	11	13	49
Vermont	165	106	164	21	35	47	19	102	39	34	15	80	41	7	26	29
Massachusetts	1,123	686	710	290	205	1,537	75	965	597	199	115	652	333	83	110	179
Rhode Island	239	151	112	38	41	260	6	101	36	32	18	102	64	31	12	43
Connecticut	402	210	200	108	57	423	32	298	62	61	28	378	124	84	20	64
<b>MIDDLE ATLANTIC:</b>																
New York	6,943	3,652	3,120	1,499	947	4,405	347	3,308	784	573	562	2,067	664	595	481	401
New Jersey	1,821	905	809	320	214	1,067	79	1,957	212	89	540	495	168	122	163	163
Pennsylvania	5,563	2,888	1,933	539	549	1,549	421	6,442	418	480	248	1,322	294	733	228	211
<b>EAST NORTH CENTRAL:</b>																
Ohio	83,028	8,904	2,343	1,229	1,050	1,517	1,733	1,362	325	328	189	1,244	195	226	190	123
Indiana	89,185	13,797	1,767	951	1,687	900	754	1,315	161	767	83	841	114	178	116	39
Illinois	74,543	36,939	7,063	7,181	5,907	5,065	2,018	5,118	985	661	466	3,703	626	446	639	202
Michigan	5,134	1,698	694	415	624	498	376	570	603	268	169	1,014	189	128	158	98
Wisconsin	2,890	757	551	326	387	387	163	488	672	283	334	664	155	163	104	70
<b>WEST NORTH CENTRAL:</b>																
Minnesota	3,277	1,215	566	438	399	573	268	708	1,711	350	225	760	522	110	174	70
Iowa	7,534	4,233	874	1,014	1,173	604	1,559	1,250	576	518	460	2,238	603	102	412	132
Missouri	77,325	60,713	6,488	8,665	28,822	8,588	6,436	11,884	659	557	422	4,304	629	296	559	191
North Dakota	1,084	415	119	208	182	92	170	368	950	132	95	271	45	38	62	46
South Dakota	1,340	780	144	166	373	114	397	574	801	104	1,137	916	101	37	114	77
Nebraska	5,871	2,937	447	659	1,199	444	1,710	1,567	508	459	1,484	4,692	214	119	435	101
Kansas	29,764	15,358	2,431	2,582	8,329	1,444	18,985	7,241	450	408	392	6,133	953	301	369	138
<b>SOUTH ATLANTIC:</b>																
Delaware	147	92	28	24	12	36	6	27	13	5	5	27	1	6	7	3
Maryland	1,680	777	583	398	166	473	76	445	60	76	24	158	107	57	42	35
District of Columbia	1,606	1,442	823	706	284	579	124	825	83	78	73	156	61	44	88	38
Virginia	15,813	12,865	1,568	643	400	510	126	807	74	116	41	180	131	29	158	22
West Virginia	19,263	2,241	663	163	307	179	163	267	50	104	94	124	44	50	27	8
North Carolina	1,180	8,104	1,377	668	393	272	81	622	7	67	12	100	13	15	20	20
South Carolina	533	3,747	1,549	522	331	181	47	457	26	32	14	27	6	9	11	52
Georgia	3,240	15,713	42,458	2,538	1,164	1,296	290	2,518	72	62	18	188	36	33	25	112
Florida	4,005	4,163	37,267	2,969	795	1,814	190	1,410	40	54	13	155	34	29	16	41
<b>EAST SOUTH CENTRAL:</b>																
Kentucky	2,031,383	64,498	3,141	2,135	1,679	1,387	453	1,890	87	167	31	237	60	61	24	29
Tennessee	41,036	873,227	29,729	46,130	10,129	3,127	730	5,592	92	167	30	293	73	70	67	62
Alabama	5,605	41,988	857,916	22,928	2,234	3,447	510	4,815	30	74	25	199	56	69	36	51
Mississippi	5,325	24,306	78,119	1,563,839	8,240	32,217	463	4,903	83	27	8	73	28	32	15	17
<b>WEST SOUTH CENTRAL:</b>																
Arkansas	24,337	84,870	38,013	64,132	1,055,940	34,837	11,981	25,554	94	224	78	696	184	86	87	99
Louisiana	4,864	6,189	22,283	56,129	15,324	1,405,936	570	24,918	46	111	14	227	56	66	33	44
Oklahoma	43,431	62,455	33,198	28,261	132,763	13,313	515,212	205,462	397	469	298	3,408	1,493	457	191	97
Texas	48,973	134,702	123,245	84,718	84,125	61,970	29,490	2,730,757	292	395	187	2,133	3,724	986	562	172
<b>MOUNTAIN:</b>																
Montana	3,417	1,607	347	316	795	250	804	1,777	99,314	1,621	1,450	2,622	218	187	2,090	900
Idaho	2,499	2,239	356	311	2,043	298	1,478	1,539	3,476	900	1,937	4,322	224	374	28,728	850
Wyoming	1,517	810	327	182	531	173	501	1,435	878	1,298	3,132	3,534	695	171	5,180	146
Colorado	10,103	6,267	2,272	1,588	3,767	1,267	4,931	6,679	770	609	2,229	233,516	11,992	550	2,325	319
New Mexico	4,366	4,764	2,324	1,821	4,353	922	7,348	30,596	75	90	91	4,266	184,749	1,487	469	55
Arizona	2,168	1,578	895	687	1,542	333	1,122	10,139	328	392	143	2,033	4,477	499	2,679	422
Utah	1,309	1,063	380	304	576	167	184	860	1,217	4,106	2,063	4,340	382	975	243,054	1,250
Nevada	711	369	133	107	241	195	150	726	498	470	275	1,808	116	337	3,417	21,640
<b>PACIFIC:</b>																
Washington	10,079	8,155	1,778	1,403	4,887	1,085	3,522	5,692	7,845	7,494	1,255	7,080	568	443	2,236	1,012
Oregon	5,410	5,193	825	670	3,310	649	2,380	3,972	2,511	4,796	858	4,839	402	464	2,876	1,018
California	19,967	15,378	4,426	3,946	9,349	6,548	4,793	21,313	3,406	2,741	1,477	14,510	2,669	6,462	6,152	9,397

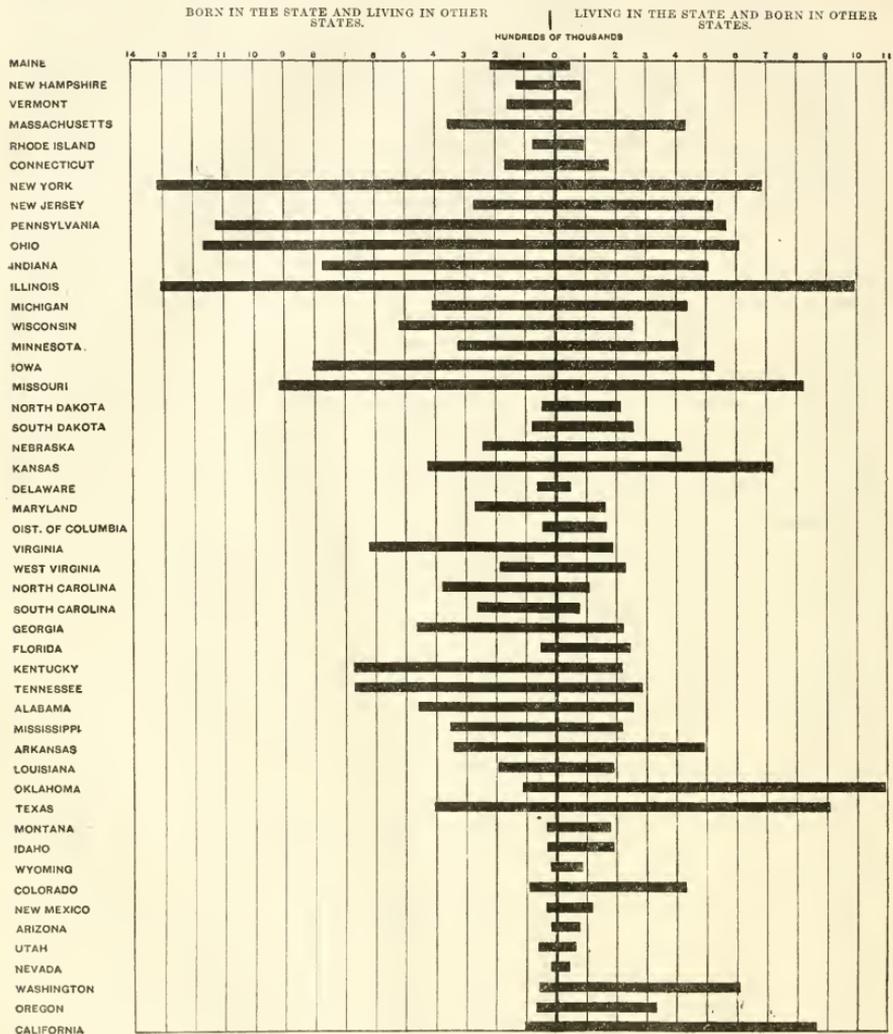
## STATE OF BIRTH OF NATIVE POPULATION.

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NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Continued.	POPULATION BORN IN—											Bora at sea under United States flag.	American citizens born abroad.
	Pacific division.			United States (state not reported).	Outlying possessions.					1,560	66,351		
	Washington.	Oregon.	California.		Alaska.	Guam.	Hawaii.	Philippine Islands.	Porto Rico.				
DIVISION OR STATE OF RESIDENCE.	318,619	293,640	1,004,607	288,885	1,075	19	3,741	1,017	1,513	1,560	66,351		
<b>United States</b> .....	318,619	293,640	1,004,607	288,885	1,075	19	3,741	1,017	1,513	1,560	66,351		
<b>GEOGRAPHIC DIVISIONS:</b>													
New England.....	735	413	4,315	11,324	12		53	40	42	226	13,786		
Middle Atlantic.....	2,177	1,201	10,014	39,024	42		64	74	747	344	14,139		
East-North Central.....	4,243	2,051	8,901	57,947	43		57	64	72	221	15,121		
West North Central.....	5,504	3,777	8,463	52,950	38		19	93	21	172	6,466		
South Atlantic.....	1,181	749	2,405	22,741	6		23	103	203	210	1,957		
East South Central.....	410	215	1,103	17,244	4		2	18	5	60	641		
West South Central.....	1,786	1,398	5,351	36,196	7		3	145	61	107	2,722		
Mountain.....	13,238	11,835	24,114	17,450	31		105	48	10	76	3,859		
Pacific.....	289,345	272,001	939,941	30,809	892	19	3,415	432	332	194	7,590		
<b>NEW ENGLAND:</b>													
Maine.....	74	54	465	1,291	1		8	3	2	52	1,704		
New Hampshire.....	47	24	1,097	1,105	1		2		4	5	1,599		
Vermont.....	57	22	159	1,181				17	5	27	2,160		
Massachusetts.....	418	227	2,646	4,489	6		34	15	25	104	6,574		
Rhode Island.....	51	27	279	931			4	2	2	9	695		
Connecticut.....	88	59	567	2,327	4		5	3	4	29	1,056		
<b>MIDDLE ATLANTIC:</b>													
New York.....	1,157	628	6,645	21,697	25		44	46	641	126	9,345		
New Jersey.....	267	114	1,472	5,338	6		4	20	23	44	1,705		
Pennsylvania.....	753	459	1,947	11,989	11		16	8	83	74	3,089		
<b>EAST NORTH CENTRAL:</b>													
Ohio.....	497	432	1,639	12,030	6		12	15	11	43	2,287		
Indiana.....	296	224	916	7,691	7		12	3	11	32	6,922		
Illinois.....	1,318	738	4,301	26,121	9		23	24	23	49	3,201		
Michigan.....	659	370	1,231	7,567	19		6	18	11	50	7,641		
Wisconsin.....	1,473	287	814	4,338	2		4	4	16	47	1,490		
<b>WEST NORTH CENTRAL:</b>													
Minnesota.....	1,275	480	925	7,019	11		5	5	2	26	1,532		
Iowa.....	779	601	1,299	8,396	6			22	2	33	1,189		
Missouri.....	1,026	785	2,785	16,791	5		5	22	10	20	1,040		
North Dakota.....	392	200	281	4,901	4		1	1		19	633		
South Dakota.....	337	260	389	2,730			1	5			475		
Nebraska.....	631	638	1,038	5,138	6		2	17	5	12	765		
Kansas.....	1,044	813	1,746	7,975	6		5	21	2	62	832		
<b>SOUTH ATLANTIC:</b>													
Delaware.....	16	9	54	348			1	1	3	1	60		
Maryland.....	220	57	456	1,743	1		1	8	48	18	445		
District of Columbia.....	109	80	578	1,768	3		6	56	48	8	301		
Virginia.....	283	54	361	2,131	2		6	20	11	19	328		
West Virginia.....	298	436	237	2,704				2	2	10	181		
North Carolina.....	81	28	123	1,722				2	1	16	127		
South Carolina.....	20	6	58	1,108				1	2	5	81		
Georgia.....	53	26	285	7,429				5	7	5	131		
Florida.....	101	53	253	3,788				4	3	83	8		
<b>EAST SOUTH CENTRAL:</b>													
Kentucky.....	131	67	326	2,636	1		2	1		18	163		
Tennessee.....	400	80	365	6,294	2			2	5	14	219		
Alabama.....	28	33	226	3,689				13		20	138		
Mississippi.....	31	33	186	4,635	1			2		8	91		
<b>WEST SOUTH CENTRAL:</b>													
Arkansas.....	296	179	560	7,193	3		1	2	3	18	168		
Louisiana.....	73	62	516	6,706			2	115	42	26	396		
Oklahoma.....	747	663	1,474	8,150	1			2	2	11	491		
Texas.....	730	494	2,801	14,057	3			26	14	102	1,737		
<b>MOUNTAIN:</b>													
Montana.....	2,254	1,467	2,004	3,488	8		8	19	5	21	694		
Idaho.....	8,630	7,286	2,928	2,137	3		3			4	579		
Wyoming.....	361	348	582	700	4		1	1	1	4	183		
Colorado.....	839	726	2,681	4,754	5		20	12	2	22	842		
New Mexico.....	164	180	852	1,114			3	1		6	328		
Arizona.....	376	619	6,101	1,357	2		3	7		15	357		
Utah.....	323	504	1,796	3,219			63	4		1	333		
Nevada.....	391	705	7,170	681	9		4	2	2	3	143		
<b>PACIFIC:</b>													
Washington.....	262,694	29,569	17,761	11,321	459		142	84	5	67	2,731		
Oregon.....	17,508	225,102	18,184	3,729	235		82	22	5	15	901		
California.....	9,143	17,330	903,996	15,759	198	19	3,191	326	342	112	5,938		

## MIGRATION OF NATIVE POPULATION FROM AND TO EACH STATE: 1910.



## POPULATION OF FOREIGN BIRTH AND FOREIGN PARENTAGE, BY COUNTRY OF ORIGIN.

## INTRODUCTION.

This chapter presents statistics as to the origin of the large foreign element in the population of the United States. More specifically, it distributes the foreign-born whites, and likewise the total foreign born, according to country of birth; the native whites whose parents were both born abroad, according to the country of birth of the parents; and the native whites with one foreign-born parent, the other being native, according to the country of birth of the foreign-born parent. It also distinguishes the persons born in certain foreign countries, according to mother tongue, and gives the total number of males and females born in each foreign country. Statistics are given for geographic divisions, states, and principal cities, and for the urban and rural population of the several geographic divisions. Persons living in Alaska, Hawaii, Porto Rico, and other outlying possessions of the United States are not included, but, on the other hand, persons living in the United States proper who were born in any of these outlying possessions are treated as natives and not as foreign born.

The importance of the foreign element may be seen from the fact that of the 91,972,266 inhabitants of the United States in 1910, no less than 13,515,886, or 14.7 per cent, were born in some foreign country. In addition, there were 12,916,311 native whites of foreign parentage, forming 14 per cent of the total population, and 5,981,526 native whites of mixed (native and foreign) parentage, forming 6.5 per cent of the total. These three classes—without considering the small number of native nonwhites of foreign or mixed parentage—together number 32,413,723, or 35.2 per cent of the population of the country.

Some of the tables, as already indicated, relate to the total foreign-born population, and others only to the foreign-born whites. Of the 13,515,886 persons of foreign birth in 1910, 13,345,545 were whites, the remainder, which was only 170,341, representing chiefly Chinese and Japanese, and negroes (mainly from the West Indies). In most cases the total number born in a given country is substantially the same as the number of whites born in that country.

**Definition of terms.**—For brevity the Census Bureau has adopted the term "foreign white stock" to indicate the combined total of three classes, namely, the foreign-born whites themselves, the native whites of foreign parentage, and the native whites of mixed parentage. It has also adopted the term "country of origin" to express, in the case of the foreign born, the country of birth of the person enumerated, in the case of the native whites of foreign parentage, the country

in which both of the foreign parents were born, and, in the case of the native whites of mixed parentage, the country in which the foreign parent was born. The combined total of all persons in these three classes for whom the same country of origin is shown is designated as the foreign white stock derived from that country. It will be noted, of course, that in the case of some of the native whites of foreign parentage the two parents were not born in the same foreign country. Such persons are classified, in the tables showing the country of origin of the native whites of foreign parentage, as persons of "mixed foreign parentage." They must, of course, be clearly distinguished from the persons of mixed native and foreign parentage, usually called, more briefly, of "mixed parentage."

On account of the variety of races represented among the immigrants from certain foreign countries, the Census Bureau has avoided the use of such terms as "Germans," "Russians," "Austrians," and the like, to designate the persons born in Germany, Russia, Austria, or other countries. Confusion would arise from identifying country of birth with race or nationality. Persons born in Germany, for example, are not all Germans, while, conversely, there are many Germans who were born in other countries, particularly Austria, Switzerland, and Russia.

**Mother-tongue statistics.**—An amendment to the Thirteenth Census act called for statistics of the "nationality or mother tongue" of the foreign-born population and of the parents of the native population of foreign or mixed parentage. It was found expedient, in order to place the statistics on a definite basis, to call simply for the "mother tongue." This term is generally understood to mean the language of customary speech before immigration, although in the home countries of certain classes of foreigners the language of customary speech at the present time is not the language, or any modification of the language, of their distant ancestors. For example, most of the Scotch speak English and not Gaelic. In some such cases the ancestral language, rather than that of customary use, was doubtless reported.

Full statistics as to mother tongue will appear in a special report. Such statistics, however, are chiefly significant with reference to the natives of five countries—Germany, Austria, Hungary, Russia, and Canada—and only for such persons are mother-tongue statistics presented in this Abstract. Immigrants from Canada include many French-speaking as well as many English-speaking people, while the very numerous immigrants from each of the other four

countries include a number of widely differing racial groups. There is also a considerable mixture of races in the case of the immigrants from Belgium, part of whom speak French and part Flemish; of those from Switzerland, part of whom speak German, part French, and part Italian, respectively; and of those from the Balkan peninsula. In view, however, of the comparatively small number of the foreign born in the United States who have come from Belgium, Switzerland, and the Balkan peninsula, statistics for them by mother tongue are not included in this Abstract. For natives of most of the other countries from which the United States has mainly derived its foreign-born population, statistics as to mother tongue would add little information of value, since practically all persons from these countries speak the mother tongue indicated by the name of the country. For example, substantially all of the foreign born from Sweden speak Swedish, and of those from Italy almost all speak Italian; while, conversely, practically all of the immigrants whose mother tongue was Swedish or Italian have come from Sweden or Italy, as the case may be.

It may be noted further that statistics as to the mother tongue of persons born in the United Kingdom of Great Britain and Ireland would throw little light upon racial origin. Most of the Scotch and the Irish ordinarily speak the English language, and, while some of them reported Gaelic or Irish as their mother tongue most reported English. Consequently, statistics of the number born in Scotland or in Ireland give a more accurate idea of the number of Scotch or Irish from the United Kingdom than would be obtained from the number reporting the respective mother tongues; and the same is also true of persons born in Wales.

#### UNITED STATES AS A WHOLE.

Total foreign born, by country of birth: 1910 and 1900.—The sources of the foreign-born population of the United States in 1910 and 1900, respectively, are summarized in Table 1, in which the countries of birth are arranged geographically.

While every geographic division of the world is represented in the foreign-born population of the United States, by far the greater proportion of that population has come from Europe. Persons of European birth constituted 87.2 per cent of the total foreign born in 1910. Most of the remainder were from the American continent, chiefly from Canada.

Of the total foreign-born population, 49.9 per cent were from the countries of northwestern Europe and 37.4 per cent from the countries of southern and eastern Europe. Germany and Ireland were the most important countries of the former group in contributing to the population of the United States, and Russia and Finland, Austria-Hungary, and Italy the most important of the latter group.

Among the countries of birth of the foreign-born population of the United States, Germany held first

place in 1910, with 2,501,333, or 18.5 per cent, of the total foreign born. Next in importance were Austria-Hungary, with 12.4 per cent; Russia 11.9 per cent; Ireland, 10 per cent; Italy, 9.9 per cent; the Scandinavian countries as a group, 9.3 per cent; Great Britain (England, Scotland, and Wales) 9 per cent; and Canada and Newfoundland, 9 per cent. These countries together contributed nine-tenths of the total foreign-born population of the United States enumerated in 1910.

Table 1

COUNTRY OF BIRTH.	1910		1900		PERCENTAGE 1900-1910	
	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent.
<b>Total foreign born</b> .....	<b>13,515,886</b>	<b>100.0</b>	<b>10,341,276</b>	<b>100.0</b>	<b>3,174,610</b>	<b>30.7</b>
<b>Europe</b> .....	<b>11,791,841</b>	<b>87.2</b>	<b>8,871,780</b>	<b>85.8</b>	<b>2,920,061</b>	<b>32.9</b>
<i>Northeastern Europe</i> .....	6,749,400	49.9	7,016,311	67.8	-275,911	-3.9
Great Britain.....	1,221,853	9.0	1,107,622	11.1	114,231	1.6
England.....	877,710	6.5	849,513	8.1	37,206	4.4
Scotland.....	201,076	1.9	253,521	2.3	-27,552	-11.8
Wales.....	52,344	0.4	95,586	0.9	-11,098	-11.9
Ireland.....	1,332,251	10.0	1,615,459	15.6	-283,208	-16.3
Germany.....	2,501,333	18.5	2,313,628	22.2	-312,295	-11.1
Scandinavian countries.....	1,250,731	9.3	1,072,092	10.4	178,641	16.7
Norway.....	408,877	3.0	336,388	3.3	67,489	20.3
Sweden.....	665,207	4.9	882,014	8.6	-35,193	-14.3
Denmark.....	184,647	1.3	153,688	1.5	27,959	18.2
Netherlands (Holland), Belgium, and Luxembourg.....	172,534	1.3	127,719	1.2	44,815	33.1
Netherlands.....	120,063	0.9	94,051	0.9	26,032	26.5
Belgium.....	49,400	0.4	29,757	0.3	19,643	66.0
Luxembourg.....	3,671 (2)	0.0	7,661 (7)	0.1	40	1.3
France.....	117,418	0.8	1,072,092	10.4	-178,641	-16.7
Switzerland.....	124,848	0.9	115,353	1.1	9,255	8.0
<i>Southern Europe</i> .....	5,048,583	37.4	4,832,894	47.7	3,215,689	175.4
Portugal.....	59,360	0.4	39,608	0.3	28,752	92.9
Spain.....	1,622,026	12.0	7,403	0.1	1,614,623	213.6
Italy.....	1,343,127	9.9	484,027	4.7	859,098	177.3
Russia and Finland.....	1,732,462	12.8	640,743	6.2	1,091,719	170.4
Russia.....	1,622,782	11.9	375,172	3.6	1,247,610	177.2
Finland.....	109,680	1.0	62,641	0.6	67,039	107.0
Austria-Hungary.....	1,670,882	12.4	637,069	6.2	1,033,813	162.3
Austria.....	1,171,237	8.7	481,266	4.8	689,971	139.2
Hungary.....	495,699	3.7	154,714	1.4	349,985	240.1
Balkan peninsula.....	229,946	1.6	.....	.....	.....	.....
Roumania.....	63,636	0.5	.....	.....	.....	.....
Bulgaria.....	11,408	0.1	(?)	.....	.....	.....
Serbia.....	4,629	0.0	(?)	.....	.....	.....
Montenegro.....	5,374	0.0	(?)	.....	.....	.....
Greece.....	101,282	0.7	8,515	0.1	92,767	1,088.5
Turkey in Europe.....	32,230	0.2	9,910	0.1	22,320	69.3
Country not specified.....	2,838	0.0	2,255	0.2	.....	.....
<b>Asia</b> .....	<b>161,484</b>	<b>1.4</b>	<b>120,245</b>	<b>1.2</b>	<b>71,238</b>	<b>59.2</b>
China.....	56,756	0.4	81,334	0.8	-24,578	-30.4
Japan.....	67,744	0.5	24,788	0.2	42,956	173.3
India.....	4,064	0.0	2,031	0.0	2,033	129.6
Turkey in Asia.....	35,229	0.3	.....	.....	.....	.....
All other countries.....	2,591	0.0	11,895	0.1	.....	.....
<b>America</b> <sup>1</sup> .....	<b>1,489,251</b>	<b>11.0</b>	<b>1,317,380</b>	<b>12.7</b>	<b>171,851</b>	<b>13.0</b>
Canada and Newfoundland.....	1,209,717	9.0	1,179,922	11.4	29,795	2.5
Canada—French.....	385,083	2.8	789,126	7.6	-404,043	-2.5
Canada—Other.....	819,554	6.1	778,476	7.6	34,758	4.4
Newfoundland.....	5,374	0.0	.....	.....	.....	.....
West Indies <sup>2</sup> .....	47,635	0.4	25,252	0.2	22,260	87.3
Cuba.....	15,133	0.1	11,081	0.1	4,052	36.6
Other West Indies.....	32,502	0.2	14,254	0.1	18,248	136.4
Mexico.....	221,915	1.6	103,393	1.0	118,522	114.6
Central and South America.....	9,964	0.1	8,639	0.1	1,354	15.5
Central America.....	.....	.....	1,829	0.0	-2,801	-38.5
South America.....	8,228	0.1	4,733	0.0	3,495	73.8
<b>All other</b> .....	<b>43,330</b>	<b>0.3</b>	<b>31,863</b>	<b>0.3</b>	<b>11,462</b>	<b>36.0</b>
Africa.....	3,992	0.0	2,538	0.0	1,454	57.3
Australia.....	9,033	0.1	6,807	0.1	2,226	32.7
Atlantic Islands.....	18,274	0.1	9,708	0.1	8,566	87.1
Pacific Islands.....	2,415	0.0	2,013	0.0	402	20.0
Country not specified.....	2,687	0.0	2,546	0.0	141	5.5
Born at sea.....	6,927	0.1	8,186	0.1	-2,199	-15.5

<sup>1</sup> A minus sign (—) denotes decrease.

<sup>2</sup> Less than one-tenth of 1 per cent.

<sup>3</sup> Included under "Country not specified" in 1900.

<sup>4</sup> Figures for Turkey in Asia included with those for Turkey in Europe in 1900.

<sup>5</sup> Includes 20,221 persons reported as born in Poland, without specification as to whether German, Austrian, or Russian Poland.

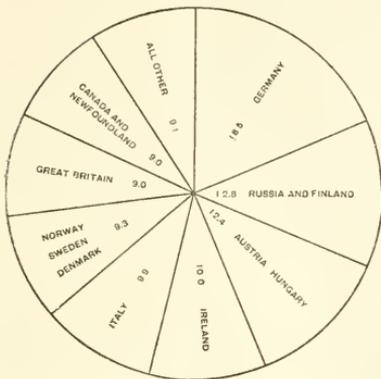
<sup>6</sup> Outside of the United States.

<sup>7</sup> Newfoundland included with Canada for 1900.

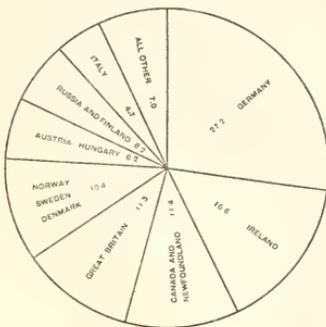
<sup>8</sup> Except Porto Rico.

## FOREIGN-BORN POPULATION, BY PRINCIPAL COUNTRIES OF BIRTH: 1910 AND 1900.

TOTAL FOREIGN BORN, 1910: 13,515,886



TOTAL FOREIGN BORN, 1900: 10,341,276

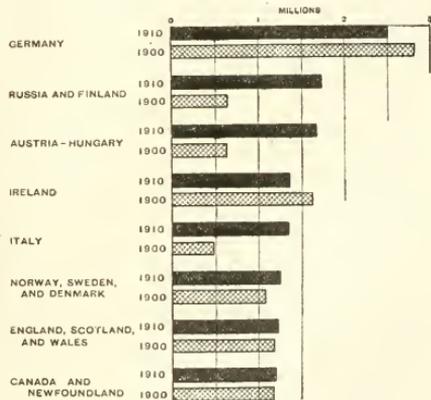


An important change has come about in recent years with respect to the countries from which our immigrants are chiefly drawn. Of course, this change is shown less obviously by the statistics of the foreign-born population as enumerated at the several decennial censuses than by the immigration statistics, since survivors of earlier immigration are still numerous. Nevertheless, a conspicuous change is shown by a comparison of the census returns for 1910 and those for 1900, as appears from Table 1 and the three diagrams on this page. While the proportion of Europeans in the total foreign-born population was about the same at both censuses (85.8 per cent in 1900 and 87.2 per cent in 1910), persons from northwestern Europe constituted 67.8 per cent of the total number of foreign born in 1900, but only 49.9 per cent in 1910. On the other hand, southern and eastern Europeans formed only 17.7 per cent of the total in 1900, as compared with 37.4 per cent 10 years later. Persons born in each individual country of northwestern Europe except Belgium formed a smaller proportion of the foreign born in 1910 than in 1900, while persons born in each country of southern and eastern Europe formed a larger proportion.

The factors in this change in the composition of the foreign-born population can readily be seen by comparing the increases from 1900 to 1910 in the number of persons born in the respective countries. The increase in the total number of foreign born was 3,174,610. The increase in the number of southern and eastern Europeans was 3,215,689, or more than the increase in the total, while there was a decrease of 275,911 in the number of persons reported as born in northwestern Europe. This decrease, however, was wholly in the number from Germany, Ireland, and

Wales, which fell off, respectively, 11.1, 16.3, and 11.9 per cent. The other countries of northwestern Europe were represented by larger numbers in the foreign-born population of the United States in 1910 than in 1900, the percentages of increase ranging from 4.4 for England to 66 for Belgium. The percentages of increase for all of the countries of southern and eastern Europe were large—for example, 1,089.5 per cent for Greece, 177.5 per cent for Italy, 170.4 per cent for Russia and Finland, and 162.3 per cent for Austria-Hungary.

## FOREIGN-BORN POPULATION, BY PRINCIPAL COUNTRIES OF BIRTH: 1910 AND 1900.



The number of persons of Asiatic birth in the population of the United States increased very considerably from 1900 to 1910, the marked decrease in the number

of persons reported as born in China being offset by increases in the number from Japan and Turkey in Asia. The increase in the number of persons born in American countries outside of the United States was 13 per cent, by far the larger part of the increase being contributed by Mexico.

Considering only individual countries, and not the groups of countries shown in Table 1, the following were, in order of rank, the ten leading countries with respect to the numbers contributed to the foreign-born population of the United States as reported in 1910 and 1900, respectively:

1910	1900
Germany.	Germany.
Russia.	Ireland.
Ireland.	Canada.
Italy.	England.
Canada.	Sweden.
Austria.	Russia.
England.	Austria.
Sweden.	Italy.
Hungary.	Norway.
Norway.	Scotland.

**Comparative statistics: 1860 to 1910.**—Table 2 shows the number of foreign born, by country of birth, for each census from 1860 to 1910, the countries being arranged alphabetically.

This table emphasizes even more strikingly than Table 1 the change which has taken place in the composition of the foreign-born population of the United States. Thus persons born in Germany constituted 30.5 per cent of the total number of foreign born in 1860, but only 18.5 per cent in 1910. The corresponding percentages for Ireland were 38.5 and 10; for England, Scotland, and Wales combined, 14.1 and 9. On the other hand, persons born in Italy constituted only 0.3 per cent of the total in 1860, as compared with 9.9 per cent in 1910, while the percentages for Russia (including Finland) at the respective censuses were 0.1 and 12.8, and for Austria, 0.6 and 8.7.

Fewer persons were reported as born in Ireland at the census of 1910 than at any census from 1860 to 1900. The number from Wales was less in 1910 than in 1880, 1890, or 1900. The natives of Germany and England were less numerous in 1910 than in 1890.

FOREIGN-BORN POPULATION, BY COUNTRY OF BIRTH: 1860-1910.

Table 2 COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION.						PER CENT OF TOTAL FOREIGN BORN.					
	1910	1900	1890	1880	1870	1860	1910	1900	1890	1880	1870	1860
All foreign countries.....	13,515,886	10,341,276	9,249,560	6,679,943	5,567,229	4,188,658	100.0	100.0	100.0	100.0	100.0	100.0
Austria.....	1,174,973	491,295	241,377	124,024	70,797	25,061	8.7	4.8	2.6	1.9	1.3	0.6
Belgium.....	49,400	29,757	22,639	15,535	12,533	9,072	0.4	0.3	0.2	0.2	0.2	0.2
Canada—French.....	385,083	395,126	392,496	717,157	493,464	249,970	2.8	2.8	2.3	10.7	8.9	6.0
Canada—Other.....	819,534	784,796	678,247	104,468	63,042	35,565	6.1	7.6	3.7	1.6	1.1	0.8
China.....	56,750	81,534	106,701	16,401	11,570	7,353	0.4	0.2	0.3	0.2	0.2	0.2
Cuba and other West Indies.....	47,635	325,435	39,256	16,401	30,407	9,962	1.3	1.5	1.4	1.0	0.5	0.2
Denmark.....	181,649	155,690	132,543	64,196	555,046	483,494	6.5	5.1	9.8	9.9	10.0	10.4
England.....	877,719	840,513	969,092	106,971	116,462	109,870	0.9	1.0	1.2	1.6	2.1	2.9
France.....	117,418	104,397	115,174	1,966,742	1,060,533	1,276,075	18.5	27.2	30.1	29.4	30.4	30.5
Germany.....	2,501,333	2,513,628	2,784,894	776	390	328	0.7	0.1	(*)	(*)	(*)	(*)
Greece.....	101,282	8,515	1,887	11,326	7,137	3,717	3.7	1.4	0.7	0.2	0.1	.....
Hungary.....	465,669	145,714	62,435	1,854,371	1,833,827	1,611,304	10.0	15.6	20.2	27.8	33.3	38.5
Ireland.....	1,342,251	1,615,459	1,871,869	40,230	17,157	11,677	9.9	4.7	2.0	0.7	0.3	0.3
Italy.....	1,369,125	484,027	382,680	401	73	.....	0.5	0.2	(*)	(*)	(*)	.....
Japan.....	67,744	24,788	2,292	68,399	42,435	27,466	1.6	1.0	0.8	1.0	0.8	0.7
Mexico.....	221,915	103,393	77,853	58,099	46,802	28,281	0.9	0.9	0.9	0.9	0.8	0.7
Netherlands (Holland).....	120,063	94,931	81,828	181,739	114,246	43,985	2.0	3.5	2.5	2.7	1.1	1.1
Norway.....	405,877	336,388	222,663	8,138	4,542	4,116	0.4	0.3	0.2	0.1	0.1	0.1
Portugal.....	59,369	30,698	15,996	35,722	4,644	3,160	12.8	6.2	2.6	2.5	2.1	0.1
Russia and Finland.....	1,732,462	640,743	182,644	170,136	140,835	108,518	12.9	3.2	2.6	2.5	2.5	2.6
Scotland.....	261,076	233,524	242,231	5,121	3,764	4,244	0.2	0.1	0.1	0.1	0.1	0.1
Spain.....	22,108	7,050	6,185	194,337	97,332	18,625	4.9	3.6	5.2	2.9	1.7	0.4
Sweden.....	665,337	582,014	476,041	88,621	75,133	53,327	0.9	1.1	1.1	1.3	1.3	1.3
Switzerland.....	124,498	115,593	104,069	.....	.....	.....	.....	.....	.....	.....	.....	.....
Turkey in Asia.....	59,729	9,910	1,839	1,205	302	.....	0.4	0.1	(*)	(*)	(*)	(*)
Turkey in Europe.....	32,230	.....	.....	.....	.....	.....	0.2	.....	.....	.....	.....	.....
Wales.....	82,488	80,580	100,079	83,302	74,333	45,763	0.6	0.9	1.1	1.2	1.3	1.1
All other countries.....	158,942	85,062	200,813	85,988	41,943	70,794	1.2	0.9	2.2	1.4	0.8	1.7

<sup>1</sup> For the censuses from 1860 to 1890, inclusive, persons reported as born in Poland are included under "All other countries;" for the censuses of 1910 and 1900 (so far as possible), they are distributed under Austria, Germany, and Russia, respectively.

<sup>2</sup> Includes Newfoundland prior to 1910.

<sup>3</sup> Except Porto Rico.

<sup>4</sup> Less than one-tenth of 1 per cent.

**Immigration in relation to the foreign-born population.**—The statistics of the foreign born presented above make no distinction as to length of residence in the United States; they include those who have been in this country 50 years or more, as well as immigrants who arrived during the first three months of 1910, just before the census was taken. The increase of 3,174,610 in the number of foreign born from 1900 to 1910 does not represent, of course, the number of

immigrants who came to the United States during those 10 years. The foreign born are constantly being drawn upon by return migration and death, and immigration must make up for these losses before there can be any increase in the total number. The immigration statistics for the several decades, however, go far to explain the changes from census to census in the composition of the foreign-born population. A remarkable decrease in the proportion of

immigrants from northwestern Europe and a striking increase in the proportion from southern and eastern Europe form conspicuous features of immigration statistics for the past decade, as compared with those for earlier decades. For the 10 years between the taking of the censuses of 1900 and 1910 the total immigration was about 8,500,000.<sup>1</sup> Of this total, about 6,100,000, or 72 per cent, were from southern and eastern Europe, and about 1,800,000, or 21 per cent, from northwestern Europe—the latter being less than one-third the number from the southern and eastern countries.

While there was an immigration of about 8,500,000 between 1900 and 1910, the census shows only 5,088,084 persons in the United States in 1910 who had arrived after January 1, 1901, which would justify an estimate of 5,250,000 as the total number of persons enumerated in 1910 (April 15) who had arrived since the preceding census. The difference between the latter and the total immigration, about 3,250,000, represents in large part immigrants who returned to their own country, and, to a small extent, those who

died between their arrival and the date of the enumeration. The estimate of 5,250,000 represents the contribution to our population of the immigration of the last 10 years. As already stated, the increase in the foreign-born population between the two censuses was only 3,174,610. The difference of more than two millions may be assumed to be the approximate number of deaths between 1900 and 1910 of the foreign-born who were enumerated in 1900. It may be assumed that these deaths were much more numerous among persons born in northwestern Europe than among those born in southern and eastern Europe, because the former were a much larger class and at the same time, having been here much longer, were more advanced in years, and therefore subject to a higher death rate. As a result of these combined influences there has been a decrease in the foreign-born population from northwestern Europe, as compared with a great increase in that derived from southern and eastern Europe.

**Foreign-born population, by sex.**—Table 3 shows, by sex, the foreign-born population of the United States in 1910, classified according to country of birth.

Table 3 COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910			COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910		
	Male.	Female.	Males to 100 females.		Male.	Female.	Males to 100 females.
All foreign countries.....	7,667,748	5,848,138	131.1	Ireland.....	611,556	740,695	82.6
Austria.....	713,455	461,518	154.6	Italy.....	880,904	462,221	190.6
Belgium.....	29,835	19,505	153.3	Japan.....	40,758	5,886	889.7
Bulgaria, Servia, and Montenegro.....	19,790	1,781	1,107.8	Mexico.....	136,677	83,238	161.3
Canada, total.....	605,956	598,681	101.2	Netherlands (Holland).....	68,363	51,700	132.2
French.....	201,164	183,919	109.4	Norway.....	230,156	173,721	132.5
Other.....	404,792	414,762	97.6	Portugal.....	35,815	23,545	152.1
China.....	54,968	1,788	3,074.3	Romania.....	25,815	28,422	124.2
Cuba and other West Indies <sup>1</sup> .....	26,704	20,871	128.2	Russia.....	927,219	675,563	137.3
Denmark.....	159,120	72,529	159.5	Scotland.....	144,659	116,417	124.3
England.....	477,320	400,399	119.2	Spain.....	16,785	5,323	315.3
Finland.....	79,098	50,582	156.4	Sweden.....	309,653	295,254	125.3
France.....	65,285	52,133	125.2	Switzerland.....	75,736	52,122	139.5
Germany.....	1,337,715	1,163,538	115.0	Turkey in Asia.....	40,467	19,262	210.1
Greece.....	86,147	7,835	1,102.7	Turkey in Europe.....	28,524	3,706	760.7
Hungary.....	305,543	190,006	160.8	Wales.....	45,397	37,091	122.4
				All other countries.....	42,912	28,646	149.8

<sup>1</sup> Except Porto Rico.

In the foreign-born population of the United States as a whole, males greatly outnumber females, the ratio in 1910 being 131.1 males to 100 females. Ireland is the only country shown in the table which has contributed a larger number of females than of males to the population of this country, although persons born in Canada of other than French descent showed a slight excess of females over males in 1910, which was more than offset by the excess of males over females among those born in Canada of French descent. Among persons born in Bulgaria, Servia, or Montenegro, in China, Greece, Japan, and in Turkey in Europe who resided in the United States in 1910, the males were many times as numerous as the females, and among persons born in Spain and in

Turkey in Asia the males were more than twice as numerous as the females. In the case of persons from all the countries of southern and eastern Europe from which recent immigration has largely been drawn there was a very marked excess of males. The number of males to 100 females in 1910 was 154.6 for persons born in Austria, 160.8 for persons born in Hungary, 190.6 for persons born in Italy, and 137.3 for persons born in Russia. There is much less disparity between the sexes in the case of the foreign born from the leading countries of northwestern Europe. These differences accord with the well-known fact that the immigrants of the earlier days, who came mainly from northwestern Europe, came to a large extent in families and settled permanently in this country, while much of the immigration from southern and eastern Europe consists of single men and of married men who have come only for a temporary stay and have left their families in their home countries.

<sup>1</sup> Since the census of 1900 was taken as of June 1 and that of 1910 as of April 15, there have been added to the immigration figures for the fiscal year ended June 30, 1901, those for the month of June, 1900; and from the figures for the fiscal year ended June 30, 1910, there have been subtracted those for April, May, and June, 1910.

**Population from Germany, Austria, Hungary, and Russia, by mother tongue.**—For reasons stated in the Introduction, statistics of mother tongue are presented in detail for persons born in Germany, Austria, Hungary, and Russia. Table 4 shows, for the United States as a whole and its geographic divisions, the number of white persons born in each of the four countries just named who were enumerated in 1910, distinguished according to mother tongue. The only other statistics of mother tongue presented in this chapter relate to persons of Canadian birth, distinction being made, however, only between those speaking French and all others, the latter consisting almost wholly of persons speaking English. This distinction is carried through all the tables giving country of birth.

The great bulk of the foreign-born whites from Germany speak German (90.4 per cent of the total enumerated in 1910), but there are also a considerable number speaking Polish. Among the foreign-born whites who were born in Austria the most important group consists of those speaking Polish, who constituted 28 per cent of the total in 1910, followed by those speaking Bohemian, German, Yiddish and Hebrew, and Slovenian, in the order named. Of the persons reported as born in Hungary, 46 per cent gave their mother tongue as Magyar, 21.8 per cent as Slovak, and 14.8 per cent as German, 17.5 per cent reporting other languages.

Of the white persons born in Russia, more than one-half (52.3 per cent) gave their mother tongue as Yiddish (including those reporting Hebrew), which is the prevailing language of the Jews throughout a large part of Europe, while more than a quarter (26.1 per cent) reported Polish as the mother tongue. There were also a considerable number who reported Lithuanian and German, while the number who gave Russian as their mother tongue was comparatively small, only 2.5 per cent of the total.

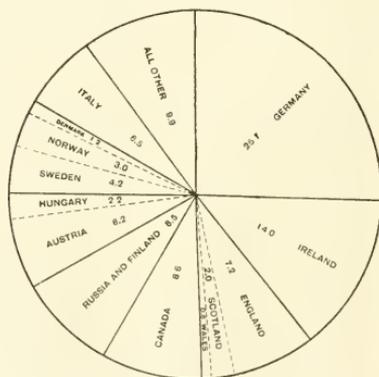
Previous censuses distinguished persons born in Poland, although Poland is not an independent nation, having been partitioned among Russia, Germany, and Austria. The total number of persons reported at the census of 1900 as born in Poland was 383,407.<sup>1</sup> At the census of 1910 Poland was not distinguished as a country of birth, but the approximate number of persons born in the former kingdom of Poland may be determined from the total number reported as speaking the Polish language who were natives of Germany, Austria, or Russia. Such persons numbered 937,884, of whom 190,096 were reported as born in Germany, 329,418 as born in Austria, and 418,370 as born in Russia. A few of these were doubtless born outside the territorial limits of the former

kingdom of Poland. The returns for 1900 distinguish Russian, German, and Austrian Poland; and on the basis of this distinction, persons reported as born in Poland have been distributed under Russia, Germany, and Austria, respectively, in the comparative tables, but for earlier censuses they have been included under "all other countries."

**Foreign white stock, by country of origin.**—The total foreign white stock in the United States in 1910 numbered 32,243,382, of whom 13,345,545, or 41.4 per cent, were foreign born, 12,916,311, or 40.1 per cent, were native whites of foreign parentage, and 5,981,526, or 18.6 per cent, were native whites of mixed parentage. The distribution of this foreign white stock by country of origin is shown in Table 5, on page 194, which distinguishes between the three classes of persons just named, and gives comparative figures for 1900 so far as available. The relative importance of the leading countries of origin is shown for 1910 in the diagram below.

Table 5, page 194, shows, for example, that in 1910 there were 8,282,618 white persons in the United States having Germany as their country of origin, comprising 2,501,181 who were born in Germany, 3,911,847 born in the United States both of whose parents were born in Germany, and 1,869,590 born in the United States and having one parent born in the United States and the other in Germany. It will be noted that this total does not include all native white persons who had one parent born in Germany. In the case of some native whites one parent was born in Germany and the other in some other foreign country; these are included under the designation "persons of mixed foreign parentage," and not with those having Germany as their country of origin.

FOREIGN WHITE STOCK, BY PRINCIPAL COUNTRIES OF ORIGIN: 1910.



<sup>1</sup> This figure may be an understatement, because of the possibility that some of the persons born in the former kingdom of Poland gave their birthplace as Germany, Austria, or Russia.

COUNTRY OF ORIGIN.

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WHITE PERSONS BORN IN GERMANY, AUSTRIA, HUNGARY, AND RUSSIA, CLASSIFIED BY MOTHER TONGUE, BY DIVISIONS: 1910.

Table 1 COUNTRY OF BIRTH AND MOTHER TONGUE.	UNITED STATES.		GEOGRAPHIC DIVISION.								
	Number.	Per cent.	New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
<b>Germany</b> .....	<b>2,501,181</b>	<b>100.0</b>	<b>65,781</b>	<b>754,939</b>	<b>921,417</b>	<b>426,531</b>	<b>63,239</b>	<b>25,516</b>	<b>69,737</b>	<b>42,897</b>	<b>123,644</b>
German.....	2,260,256	90.4	65,798	682,972	790,408	409,563	56,645	27,475	65,191	40,870	119,134
Polish.....	190,096	7.6	2,548	47,609	115,338	15,518	4,403	315	2,539	1,216	239
Yiddish and Hebrew.....	7,910	0.3	885	4,245	1,749	363	69	9	4	19	226
Dutch and Frisian.....	6,510	0.3	73	1,610	3,075	1,710	132	43	78	123	261
Bohemian and Moravian.....	6,263	0.3	126	827	2,933	1,416	222	22	379	125	222
Danish.....	5,232	0.2	231	550	1,233	1,893	36	19	55	199	1,106
French.....	3,313	0.1	106	1,179	85	302	45	59	129	72	311
Lithuanian and Lettish.....	1,486	0.1	119	448	468	210	79	11	65	41	45
Slavic (not specified) <sup>1</sup> .....	698	(?)	6	180	257	82	8	.....	116	33	16
Magyar.....	564	(?)	13	190	355	47	23	4	9	4	19
Russian.....	552	(?)	20	211	156	72	11	21	12	14	35
All other.....	18,483	0.7	356	4,357	4,499	4,383	1,330	486	1,091	758	1,023
<b>Austria</b> .....	<b>1,174,924</b>	<b>100.0</b>	<b>69,583</b>	<b>553,546</b>	<b>317,462</b>	<b>116,261</b>	<b>20,272</b>	<b>2,989</b>	<b>27,318</b>	<b>32,325</b>	<b>38,148</b>
Polish.....	329,418	28.0	49,615	157,133	96,366	12,459	5,369	474	2,999	3,067	2,855
Bohemian and Moravian.....	219,214	18.7	2,827	34,671	95,709	55,288	5,090	338	17,273	3,446	3,900
German.....	135,917	11.4	5,313	72,027	38,202	19,308	2,883	1,037	4,220	4,929	6,640
Yiddish and Hebrew.....	124,588	10.6	3,179	113,964	5,241	694	488	183	232	173	417
Slovenian.....	117,740	10.0	2,585	52,775	33,594	9,182	2,252	345	1,091	7,460	8,536
Croatian.....	68,602	5.8	313	27,081	30,833	8,948	1,243	82	485	5,027	4,490
Slovak.....	53,706	4.7	2,597	39,855	9,657	1,410	1,071	71	130	964	721
Ruthenian.....	412,169	35.2	676	14,062	1,381	790	2	.....	63	28	44
Russian.....	13,781	1.2	822	11,382	703	597	138	3	63	25	47
Serbian.....	11,603	1.0	14	2,724	4,474	1,907	79	6	11	1,216	1,311
Slavic (not specified) <sup>1</sup> .....	11,196	1.0	106	8,271	1,764	1,764	84	9	19	519	1,188
Italian.....	10,774	0.9	478	3,588	2,380	358	64	47	201	2,933	725
Romanian.....	3,399	0.3	25	1,426	1,443	312	44	2	13	54	89
Lithuanian and Lettish.....	1,389	0.1	66	533	229	62	.....	.....	20	6	44
Czech.....	1,309	0.1	12	723	19	56	11	.....	1	6	8
All other.....	31,429	2.7	644	13,534	4,777	4,784	1,302	389	1,425	2,432	2,142
<b>Hungary</b> .....	<b>495,600</b>	<b>100.0</b>	<b>16,807</b>	<b>267,949</b>	<b>162,259</b>	<b>24,271</b>	<b>10,539</b>	<b>1,742</b>	<b>1,956</b>	<b>4,298</b>	<b>5,621</b>
Magyar.....	227,742	46.0	10,458	123,411	75,730	6,149	6,231	682	817	1,639	2,644
Slovak.....	107,954	21.8	4,339	66,429	31,500	2,352	1,611	244	338	642	888
German.....	73,358	14.8	783	31,073	27,839	9,900	1,029	379	249	654	1,412
Yiddish and Hebrew.....	19,806	4.0	351	16,842	2,265	211	74	24	12	45	72
Romanian.....	15,679	3.2	57	2,969	10,342	1,693	352	155	27	96	138
Croatian.....	9,500	1.8	146	2,261	4,550	1,311	227	7	55	441	52
Slovenian.....	5,510	1.1	241	3,202	1,434	287	56	11	45	126	118
Slavic (not specified) <sup>1</sup> .....	6,837	1.4	45	4,570	1,743	67	79	18	.....	9	6
Serbian.....	5,018	1.0	24	1,592	2,253	593	144	57	19	224	112
Ruthenian.....	4,465	0.9	50	3,871	690	46	27	.....	.....	8	3
Polish.....	2,637	0.5	66	1,971	463	88	27	3	7	3	9
Bohemian and Moravian.....	1,785	0.4	19	611	743	227	44	5	46	25	35
Russian.....	1,400	0.3	47	1,038	228	50	4	2	4	6	11
Belgian.....	1,352	0.3	136	442	270	159	58	23	37	79	148
All other.....	12,967	2.6	145	7,436	2,419	1,228	686	132	280	318	373
<b>Russia</b> .....	<b>1,602,752</b>	<b>100.0</b>	<b>192,497</b>	<b>893,498</b>	<b>274,993</b>	<b>118,682</b>	<b>40,141</b>	<b>8,152</b>	<b>14,108</b>	<b>16,692</b>	<b>32,589</b>
Yiddish and Hebrew.....	838,150	52.3	97,292	569,549	100,782	30,580	24,498	4,602	4,623	4,807	10,760
Polish.....	418,370	26.1	25,628	285,894	105,908	12,857	14,646	1,118	2,673	1,987	4,659
Lithuanian and Lettish.....	137,046	8.6	29,135	57,501	41,807	8,278	3,509	98	633	424	1,233
German.....	121,638	7.6	3,578	14,116	15,063	61,454	1,254	865	4,976	9,011	11,321
Russian.....	60,542	2.5	3,348	24,581	5,307	2,712	1,788	344	303	538	1,541
Finnish.....	45,865	0.4	1,031	776	1,817	696	56	10	28	401	1,650
Ruthenian.....	113,402	0.2	353	1,988	1,227	546	71	15	26	33	108
Slovak.....	1,709	0.1	97	1,299	222	30	93	7	3	15	13
Slavic (not specified) <sup>1</sup> .....	1,638	0.1	57	1,148	249	47	67	24	18	17	31
Greek.....	1,200	0.1	104	663	144	126	45	23	20	15	90
Armenian.....	945	0.1	167	289	85	87	14	4	15	81	203
Bohemian and Moravian.....	868	0.1	41	140	88	140	488	55	28	36	14
Swedish.....	592	(?)	191	163	97	39	4	8	3	6	83
All other.....	30,644	1.9	1,725	11,581	3,346	5,608	3,041	1,006	1,291	1,231	1,775

<sup>1</sup> Reported variously as Slavish, Slavic, Slavonian, and Slavonic; includes, also, a small number of Wendish.  
<sup>2</sup> Less than one-tenth of 1 per cent.  
<sup>3</sup> Includes 4,307 reporting Dolmanian.  
<sup>4</sup> Includes 728 reporting Little Russian.  
<sup>5</sup> Includes 179 reporting Bosnian, 163 reporting Herzegovinian, and 75 reporting Montenegrin.

<sup>6</sup> Includes 7 reporting Romash.  
<sup>7</sup> Includes 16 reporting Palmanian.  
<sup>8</sup> Includes 14 reporting Little Russian.  
<sup>9</sup> Exclusive of Finland.  
<sup>10</sup> Includes 138 reporting Esthonian and 9 reporting Lappish.  
<sup>11</sup> Includes 975 reporting Little Russian.

## ABSTRACT OF THE CENSUS—POPULATION.

## FOREIGN WHITE STOCK, BY COUNTRY OF ORIGIN: 1910.

COUNTRY OF ORIGIN.	TOTAL FOREIGN WHITE STOCK.					NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE.							
	Number.		Per cent.		Per cent of increase <sup>1</sup> 1900-1910	FOREIGN-BORN WHITE.		Total.		Both parents born in country specified.		One parent born in country specified, the other in the United States.	
	1910	1900	1910	1900		1910	1900	1910	1900	1910	1900	1910	1900
All foreign countries.....	32,243,382	25,859,834	100.0	100.0	24.7	13,345,545	10,213,817	18,897,837	15,646,017	12,910,311	10,632,286	5,581,526	5,013,777
Austria.....	2,901,559	850,854	6.2	3.9	155.2	1,174,924	491,259	836,635	359,625	709,070	302,029	117,565	57,596
Belgium.....	89,254	(?)	(?)	(?)	(?)	49,397	29,755	39,867	(?)	26,448	(?)	15,419	(?)
Bulgaria, Servia, and Montenegro.....	22,685	(?)	0.1	(?)	(?)	21,451	(?)	1,234	(?)	948	(?)	286	(?)
Canada—French <sup>2</sup> .....	632,238	830,335	2.5	3.2	12.3	385,083	294,461	547,155	435,874	330,576	265,947	216,179	169,927
Canada—Other <sup>2</sup> .....	1,822,377	1,637,603	5.7	6.3	11.3	810,987	778,399	1,011,390	859,204	307,291	260,471	704,099	598,733
Denmark.....	400,064	310,127	1.2	1.2	29.0	181,621	153,644	218,443	156,483	147,648	115,173	70,795	41,310
Denmark.....	2,322,442	2,173,741	7.2	8.4	6.8	876,455	839,830	1,445,987	1,333,911	592,285	565,461	553,702	768,450
France.....	292,389	268,292	0.9	1.0	9.0	117,236	104,031	175,133	164,261	78,507	71,263	96,216	92,498
Germany.....	8,282,618	7,461,318	25.7	30.8	4.9	2,301,181	2,318,413	5,781,437	5,147,800	3,911,847	3,359,388	1,809,541	1,578,364
Greece.....	109,665	(?)	0.3	(?)	(?)	101,254	8,313	8,401	(?)	5,524	(?)	2,877	(?)
Hungary.....	700,227	218,447	2.3	0.8	220.5	495,600	145,709	204,627	72,738	191,059	66,713	13,568	6,025
Ireland.....	4,594,369	4,826,094	14.0	18.7	-6.7	1,352,155	1,615,232	3,152,203	3,211,672	2,141,577	2,244,244	1,010,628	967,431
Italy.....	2,098,369	727,844	6.5	2.8	188.3	1,343,070	483,963	715,290	243,881	695,187	218,750	69,103	25,131
Mexico.....	382,052	(?)	1.2	(?)	(?)	219,802	101,908	162,340	(?)	107,866	(?)	54,334	(?)
Netherlands (Holland).....	230,574	(?)	0.9	(?)	(?)	120,033	94,922	173,521	(?)	110,331	(?)	57,190	(?)
Norway.....	979,099	788,758	3.0	3.0	24.1	408,858	336,379	575,241	452,379	410,951	349,220	164,290	103,159
Portugal.....	111,122	(?)	0.3	(?)	(?)	57,623	29,776	33,499	(?)	41,680	(?)	11,819	(?)
Roumania.....	87,731	(?)	0.3	(?)	(?)	65,528	15,032	21,801	(?)	20,707	(?)	1,094	(?)
Russia and Finland.....	2,762,675	903,435	8.5	3.2	206.7	1,732,421	640,710	1,023,254	302,728	949,316	247,581	70,938	18,144
Scotland.....	609,663	594,297	2.0	2.3	11.0	261,034	233,473	398,629	360,824	175,391	163,991	223,238	196,833
Spain.....	33,134	(?)	0.1	(?)	(?)	21,977	6,936	11,157	(?)	4,387	(?)	6,770	(?)
Sweden.....	1,364,215	1,082,388	4.2	4.2	26.0	65,183	581,989	699,012	509,402	546,788	414,772	152,214	85,630
Switzerland.....	301,620	257,426	0.9	1.0	17.2	134,534	115,861	176,816	144,845	99,069	74,931	86,147	66,594
Turkey in Asia.....	78,631	(?)	0.2	(?)	(?)	59,702	9,896	18,929	(?)	17,480	(?)	1,449	(?)
Turkey in Europe.....	35,314	(?)	0.1	(?)	(?)	32,221	(?)	3,093	(?)	2,560	(?)	333	(?)
Wales.....	248,947	233,045	0.8	1.0	-1.6	82,479	93,560	166,468	159,485	84,934	86,899	81,534	72,586
All other countries.....	160,295	1,118,841	0.5	4.3	(?)	88,014	95,459	72,281	726,654	31,362	599,128	40,919	167,250
Of mixed foreign parentage <sup>4</sup> .....	1,177,992	1,056,152	3.7	4.1	11.5	(?)	(?)	1,177,992	1,056,152	1,177,992	1,056,152	(?)	(?)

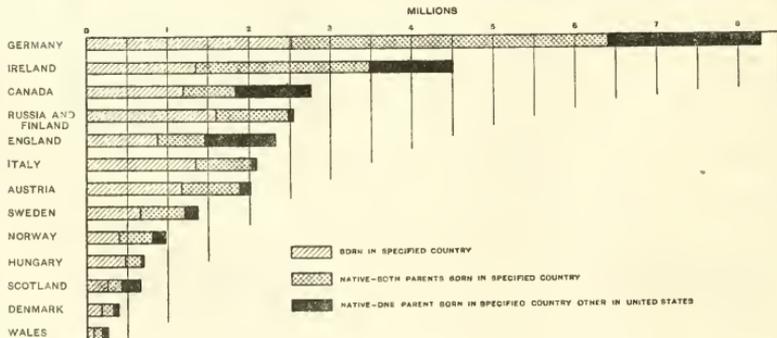
<sup>1</sup> A minus sign (—) denotes decrease.

<sup>2</sup> Data for 1900 not available; included with "All other countries."

<sup>3</sup> Includes Newfoundland for 1900.

<sup>4</sup> Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

## FOREIGN WHITE STOCK, BY PRINCIPAL COUNTRIES OF ORIGIN: 1910.



Of the total white population of foreign stock in 1910, Germany was the country of origin of 8,282,618, or 25.7 per cent; Ireland of 4,504,360, or 14 per cent; Canada of 8.5 per cent; Russia and Finland of 8.5 per cent; England of 7.2 per cent; Italy of 6.5 per cent; and Austria of 6.2 per cent. These seven countries thus account for over three-fourths of the total.

Extraordinary differences appear with respect to the rapidity of increase in the foreign white stock derived from the respective countries. Persons having Ireland and Wales as their countries of origin actually decreased in number from 1900 to 1910. All the other countries for which comparative statistics are presented in the table show an increase in their contributions to the foreign white stock of the United States, the rates of increase ranging from 4 per cent in the case of Germany to 188.3 per cent in the case of Italy, 204.7 per cent in the case of Russia and Finland, and 220.5 per cent in the case of Hungary.

Significant comparisons may be made between the columns in Table 5 showing the number of persons born in a given country and the columns showing the native whites of foreign parentage and the native whites of mixed parentage who had the same country of origin. The differences among the several countries of origin with respect to the relative magnitude of the figures in the three columns are largely due to differences in the dates at which the greatest immigration from those countries occurred. For example, the great bulk of immigration from Germany took place a considerable time ago, and it is but natural that in the population in 1910 the number of persons born in the United States both of whose parents were born in Germany should be greater than the number of persons who were themselves born in Germany. On the other hand, most of the immigration from Italy has taken place in recent years, and the number of natives of Italy was much greater than the number of persons born in the United States of Italian parents or than the combined number of such persons and those with one American and one Italian parent.

In the case of only four of the countries listed did the native whites both of whose parents were born in the specified country outnumber the persons who were themselves born there. These four countries are Germany, Ireland, Norway, and Wales. In several other cases, however, the combined number of native whites of foreign parentage and native whites of mixed foreign and native parentage having a given country of origin exceeded the number of persons themselves born in that country. This is true of Canada, Denmark, England, France, the Netherlands, Scotland, Sweden, and Switzerland.

In the case of all the other countries listed (namely, Austria, Belgium, the combined countries of Bulgaria, Serbia, and Montenegro, Greece, Hungary, Italy, Mexico, Portugal, Roumania, Russia and Finland, Spain, Turkey in Asia, and Turkey in Europe) the persons themselves born abroad exceeded the natives of foreign and mixed parentage combined.

The statistics in Table 5 regarding the country of origin of the native whites of mixed parentage are significant, as indicating indirectly the relative extent of intermarriage between persons born in the several foreign countries and native Americans. There are no census data available showing directly the number of such intermarriages, but the last two columns in Table 5 show the number of surviving children of such intermarriages. In 1910 the total of this class was 5,981,526. Native whites of mixed foreign and native parentage whose foreign parent was born in Germany numbered 1,869,590; those with the foreign parent born in Ireland, 1,010,628; in Canada, 920,278; and in England, 853,702. These four groups aggregated 4,654,198, or nearly four-fifths of the total native whites of mixed parentage.

It may be noted further, by comparing the number of native whites both of whose parents were foreign born with the number having one parent foreign born and the other native, that the latter are more numerous than the former in the case of five of the countries of origin listed, namely, Canada, England, Scotland, France, and Spain.

The diagram on the opposite page shows the total number of persons of foreign white stock in 1910 for each of the principal countries of origin, distinguishing in each case the foreign-born whites, the native whites of foreign parentage, and the native whites of mixed parentage.

#### DIVISIONS AND STATES.

**Total foreign born, by divisions.**—Table 14, on pages 204 to 207, shows, by geographic divisions, the number of the foreign born of all races combined, distributed according to country of birth, at each census from 1890 to 1910. The table also presents corresponding data by states for 1910 and 1900.

Table 6 distributes, by percentages, the foreign-born population of each geographic division at the last two censuses according to country of birth.<sup>1</sup>

<sup>1</sup> A subsequent table (Table 9), which deals with the foreign white stock, distinguishing the foreign-born whites from the native whites of foreign or mixed parentage, furnishes an even more convenient basis for noting the relative importance of the leading countries of birth in contributing to the foreign-born white population of the several geographic divisions. Although it relates only to the whites, in the case of most geographic divisions the percentages are almost the same as those based upon the total foreign born of all races.

## PER CENT DISTRIBUTION OF THE FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, BY DIVISIONS: 1910.

Table C

COUNTRY OF BIRTH.	PER CENT OF TOTAL FOREIGN-BORN POPULATION.																			
	United States.		New England.		Middle Atlantic.		East North Central.		West North Central.		South Atlantic.		East South Central.		West South Central.		Mountain.		Pacific.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
All foreign countries.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Austria.....	8.7	4.8	3.8	1.6	11.4	6.3	10.3	5.0	7.2	5.0	6.8	3.4	3.4	1.7	7.8	7.6	7.1	4.2	3.7	1.8
Belgium.....	0.4	0.3	0.2	0.1	0.2	0.2	0.7	0.6	0.4	0.3	0.4	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3
Canada, total.....	8.9	11.4	28.8	35.4	3.1	4.2	8.9	11.3	6.4	8.1	2.9	3.2	4.0	3.7	2.5	2.2	8.1	10.7	10.1	10.0
French.....	2.8	3.8	15.2	19.1	0.6	0.9	1.5	2.1	1.1	1.4	0.3	0.3	0.4	0.5	0.3	0.4	1.2	1.9	1.8	0.3
Other.....	6.1	7.6	13.6	16.3	2.5	3.3	7.4	9.2	5.3	6.7	2.6	2.9	3.6	3.2	2.2	2.2	6.9	8.8	9.3	9.6
China.....	0.4	0.8	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.1	0.4	0.8	0.4	0.4	0.3	0.5	1.0	2.5	3.8	9.8
Cuba and other West Indies.....	0.4	0.2	0.2	0.1	0.4	0.3	(*)	(*)	(*)	(*)	6.1	5.8	0.6	0.3	0.3	0.3	0.1	(*)	(*)	0.1
Denmark.....	0.4	0.4	0.4	0.4	0.5	1.4	1.5	4.0	8.9	8.9	0.4	0.6	0.4	0.6	0.6	0.6	3.8	5.1	2.6	2.6
England.....	6.5	8.1	8.5	9.6	6.3	8.9	5.5	6.9	4.3	5.1	7.6	9.4	8.9	9.5	4.3	5.1	12.0	16.8	8.0	9.5
Finland.....	1.0	0.6	0.8	0.4	0.3	0.2	1.4	0.9	1.8	0.8	0.2	0.1	0.2	0.1	0.1	0.1	2.0	1.8	2.1	1.4
France.....	0.9	1.0	0.6	0.5	0.8	1.0	0.6	0.8	0.6	0.7	0.9	1.1	2.1	2.5	2.4	3.5	0.9	1.0	2.2	2.6
Germany.....	18.5	27.2	3.9	5.1	15.6	25.6	30.0	40.9	26.4	32.4	21.1	34.4	32.5	41.7	19.8	27.6	9.5	11.0	12.9	18.9
Greece.....	0.7	0.4	0.9	0.1	0.3	0.1	0.6	0.1	0.9	(*)	1.5	0.3	1.6	0.2	0.5	0.1	2.9	0.1	1.6	0.1
Hungary.....	3.7	1.4	0.9	0.5	0.5	3.0	5.3	1.0	1.5	0.4	3.5	1.0	2.0	0.9	0.6	0.4	0.9	0.4	0.6	0.2
Ireland.....	10.6	15.6	18.3	26.8	12.7	21.9	5.8	9.1	4.9	7.3	9.2	16.9	11.5	18.0	3.4	5.7	5.9	9.1	7.1	10.3
Italy.....	9.9	4.7	9.8	4.2	16.2	8.8	4.5	1.7	2.4	0.7	12.5	4.9	9.3	4.0	9.0	8.4	7.6	4.7	8.6	4.8
Japan.....	0.5	0.2	(*)	(*)	(*)	(*)	(*)	(*)	0.1	(*)	(*)	(*)	(*)	(*)	0.1	(*)	(*)	(*)	(*)	(*)
Mexico.....	1.6	1.0	(*)	(*)	(*)	(*)	(*)	(*)	0.7	(*)	0.1	0.1	0.3	0.2	0.6	0.6	26.9	10.1	1.3	3.6
Netherlands (Holland).....	0.9	0.9	0.1	0.1	0.5	0.6	1.9	2.0	1.3	1.1	0.2	0.2	0.4	0.3	0.3	0.2	0.8	0.4	0.5	0.4
Norway.....	3.0	3.3	0.5	0.4	0.7	0.5	3.2	3.8	12.3	12.1	0.5	0.5	0.6	0.5	0.7	0.7	3.3	2.8	4.7	3.3
Portugal.....	0.4	0.3	1.9	1.2	(*)	(*)	(*)	(*)	0.1	0.1	(*)	(*)	0.1	0.1	0.1	0.1	0.1	0.1	2.4	2.3
Russia.....	11.9	5.6	10.6	4.4	18.4	9.8	8.9	3.0	7.3	4.3	16.4	9.5	9.3	4.2	4.0	2.8	4.1	1.5	3.4	1.6
Scotland.....	1.9	2.3	2.7	2.9	1.8	2.4	1.6	1.8	1.3	1.6	2.4	3.0	2.8	3.0	1.2	1.3	3.3	4.2	2.5	2.8
Spain.....	0.2	0.1	(*)	(*)	0.1	0.1	(*)	(*)	0.1	(*)	1.7	0.6	0.2	0.2	0.2	0.5	0.3	0.7	0.1	0.5
Sweden.....	4.9	5.6	3.9	4.1	1.8	2.2	5.8	6.5	15.2	15.6	1.0	1.0	1.8	1.5	1.8	2.1	7.8	9.5	2.3	2.8
Switzerland.....	0.9	1.1	0.2	0.2	0.6	0.8	1.1	1.3	1.2	1.4	0.7	0.9	3.1	3.6	1.1	1.2	1.5	1.9	2.2	2.8
Turkey.....	0.7	0.1	0.7	0.1	1.5	(*)	0.4	(*)	0.1	0.2	0.1	1.9	0.2	0.1	0.1	0.1	0.1	0.7	0.1	0.1
Wales.....	0.6	0.9	0.2	0.3	0.8	1.3	0.6	0.8	0.5	0.6	0.7	0.8	0.8	1.1	0.3	0.3	1.4	2.2	0.5	0.7
All other countries.....	1.2	0.9	1.2	0.9	1.3	1.0	0.8	0.6	1.0	0.6	1.1	1.5	1.4	1.8	1.8	0.8	1.1	1.8	0.8	2.3

\* Except Porto Rico.

\* Less than one-tenth of 1 per cent.

For New England the most important countries of birth of the foreign born enumerated in 1910 were, in the order of their rank, Canada, Ireland, and Russia, each of which contributed over 10 per cent of the total, followed by Italy and England. For the Middle Atlantic division they were Russia, Italy, Germany, Ireland, and Austria. For the East North Central division they were Germany and Austria, each of which contributed over 10 per cent, followed by Canada and Russia, each with 8.9 per cent. For the West North Central division the most important countries of birth were Germany, Sweden, Norway, and Russia. For the Mountain division the leading positions were occupied by England, Mexico, and Germany, and for the Pacific division by Germany, Canada, and Italy. In neither of these two western divisions was any one country of birth represented by as much as one-sixth of the total foreign-born population. In the three southern divisions the total number of foreign born was comparatively small. Persons born in Germany occupied the leading place in the South Atlantic and East South Central divisions, and those born in Mexico in the West South Central division.

Marked differences appear among the natives of different foreign countries with respect to the sections of the United States to which the greatest numbers have gone. These differences are most clearly brought out by Table 7, which shows, by percentages, the distribution of the persons born in each foreign country according to the geographic divisions in

which they were living at the census of 1910. For comparison the distribution of the total foreign-born population and also that of the total population are shown.

In view of the very large foreign-born population of the Middle Atlantic division, it is natural that that division should contain more of the persons from many of the countries specified than any other division. Of the natives of Austria in the United States in 1910, 47.1 per cent were in the Middle Atlantic division and 27 per cent in the East North Central. Of persons born in Canada, 43.7 per cent were in New England and 22.7 per cent in the East North Central division. Of those from England, 34.9 per cent were in the Middle Atlantic division, 19.4 per cent in the East North Central, and 17.8 per cent in New England; the distribution of persons born in Scotland was very similar. Of the natives of Germany, 36.8 per cent were in the East North Central division, 30.2 per cent in the Middle Atlantic, and 17.1 per cent in the West North Central. Many of the earlier German immigrants went to the farms of these geographic divisions. Of persons born in Hungary, 54.1 per cent were in the Middle Atlantic division (many of them in the mining regions of Pennsylvania) and 32.7 per cent in the East North Central.

Of persons born in Ireland, 45.5 per cent were in the Middle Atlantic division, 24.7 per cent in New England, and 13.3 per cent in the East North Central division. A decided concentration appears in the case of na-

tives of Italy, no less than 58.4 per cent in 1910 being in the Middle Atlantic division, 13.4 per cent in New England, and 10.9 per cent in the East North Central division. Of persons born in Russia, 55.7 per cent were in the Middle Atlantic division, 17.2 per cent in the East North Central, and 12 per cent in New England.

The natives of the Scandinavian countries have largely gone to the farming regions of the Middle West. Of those born in Norway, 49.2 per cent in 1910 were in

the West North Central division and 24.6 per cent in the East North Central, and of those born in Sweden, 32.1 per cent were in the West North Central and 26.8 per cent in the East North Central. The distribution of those born in Denmark is similar. Of the European immigrants, those born in Portugal show the most unequal distribution, nearly all of them being found in the New England and Pacific divisions. The natives of China and Japan have settled chiefly in the Pacific division.

## DISTRIBUTION OF POPULATION BORN IN THE LEADING FOREIGN COUNTRIES, BY DIVISION OF RESIDENCE: 1910.

DIVISION.	PER CENT OF TOTAL NUMBER OF PERSONS BORN IN SPECIFIED COUNTRY: 1910														
	Total population.	Total foreign born.	Austria.	Belgium.	Canada.	China.	Cuba and other West Indies. <sup>1</sup>	Denmark.	England.	Finland.	France.	Germany.	Greece.	Hungary.	Ireland.
United States.....	100.0	100.0													
New England.....	7.1	13.5	5.9	6.6	43.7	4.6	6.5	4.2	17.8	10.9	9.3	2.8	16.6	3.4	24.7
Middle Atlantic.....	21.0	33.9	47.1	21.3	12.3	12.1	45.1	11.4	34.9	9.9	33.8	30.2	15.7	34.1	45.3
East North Central.....	15.8	22.7	27.0	46.4	22.7	4.4	2.3	23.6	19.4	33.5	16.2	35.8	17.7	32.7	13.3
West North Central.....	12.7	12.0	9.9	12.4	8.5	1.8	1.3	33.2	7.9	22.8	8.2	17.1	13.8	4.0	5.8
South Atlantic.....	13.3	2.2	1.7	2.3	0.7	2.2	0.6	0.7	2.8	6.0	2.4	2.5	4.6	6.1	2.2
East South Central.....	9.1	0.6	0.3	0.3	0.3	0.6	1.0	0.3	0.9	0.1	1.6	1.1	1.4	0.4	0.7
West South Central.....	9.6	2.6	2.3	1.9	0.7	1.8	2.3	1.2	1.7	0.2	7.1	2.8	1.7	0.4	0.9
Mountain.....	2.9	3.4	2.8	2.0	3.0	8.3	0.6	0.5	6.2	7.1	3.6	1.7	1.1	1.1	0.9
Pacific.....	4.6	7.1	3.0	6.6	8.0	64.4	2.3	13.9	8.7	15.1	17.8	4.9	13.5	1.1	5.0

DIVISION.	PER CENT OF TOTAL NUMBER OF PERSONS BORN IN SPECIFIED COUNTRY: 1910													
	Italy.	Japan.	Mexico.	Netherlands (Holland).	Norway.	Portugal.	Russia.	Scotland.	Spain.	Sweden.	Switzerland.	Turkey.	Wales.	All other countries.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	13.4	0.4	0.1	1.8	2.1	57.1	12.0	18.5	5.2	10.6	3.0	29.3	4.5	13.5
Middle Atlantic.....	58.4	2.3	0.4	22.1	8.1	1.7	55.7	34.1	29.9	13.2	23.1	26.6	46.0	38.4
East North Central.....	10.9	0.7	0.4	48.7	24.6	0.9	17.4	18.7	2.8	35.8	26.6	16.6	22.1	14.7
West North Central.....	2.8	1.5	4.9	17.5	49.2	0.1	7.4	8.4	3.1	32.1	13.4	7.5	6.5	9.8
South Atlantic.....	2.9	0.2	0.1	0.5	0.4	0.3	3.1	2.7	22.5	0.4	1.7	4.8	2.4	2.1
East South Central.....	0.6	(?)	0.1	0.3	0.1	(?)	0.5	1.0	0.9	0.2	2.2	1.8	0.9	0.8
West South Central.....	2.4	0.6	58.1	0.6	0.6	0.3	0.9	1.6	7.3	1.0	3.0	3.5	1.1	1.8
Mountain.....	2.6	15.1	29.6	3.1	3.7	0.9	1.2	5.8	14.3	5.3	5.6	2.8	7.5	5.2
Pacific.....	6.1	79.2	23.3	4.2	11.2	58.6	2.1	9.3	23.0	10.3	17.5	7.0	6.0	13.7

<sup>1</sup> Except Porto Rico.

<sup>2</sup> Less than one-tenth of 1 per cent.

Table 8 shows, by geographic divisions, the number of foreign-born persons reported at the censuses of 1910 and 1900 classified into three groups: (1) Those born in northwestern Europe; (2) those born in southern and eastern Europe; and (3) those born in all other foreign countries.

There are conspicuous differences among the geographic divisions with respect to the proportions which these three groups of countries have contributed to the foreign-born population. In the New England division, for example, in 1910 only 39.4 per cent of the foreign born were from northwestern Europe, while 29.3 per cent were from southern and eastern Europe and 31.3 per cent from other countries, mainly Canada. On the other hand, in the West North Central division 70.4 per cent of the foreign born were from northwestern Europe, 21.9 per cent from southern and eastern Europe, and only 7.7 per cent from all other countries. The proportion from southern and eastern Europe was conspicuously high in the Middle Atlantic division, 53.4 per cent. The proportion from non-European countries was highest in the West South Central division, where there are considerable

numbers of Mexicans in the comparatively small foreign-born population.

DIVISION.	PERSONS BORN IN—					
	Northwestern Europe.		Southern and eastern Europe.		All other foreign countries. <sup>1</sup>	
	1910	1900	1910	1900	1910	1900
NUMBER.						
United States.....	6,740,400	7,016,311	5,948,533	1,822,691	1,726,903	1,492,071
New England.....	719,793	730,461	534,658	184,696	570,669	530,080
Middle Atlantic.....	2,053,472	2,187,570	2,888,248	849,349	299,453	180,949
East North Central.....	1,794,003	1,998,341	980,303	310,086	263,409	136,599
West North Central.....	1,137,571	1,226,223	354,857	173,976	124,261	133,049
South Atlantic.....	133,917	148,376	131,403	43,152	33,478	24,302
East South Central.....	57,466	74,406	23,642	10,473	6,717	5,887
West South Central.....	127,000	130,049	80,409	53,282	144,722	83,726
Mountain.....	229,299	185,046	122,329	39,612	101,551	68,717
Pacific.....	486,747	329,843	226,487	68,275	242,573	149,252
PER CENT OF TOTAL FOREIGN BORN.						
United States.....	69.9	67.8	37.4	17.7	12.8	14.4
New England.....	39.4	50.5	29.3	12.8	31.3	36.7
Middle Atlantic.....	42.3	60.9	53.4	28.6	4.9	5.4
East North Central.....	58.4	76.1	32.3	11.8	9.5	12.1
West North Central.....	45.4	80.0	21.9	11.3	7.7	8.7
South Atlantic.....	40.6	68.8	40.3	20.0	11.2	11.2
East South Central.....	65.4	82.2	28.9	11.6	7.6	6.4
West South Central.....	36.1	48.7	22.8	19.9	41.1	31.4
Mountain.....	53.6	64.1	27.0	13.1	22.4	22.8
Pacific.....	50.9	60.0	26.1	12.1	35.4	27.4

<sup>1</sup> Includes a few persons reported as born in Europe, country not specified.

More than half of the total number of southern and eastern Europeans in the United States in 1910 resided in the Middle Atlantic division, and more than four-fifths of them were in the Middle Atlantic, New England, and East North Central divisions, taken together. On the other hand, less than one-half of the northwestern Europeans were in the Middle Atlantic division, and the three divisions just named, taken together, contained a little more than two-thirds of the total number.

Foreign white stock, by divisions.—Table 13, pages 202 and 203, shows, for 1910, by geographic divisions, the total foreign white stock of each country of origin, distinguishing between white persons themselves foreign born and native whites of foreign or mixed parentage.

The principal facts brought out in Table 13 are shown more clearly in Table 9, in which the principal countries of origin of the foreign white stock of each geographic division are arranged in order of importance.

Table 9

FOREIGN WHITE STOCK: 1910						FOREIGN WHITE STOCK: 1910											
DIVISION AND COUNTRY OF ORIGIN.		Total.	Foreign-born white.		Native white of foreign or mixed parentage.		PER CENT OF TOTAL FOREIGN WHITE STOCK CONSISTING OF—	DIVISION AND COUNTRY OF ORIGIN.	Total.	Foreign-born white.		Native white of foreign or mixed parentage.		PER CENT OF TOTAL FOREIGN WHITE STOCK CONSISTING OF—			
Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Foreign born.			Number.	Per cent.	Number.	Per cent.	Number.		Per cent.		
<b>New England</b> .....	<b>3,867,036</b>	<b>100.0</b>	<b>1,814,388</b>	<b>100.0</b>	<b>2,052,708</b>	<b>100.0</b>	<b>46.9</b>	<b>53.1</b>	<b>South Atlantic—Con.</b>								
Canada.....	1,104,354	28.6	524,015	28.8	580,369	28.3	47.4	62.6	Austria.....	33,320	4.6	20,272	7.0	13,048	3.0	60.8	30.2
Ireland.....	978,352	25.3	334,475	18.4	643,877	31.4	34.2	51.5	Scotland.....	21,652	0.6	7,143	2.5	14,509	3.3	32.0	67.1
England.....	250,827	6.5	115,577	6.4	135,250	6.6	45.2	61.5	Cuba and other W. Indies	21,475	0.6	11,259	3.5	10,216	2.5	50.6	47.7
Russia.....	291,618	7.5	192,607	10.6	98,921	4.8	66.1	33.9	Hungary.....	19,126	0.6	8,488	2.9	10,640	2.4	44.4	55.6
Italy.....	277,361	7.2	179,428	9.9	97,933	4.8	64.7	35.3	Canada.....	14,154	1.9	10,599	3.6	3,555	0.8	74.9	25.1
Germany.....	176,946	4.6	70,261	3.9	106,685	5.2	39.7	60.3									
Sweden.....	136,471	3.5	70,774	3.9	65,697	3.2	56.0	44.0	<b>East South Central.</b>	<b>301,834</b>	<b>100.0</b>	<b>86,857</b>	<b>100.0</b>	<b>214,977</b>	<b>100.0</b>	<b>28.8</b>	<b>71.2</b>
Austria.....	107,127	2.8	69,583	3.8	37,544	1.8	65.9	35.0	Germany.....	125,572	41.6	28,516	32.8	97,056	45.1	22.7	77.3
Scotland.....	170,946	4.6	70,261	3.9	100,685	5.2	60.4	39.6	Ireland.....	51,349	17.0	10,123	11.7	41,226	19.2	19.7	80.3
Portugal.....	37,740	1.0	48,413	2.7	49,327	2.4			England.....	28,204	9.4	7,774	9.0	20,430	9.6	20.6	79.4
	33,721	1.4	32,453	1.8	21,268	1.0			Russia.....	14,838	4.9	8,181	9.4	6,657	3.1	55.1	44.9
<b>Middle Atlantic</b> .....	<b>10,417,491</b>	<b>100.0</b>	<b>4,826,179</b>	<b>100.0</b>	<b>5,591,312</b>	<b>100.0</b>	<b>46.3</b>	<b>53.7</b>	Italy.....	14,118	4.7	8,152	9.4	5,966	2.8	57.7	42.3
Germany.....	2,222,999	21.3	754,908	15.6	1,467,961	26.3	34.0	66.0	Canada.....	8,577	2.9	5,657	3.9	2,920	1.4	34.5	65.5
Ireland.....	1,922,069	18.3	615,717	12.8	1,306,352	24.3	32.0	68.0	Scotland.....	8,796	2.9	2,503	2.9	6,293	2.9	28.7	71.3
Russia.....	1,382,463	13.3	893,498	18.5	488,965	8.7	64.9	35.4	Switzerland.....	7,875	2.6	2,748	3.2	5,124	2.4	34.9	65.1
Italy.....	1,229,462	11.8	783,758	16.2	445,704	8.0	61.7	38.3	France.....	6,888	2.3	1,829	2.1	5,059	2.4	29.6	70.4
Austria.....	878,467	8.4	553,546	11.5	319,921	5.7	63.4	36.6	Austria.....	5,461	1.8	2,989	3.4	2,472	1.1	54.7	45.3
England.....	752,948	7.2	305,836	6.3	447,112	8.0	68.8	31.2									
Hungary.....	389,728	3.7	267,949	5.6	121,779	2.2			<b>West South Central.</b>	<b>354,042</b>	<b>100.0</b>	<b>348,759</b>	<b>100.0</b>	<b>605,283</b>	<b>100.0</b>	<b>36.6</b>	<b>63.4</b>
Sweden.....	323,875	3.1	186,971	3.9	136,904	2.5	45.4	54.6	Germany.....	275,451	28.0	69,737	20.0	205,714	34.0	25.3	74.7
Canada.....	211,237	2.0	88,975	1.8	122,262	2.2	42.1	57.9	Mexico.....	237,893	24.9	127,984	36.7	109,909	18.2	53.8	46.2
Sweden.....	163,268	1.5	87,717	1.8	75,551	1.3	54.7	45.3	England.....	53,263	5.6	15,014	4.3	38,249	6.3	28.2	71.8
									France.....	68,643	6.7	31,684	9.1	36,959	5.3	49.0	51.0
<b>East North Central</b> .....	<b>8,175,654</b>	<b>100.0</b>	<b>3,067,220</b>	<b>100.0</b>	<b>5,108,434</b>	<b>100.0</b>	<b>37.5</b>	<b>62.5</b>	Ireland.....	59,331	6.2	11,983	3.4	47,346	7.8	29.2	70.8
Germany.....	3,172,097	38.8	921,417	30.2	2,250,680	44.1	29.0	71.0	Russia.....	57,079	7.1	27,318	7.8	40,038	6.6	40.5	59.5
Ireland.....	706,749	8.6	179,257	6.2	527,493	10.3	25.4	74.6	Switzerland.....	29,799	3.1	14,108	4.0	15,691	2.6	43.7	56.3
Canada.....	679,139	8.3	270,286	9.0	408,853	8.0	39.8	60.2	France.....	29,549	3.1	8,242	2.4	21,307	3.5	27.9	72.1
Austria.....	563,985	6.9	317,462	10.4	246,523	4.7	47.0	53.0	Sweden.....	16,498	1.7	6,469	1.9	10,028	1.7	39.2	60.8
England.....	503,985	6.2	170,131	5.5	333,854	6.5	33.8	66.2									
Russia.....	424,124	5.2	274,963	9.0	149,161	2.9	64.8	35.2	<b>Mountain</b> .....	<b>1,053,831</b>	<b>100.0</b>	<b>436,910</b>	<b>100.0</b>	<b>616,921</b>	<b>100.0</b>	<b>41.5</b>	<b>58.5</b>
Sweden.....	366,340	4.5	178,138	5.8	188,202	3.7	48.8	51.2	England.....	171,028	16.2	54,349	12.4	116,679	18.9	31.8	68.2
Norway.....	246,136	3.0	99,199	3.2	146,936	2.9	40.0	59.7	Germany.....	134,967	12.8	42,897	9.8	92,070	14.9	31.8	68.2
Italy.....	236,159	2.8	146,824	5.8	79,335	1.6	65.9	34.1	Ireland.....	95,697	9.1	26,872	6.2	68,825	10.8	28.7	71.3
Hungary.....	144,883	1.8	162,258	5.3	182,626	3.6	74.5	25.5	Canada.....	89,748	8.2	36,172	8.3	53,576	8.2	41.7	58.3
									Mexico.....	78,029	7.4	45,159	10.3	32,870	5.3	57.9	42.1
<b>West North Central</b> .....	<b>4,827,934</b>	<b>100.0</b>	<b>1,612,231</b>	<b>100.0</b>	<b>3,215,703</b>	<b>100.0</b>	<b>33.4</b>	<b>66.6</b>	Sweden.....	75,529	7.0	33,462	8.1	37,847	6.1	48.4	51.6
Germany.....	1,601,182	33.2	420,331	26.1	1,171,631	36.5	28.6	71.4	Austria.....	69,562	4.8	24,618	7.0	44,944	7.0	68.1	31.9
Norway.....	545,681	11.2	198,728	12.3	346,953	10.8	36.6	63.4	Italy.....	49,228	4.7	32,325	7.4	16,903	2.7	48.7	51.3
Sweden.....	491,949	10.2	213,539	13.2	278,419	8.7	43.4	56.6	Denmark.....	48,577	4.6	17,259	3.9	31,317	5.0	55.6	44.4
Ireland.....	393,029	8.1	78,097	4.9	290,431	9.0	23.3	76.7	Russia.....	30,366	2.9	19,592	4.3	11,774	1.9	42.1	57.9
Canada.....	296,219	6.1	101,975	6.3	194,244	6.0	34.4	65.6									
Austria.....	256,972	5.3	116,281	7.2	140,691	4.4	45.3	54.7	<b>Pacific</b> .....	<b>1,915,163</b>	<b>100.0</b>	<b>861,444</b>	<b>100.0</b>	<b>1,053,655</b>	<b>100.0</b>	<b>45.0</b>	<b>55.0</b>
England.....	245,227	5.1	69,027	4.3	176,200	5.4	28.8	71.2	Germany.....	847,219	44.1	213,644	24.4	633,575	21.2	25.6	64.4
Russia.....	232,949	4.8	118,672	7.4	114,278	3.6	50.9	49.1	Ireland.....	212,171	11.1	67,648	7.9	144,530	13.7	31.7	68.3
Denmark.....	150,463	3.1	63,908	4.0	86,555	2.7	42.5	57.5	Canada.....	210,566	11.0	96,182	11.2	114,384	10.9	45.7	54.3
Scotland.....	75,652	1.5	21,814	1.4	53,838	1.6	29.8	70.4	England.....	184,678	9.6	75,675	8.8	108,003	10.1	41.2	58.8
									Italy.....	126,013	6.6	62,250	9.5	63,763	4.2	65.3	34.7
<b>South Atlantic</b> .....	<b>739,288</b>	<b>100.0</b>	<b>290,556</b>	<b>100.0</b>	<b>439,842</b>	<b>100.0</b>	<b>39.3</b>	<b>60.7</b>	Sweden.....	120,748	6.3	68,504	8.0	52,244	5.0	56.7	43.3
Germany.....	226,283	31.0	63,239	21.8	163,046	37.1	27.9	72.1	Norway.....	83,366	4.6	43,366	15.1	40,000	3.8	47.8	52.2
Ireland.....	115,297	15.5	27,471	9.5	87,826	19.1	24.1	75.9	Scotland.....	56,843	3.0	24,181	8.2	32,662	3.1	42.9	57.1
Russia.....	82,303	11.3	49,141	16.9	33,062	7.5	59.8	40.2	Russia.....	53,963	2.8	32,899	3.8	21,064	2.0	60.9	39.1
England.....	64,317	8.8	22,587	8.8	41,730	9.5	35.1	64.9	Italy.....	52,369	2.7	22,775	2.6	29,594	2.8	43.5	56.5
Italy.....	55,306	7.6	36,277	12.5	19,029	3.8	68.3	31.7									

<sup>1</sup> Except Porto Rico.

It will be noted that the order in which the countries rank as contributors to the foreign-born white population, taken by itself, is not always the same as the order in which they rank as contributors to the total foreign white stock. Germany ranks first as country of origin of the foreign white stock in all the geographic divisions except the New England and Mountain divisions, where first place is held by Canada and England, respectively. The second place is occupied by Ireland in the New England, Middle Atlantic, East North Central, South Atlantic, East South Central, and Pacific divisions; by Norway in the West North Central; by Mexico in the West South Central; and by Germany in the Mountain division.

Table 9 shows also, for each country of origin, the proportion of the total foreign white stock which consists, respectively, of white persons themselves born abroad and of native whites of foreign or mixed parentage. The differences in the relative importance of these two classes which appear in the statistics already presented for the United States as a whole usually appear also in the statistics for each geographic division. In the case of the stock derived from the countries from which most of the earlier immigration came, there are usually more natives of foreign or mixed parentage than persons themselves foreign born, while the opposite is the

case with respect to the stock derived from countries from which immigration has chiefly been drawn during recent years.

Table 10 gives percentages computed from Table 13, showing the distribution of the foreign white stock from each country of origin among the several geographic divisions. The percentages in this table bear a general similarity to those in Table 7, which shows the distribution of the persons themselves born abroad. This is naturally the case, since most of the native whites of foreign or mixed parentage having a given country of origin reside in the sections of the country in which their parents settled.

**Foreign born and foreign white stock, by states.**—Table 14, pages 204 to 207, shows, for 1910 and 1900, the number of the foreign born in each state classified according to country of birth, while Table 15, pages 208 and 209, shows, for 1910, the number of the native whites of foreign or mixed parentage classified according to the country of birth of the foreign-born parent or parents. In the case of most countries of origin, the approximate total foreign white stock resident in a given state may be obtained by adding the figures in Table 14 to those in Table 15, since in most cases the total number of foreign born from a given country is practically the same as the number of foreign-born whites from that country.

Table 10

PER CENT OF FOREIGN WHITE STOCK WITH SPECIFIED COUNTRY OF ORIGIN: 1910

DIVISION OF RESIDENCE.	Total population.	Total foreign white stock.	PER CENT OF FOREIGN WHITE STOCK WITH SPECIFIED COUNTRY OF ORIGIN: 1910																			
			Austria.	Canada-French.	Canada-Orient.	Denmark.	England.	Finland.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands (Holland).	Norway.	Russia.	Scotland.	Sweden.	Switzerland.	Wales.	
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	7.1	12.0	8.4	65.0	27.2	3.5	13.8	10.1	6.5	2.1	21.7	13.2	1.9	1.4	11.5	14.8	8.3	2.2	3.3	11.7	29.3	43.9
Middle Atlantic.....	21.0	32.3	43.3	18.2	13.6	0.1	32.4	8.3	28.3	26.8	16.4	55.7	42.7	58.6	19.8	5.1	54.4	32.0	11.7	29.3	43.9	10.9
East North Central.....	19.8	25.4	27.8	15.6	29.3	23.1	21.7	36.8	21.7	38.3	18.2	30.7	15.7	23.3	25.1	16.7	29.1	26.8	8.1	26.8	31.1	23.4
West North Central.....	12.7	15.0	12.2	6.5	12.9	57.6	10.6	24.0	11.2	19.3	13.3	5.9	8.2	2.6	18.7	55.5	9.2	11.2	36.1	18.9	11.3	11.3
South Atlantic.....	13.3	2.3	1.7	0.2	0.9	0.6	2.8	0.3	2.6	2.7	4.8	2.0	2.5	2.6	0.5	0.3	3.2	3.3	0.4	1.7	2.3	2.3
East South Central.....	0.1	0.9	0.3	0.1	0.4	0.3	1.1	0.2	2.4	1.5	1.5	0.4	1.1	0.7	0.4	0.1	0.6	1.3	0.3	2.6	1.0	
West South Central.....	9.6	3.6	3.4	0.4	1.2	1.5	2.3	0.2	10.1	3.3	2.0	0.5	1.3	4.0	0.8	0.7	1.2	2.3	1.2	3.4	1.2	
Mountain.....	2.9	3.3	1.4	4.0	12.1	7.4	6.7	3.4	4.4	1.6	13.3	0.9	2.1	2.4	2.5	3.3	1.2	6.4	5.4	5.4	8.0	
Pacific.....	4.6	5.9	19.2	2.2	10.4	12.1	8.0	14.2	13.8	4.2	14.9	1.1	4.7	6.0	3.7	8.5	2.1	8.6	8.9	14.4	5.5	

## URBAN AND RURAL COMMUNITIES.

Table 11 shows, for 1910, for the United States as a whole, the number of persons born in each of the leading foreign countries, classified as resident in urban or in rural communities, with corresponding percentages. Urban communities, as defined by the Census Bureau, include all cities and other incorporated places of 2,500 inhabitants or more, including New England towns of that population.

The foreign born from most countries have settled mainly in urban communities. While considerably less than half (46.3 per cent) of the total population of the United States in 1910 was urban, 72.1 per cent of the foreign-born population was urban. There are, however, striking differences in this respect among the

natives of the several foreign countries. In 1910 more than five-sixths of those from Roumania, the West Indies, Russia, Turkey in Asia, and Ireland resided in urban communities, while more than three-fourths of those from Canada who were of French descent, and of those from Turkey in Europe, Italy, and Hungary were urban, and more than seven-tenths of those from China, England, Scotland, Austria, and Greece. On the other hand, less than half of the foreign born from Mexico, Norway, Denmark, and Japan were in urban communities, and the proportion was comparatively low also in the case of persons born in Finland, in Bulgaria, Serbia, or Montenegro, in Switzerland, and in the Netherlands. Of natives of Germany—the most important class in the foreign-

born population—almost exactly two-thirds lived in urban communities.

In general, the immigrants from the countries of southern and eastern Europe, who have come mainly during recent years, have settled in cities to a greater

extent than the immigrants from northwestern Europe, most of whom came at an earlier period. The Irish, however, although most of them came at an earlier period, have manifested a conspicuous preference for urban life.

Table 11

COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910				COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910			
	Urban.	Rural.	Per cent urban.	Per cent rural.		Urban.	Rural.	Per cent urban.	Per cent rural.
<b>All foreign countries.</b>	<b>9,745,697</b>	<b>3,770,189</b>	<b>72.1</b>	<b>27.9</b>	Italy.....	1,049,399	293,735	78.1	21.9
Austria.....	850,567	324,466	72.4	27.6	Japan.....	32,908	34,836	48.6	51.4
Belgium.....	29,449	19,351	59.6	40.4	Mexico.....	75,947	145,968	34.2	65.8
Bulgaria, Servia, and Montenegro.....	10,958	10,533	50.9	49.1	Netherlands (Holland).....	68,880	84,183	54.9	45.1
Canada—French.....	313,184	71,899	81.3	18.7	Norway.....	170,615	233,262	42.2	57.8
Canada—Other.....	367,801	351,733	69.3	30.7	Portugal.....	41,335	18,025	69.6	30.4
China.....	41,536	14,520	73.9	26.1	Roumania.....	66,593	5,330	91.9	8.1
Cuba and other West Indies.....	42,977	4,658	90.2	9.8	Russia.....	1,393,965	208,817	87.0	13.0
Denmark.....	87,752	93,897	48.3	51.7	Scotland.....	189,090	71,986	72.4	27.6
England.....	637,105	249,614	72.6	27.4	Spain.....	14,649	7,468	66.8	33.2
Finland.....	64,810	64,870	50.0	50.0	Sweden.....	402,815	262,392	60.6	39.4
France.....	82,678	35,340	69.9	30.1	Switzerland.....	67,299	57,549	53.9	46.1
Germany.....	1,669,315	832,018	66.7	33.3	Turkey in Asia.....	51,789	7,940	86.7	13.3
Greece.....	72,290	28,992	67.4	32.6	Turkey in Europe.....	25,628	6,602	79.5	20.5
Hungary.....	383,297	112,312	77.3	22.7	Wales.....	54,418	28,059	66.0	34.0
Ireland.....	1,144,997	207,254	84.7	15.3	All other countries.....	50,929	20,629	71.2	28.8

<sup>1</sup> Except Porto Rico.

Table 12 shows, by geographic divisions, the number of the foreign born from each of the leading foreign countries living in urban and rural communities, respectively, together with the percentage urban. It should, of course, be borne in mind that there are great differences among the divisions with respect to the percentage of urban dwellers in the total population, which for comparison is also shown in the table.

#### PRINCIPAL CITIES.

Table 16, page 210, shows, for 1910 and 1900, the foreign-born population of each city of 250,000 inhabitants or more, distributed according to country of birth, while Table 17, pages 211 to 213, gives similar data, for 1910 only, for cities having from 25,000 to 250,000 inhabitants. The tables bring out striking differences among the cities with respect to the relative importance of the different countries in contributing to the foreign-born population. Table 16 also shows that many striking changes occurred between 1900 and 1910.

New York City in 1910 contained one-nineteenth of the total population of the United States and about one-seventh of the total foreign-born population. Of the 1,944,357 residents of the city who were born abroad, 484,193 were natives of Russia, 340,770 of Italy, 278,137 of Germany, 252,672 of Ireland, and

190,246 of Austria, no other country being represented by as many as 100,000.

Of the 783,428 foreign-born residents of Chicago in 1910, 182,289 were born in Germany, 132,063 in Austria, 121,786 in Russia, 65,965 in Ireland, and 63,035 in Sweden, less than 50,000 being natives of any other single country.

The following tabular statement names for each of the cities having over 250,000 inhabitants in 1910 the two countries having the largest representation among the foreign-born population:

CITY.	LEADING COUNTRIES OF ORIGIN OF FOREIGN-BORN POPULATION: 1910	
	First.	Second.
Baltimore.....	Germany.....	Russia.....
Boston.....	Ireland.....	Canada.....
Buffalo.....	Germany.....	Canada.....
Chicago.....	Germany.....	Austria.....
Cincinnati.....	Hungary.....	Hungary.....
Cleveland.....	Austria.....	Germany.....
Detroit.....	Germany.....	Canada.....
Jersey City.....	Germany.....	Ireland.....
Los Angeles.....	Germany.....	Canada.....
Milwaukee.....	Russia.....	Russia.....
Minneapolis.....	Sweden.....	Norway.....
New Orleans.....	Italy.....	Germany.....
New York.....	Russia.....	Italy.....
Newark.....	Germany.....	Russia.....
Philadelphia.....	Russia.....	Ireland.....
Pittsburgh.....	Germany.....	Russia.....
St. Louis.....	Germany.....	Russia.....
San Francisco.....	Germany.....	Ireland.....
Washington.....	Ireland.....	Germany.....

COUNTRY OF ORIGIN.

PERSONS BORN IN THE LEADING FOREIGN COUNTRIES. RESIDING IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

**Table 12**

COUNTRY OF BIRTH.	NEW ENGLAND.		MIDDLE ATLANTIC.		EAST NORTH CENTRAL.		WEST NORTH CENTRAL.		SOUTH ATLANTIC.		EAST SOUTH CENTRAL.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
Total population.....	5,455,345	1,097,336	13,723,373	5,592,519	9,617,271	8,633,350	3,873,716	7,794,295	3,092,153	9,102,742	1,574,229	6,835,622
<b>Total foreign born.....</b>	<b>1,686,187</b>	<b>133,923</b>	<b>4,073,111</b>	<b>778,062</b>	<b>2,195,174</b>	<b>878,582</b>	<b>633,869</b>	<b>882,828</b>	<b>195,996</b>	<b>100,998</b>	<b>56,534</b>	<b>29,221</b>
Austria.....	63,875	5,708	422,723	130,834	264,659	52,810	50,780	65,507	10,736	9,548	1,518	1,472
Canada—French.....	235,255	24,901	16,761	20,251	27,132	19,482	7,936	9,984	458	305	202	129
Canada—Other.....	311,308	39,776	94,129	27,297	145,786	82,740	36,547	48,382	4,657	3,315	2,032	1,146
Denmark.....	6,650	1,089	16,798	3,839	25,293	17,882	17,350	40,560	691	575	247	310
England.....	146,088	9,874	244,792	61,568	110,574	59,615	32,585	36,467	13,256	9,555	4,665	3,121
Finland.....	11,802	2,337	10,999	1,814	16,830	26,612	11,517	18,075	159	293	43	122
France.....	9,988	946	31,945	7,770	11,401	7,614	4,217	5,468	1,733	1,028	1,063	750
Germany.....	64,473	5,788	694,727	110,256	616,398	305,233	153,827	273,212	43,201	17,096	29,355	8,198
Greece.....	16,516	248	14,741	1,152	15,476	2,448	7,438	6,533	3,386	1,244	1,187	210
Hungary.....	15,934	973	199,833	68,118	140,743	21,510	16,335	7,937	2,870	7,730	1,085	657
Ireland.....	320,533	13,953	538,382	77,374	140,681	38,585	44,717	33,897	20,793	6,692	7,475	2,649
Italy.....	168,703	10,727	651,258	132,514	111,023	35,895	24,246	13,992	19,127	19,147	4,602	3,581
Japan.....	129	15	729	76	470	459	3,440	7,387	203	39	116	110
Netherlands (Holland).....	2,028	116	18,232	8,349	37,011	22,650	3,351	17,059	357	273	207	172
Norway.....	7,732	716	29,977	7,707	56,126	49,066	47,082	151,704	846	623	256	243
Russia.....	184,280	8,419	823,527	69,961	247,067	27,926	53,512	65,171	40,701	8,448	6,782	1,371
Scotland.....	44,963	3,458	70,834	18,161	33,628	15,088	9,758	12,069	3,650	3,485	1,299	1,104
Sweden.....	64,538	6,239	68,215	19,594	123,814	54,326	83,636	129,865	1,686	1,298	732	866
Switzerland.....	3,113	603	25,190	6,158	16,617	16,613	7,090	12,081	1,047	1,029	1,352	1,396
Wales.....	3,147	455	29,649	8,272	11,732	6,307	2,620	5,220	885	1,122	302	307

**Table 12—Continued.**

COUNTRY OF BIRTH.	WEST SOUTH CENTRAL.		MOUNTAIN.		PACIFIC.		PER CENT OF PERSONS BORN IN SPECIFIED COUNTRY AND LIVING IN SPECIFIED DIVISION WHO LIVE IN URBAN COMMUNITIES.									
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	New Eng.	Mid-Atl.	East North-Central.	West North-Central.	South Atlantic.	East South-Central.	West South-Central.	Mountain.	Pacific.	
Total population.....	1,957,456	5,827,078	947,511	1,686,006	2,382,329	1,809,975	83.3	71.0	52.7	33.3	25.4	18.7	22.3	36.0	56.8	
<b>Total foreign born.....</b>	<b>138,735</b>	<b>213,457</b>	<b>173,602</b>	<b>273,660</b>	<b>581,423</b>	<b>374,389</b>	<b>92.4</b>	<b>84.0</b>	<b>71.4</b>	<b>39.2</b>	<b>68.3</b>	<b>66.6</b>	<b>39.4</b>	<b>30.6</b>	<b>60.8</b>	
Austria.....	4,633	22,691	16,338	21,490	20,745	14,496	91.8	76.4	83.4	43.7	52.9	50.8	17.0	33.5	56.0	
Canada—French.....	536	599	2,069	3,177	4,805	3,104	91.0	62.1	38.2	44.3	60.0	61.0	51.3	39.8	60.3	
Canada—Other.....	4,901	3,624	14,202	17,134	57,205	31,397	85.2	77.6	63.5	43.0	58.1	63.9	52.5	43.3	64.6	
Denmark.....	286	1,953	6,147	11,044	13,643	11,583	86.5	81.4	59.9	22.1	54.6	44.3	39.6	33.9	54.1	
England.....	8,485	6,599	25,066	29,288	51,094	24,827	93.7	79.9	65.0	47.2	58.1	60.0	56.3	46.1	67.8	
Finland.....	139	172	3,329	5,825	9,992	9,620	83.5	85.8	38.7	38.9	35.2	26.1	44.7	36.4	50.9	
France.....	5,554	2,748	11,633	2,614	14,504	6,902	91.3	80.4	60.0	43.5	62.8	59.1	66.9	38.7	68.4	
Germany.....	25,948	43,812	19,632	23,266	79,398	44,255	91.8	85.4	66.9	35.9	71.6	71.3	37.2	43.8	64.2	
Greece.....	1,289	473	5,993	9,276	8,266	7,396	98.5	92.8	86.4	33.2	73.1	83.0	73.2	33.1	52.8	
Hungary.....	664	1,292	1,727	2,509	4,106	1,518	94.7	74.6	86.7	67.3	27.1	62.3	33.9	40.2	73.0	
Ireland.....	8,124	3,870	14,599	12,274	49,693	17,960	95.8	87.4	78.5	56.9	75.7	73.8	67.7	54.3	73.5	
Italy.....	14,647	19,039	10,268	24,165	45,506	36,768	94.0	83.1	73.6	63.4	50.0	50.2	46.2	29.8	53.3	
Mexico.....	42,156	86,761	12,447	33,346	16,266	17,772	87.0	90.6	50.6	31.8	83.9	51.3	32.7	27.2	47.8	
Netherlands (Holland).....	378	334	1,791	1,886	2,535	2,544	94.6	68.6	62.0	15.9	36.7	54.6	41.4	48.6	49.9	
Norway.....	1,070	1,437	5,157	9,972	28,369	16,794	91.5	91.7	50.5	23.7	57.6	51.3	42.7	34.1	62.8	
Russia.....	6,711	7,400	8,578	10,016	22,807	10,865	95.6	92.2	89.8	45.1	82.8	83.2	47.6	46.1	68.3	
Scotland.....	2,038	2,115	6,522	8,621	16,298	7,885	92.9	79.6	66.0	44.7	51.1	58.9	49.1	41.1	67.4	
Sweden.....	2,320	1,143	15,736	19,749	42,138	26,372	91.2	77.8	69.5	39.2	56.5	43.8	35.9	44.3	61.5	
Switzerland.....	1,471	2,297	2,338	4,832	9,081	12,740	83.8	80.4	50.0	37.0	50.4	49.2	39.0	33.5	41.6	
Wales.....	401	495	2,654	3,503	2,948	2,029	85.0	78.2	64.4	31.4	44.1	49.7	43.1	50.2		

## ABSTRACT OF THE CENSUS—POPULATION.

## FOREIGN WHITE STOCK BY COUNTRY OF ORIGIN, BY DIVISIONS: 1910.

Table 13

COUNTRY OF ORIGIN.	UNITED STATES.				NEW ENGLAND.				MIDDLE ATLANTIC.			
	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.
	Number.	Per cent.			Number.	Per cent.			Number.	Per cent.		
<b>All foreign countries.....</b>	<b>32,243,382</b>	<b>100.0</b>	<b>13,543,545</b>	<b>18,897,837</b>	<b>3,867,095</b>	<b>100.0</b>	<b>1,814,386</b>	<b>2,052,709</b>	<b>10,417,910</b>	<b>100.0</b>	<b>4,826,179</b>	<b>5,591,312</b>
Austria.....	2,901,559	6.2	1,174,924	826,635	107,127	2.8	69,583	37,544	879,467	8.4	553,540	319,921
Belgium.....	15,264	0.3	47,357	4,159	0.1	7,264	865	16,426	5,826	16,400	5,826	
Bulgaria, Servia, and Montenegro.....	2,685	0.1	21,251	1,234	386	0.1	223	63	2,852	0.1	2,561	91
Canada—French.....	832,238	2.9	385,083	547,155	609,241	15.8	278,156	331,085	70,136	0.7	27,012	49,134
Canada—Other.....	1,925,377	5.7	819,987	1,015,390	955,143	25.2	246,559	249,284	247,729	2.4	119,859	127,770
Cuba and Other West Indies <sup>1</sup> .....	41,842	0.1	23,159	18,673	2,212	0.1	1,276	936	13,009	0.1	8,212	4,797
Denmark.....	404,844	1.2	181,524	223,320	14,195	0.1	7,685	6,514	35,225	0.3	20,625	15,701
England.....	2,322,442	7.2	776,455	1,445,987	320,834	8.3	155,675	165,159	752,940	7.2	305,326	447,114
Finland.....	211,026	0.7	129,609	81,357	21,378	0.6	14,139	7,239	17,451	0.2	12,811	4,640
France.....	262,389	0.8	117,236	175,153	18,953	0.5	10,917	8,065	82,524	0.8	39,663	45,161
Germany.....	8,262,618	25.7	3,501,181	5,781,437	176,945	4.6	70,261	166,684	2,222,940	21.3	754,639	1,467,961
Greece.....	106,665	0.3	201,261	218,443	18,131	0.1	10,309	11,826	18,400	0.2	11,893	2,116
Hungary.....	700,227	2.2	485,690	204,627	26,016	0.7	16,907	9,109	388,738	3.7	207,949	121,789
Ireland.....	4,504,369	14.0	1,332,155	3,152,205	978,532	25.3	334,475	643,877	1,922,699	18.5	615,717	1,306,382
Italy.....	2,068,369	6.3	1,343,070	755,208	277,361	7.2	179,428	97,933	1,229,462	11.8	788,738	445,704
Mexico.....	382,092	1.2	219,802	162,300	197	0.0	132	65	1,133	0.0	73	10
Netherlands (Holland).....	293,574	0.9	120,033	173,521	3,910	0.1	2,139	1,771	58,081	0.6	26,577	31,094
Norway.....	979,009	3.0	403,838	575,241	13,367	0.3	8,447	4,920	69,719	0.5	32,680	17,099
Portugal.....	111,122	0.3	57,623	53,469	53,721	1.4	32,423	21,263	1,827	0.0	72	7,234
Romania.....	87,721	0.3	65,920	21,801	2,821	0.1	2,064	767	60,491	0.6	44,801	16,090
Russia.....	2,541,649	7.9	1,602,752	938,897	291,618	7.5	192,697	96,921	1,382,493	13.3	893,408	488,995
Scotland.....	659,663	2.0	261,034	398,629	97,740	2.5	48,413	49,327	211,237	2.0	89,975	122,362
Spain.....	33,134	0.1	21,977	11,157	1,767	0.1	1,158	609	6,892	0.1	4,564	2,328
Sweden.....	1,000,000	3.1	489,023	609,000	126,474	3.3	70,474	55,997	166,212	1.5	104,212	62,000
Switzerland.....	301,650	0.9	124,834	176,816	6,620	0.2	3,715	2,905	61,143	0.6	31,344	29,799
Turkey in Asia.....	78,631	0.2	59,702	18,929	29,618	0.5	19,267	5,140	20,982	0.2	16,358	4,624
Turkey in Europe.....	35,314	0.1	32,221	3,093	8,250	0.2	7,663	587	9,136	0.1	8,141	995
Wales.....	249,947	0.8	82,479	166,468	8,226	0.2	4,792	3,433	106,310	1.0	37,916	71,994
All other countries.....	2,068,369	6.3	1,343,070	755,208	292,569	0.8	159,666	122,903	214,688	2.0	119,488	95,200
Of mixed foreign parentage <sup>2</sup> .....	1,177,092	3.7	1,177,092	1,177,092	127,973	3.3	127,973	127,973	361,972	3.5	361,972	361,972

Table 13—Continued.

COUNTRY OF ORIGIN.	EAST NORTH CENTRAL.				WEST NORTH CENTRAL.				SOUTH ATLANTIC.			
	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.
	Number.	Per cent.			Number.	Per cent.			Number.	Per cent.		
<b>All foreign countries.....</b>	<b>8,175,554</b>	<b>100.0</b>	<b>3,067,220</b>	<b>5,108,434</b>	<b>4,827,934</b>	<b>100.0</b>	<b>1,613,231</b>	<b>3,214,703</b>	<b>730,388</b>	<b>100.0</b>	<b>290,555</b>	<b>439,843</b>
Austria.....	556,527	6.8	317,462	239,065	256,972	5.3	116,281	140,691	33,320	4.6	20,772	13,048
Belgium.....	46,223	0.6	22,925	23,298	11,832	0.2	6,146	5,686	1,609	0.2	1,150	564
Bulgaria, Servia, and Montenegro.....	5,253	0.1	4,916	337	6,497	0.1	4,574	123	196	0.1	167	106
Canada—French.....	145,235	1.8	65,614	79,621	16,047	0.3	17,820	1,963	3,763	0.5	793	2,400
Canada—Other.....	833,884	6.2	223,672	310,212	265,172	4.9	84,055	151,117	17,165	2.4	7,720	6,440
Cuba and Other West Indies <sup>1</sup> .....	1,101	0.0	596	505	787	0.0	349	438	21,475	2.9	11,229	16,246
Denmark.....	92,602	1.1	42,872	49,730	150,465	3.1	63,908	86,557	2,222	0.3	1,263	1,259
England.....	303,985	6.2	170,131	333,854	245,227	5.1	69,027	176,200	64,317	8.8	22,582	41,745
Finland.....	76,422	0.9	43,442	32,980	50,711	1.1	29,591	21,120	620	0.1	452	188
France.....	63,430	0.8	19,004	44,426	32,863	0.7	9,681	23,182	7,487	1.0	2,747	4,740
Germany.....	3,175,697	38.8	921,417	2,250,680	1,601,182	33.2	426,531	1,174,651	226,255	31.0	63,299	166,046
Greece.....	19,943	0.2	17,914	2,029	14,631	0.3	13,899	5,294	0.7	4,629	665	
Hungary.....	214,885	2.6	162,259	52,626	35,111	0.7	24,271	10,840	14,199	1.9	5,999	3,565
Ireland.....	706,749	8.6	178,257	527,483	399,050	8.3	189,050	209,413	111,597	15.3	27,471	48,126
Italy.....	226,150	2.8	146,824	79,326	55,123	1.1	38,234	16,889	55,296	7.6	27,277	16,929
Mexico.....	1,212	0.0	905	307	11,296	0.2	10,696	600	338	0.0	293	135
Netherlands (Holland).....	153,496	1.9	59,661	93,835	54,961	1.1	21,010	33,861	1,528	0.2	629	893
Norway.....	246,136	3.0	99,190	146,946	545,681	11.3	198,785	344,896	3,101	0.4	1,468	1,833
Portugal.....	1,431	0.0	863	568	203	0.0	114	89	314	0.0	143	424
Romania.....	11,894	0.1	9,945	1,949	7,012	0.1	5,401	1,611	1,479	0.2	1,055	424
Russia.....	424,124	5.2	274,993	149,131	232,940	4.8	118,682	114,258	223,203	11.3	49,141	33,662
Scotland.....	132,741	1.6	48,712	84,031	73,652	1.5	21,814	51,838	21,692	3.0	7,148	14,549
Spain.....	1,109	0.0	43,442	32,600	1,660	0.0	1,660	382	6,764	0.9	4,854	1,810
Sweden.....	365,310	4.5	178,138	187,172	491,949	10.2	212,339	278,419	6,052	0.8	2,981	3,681
Switzerland.....	93,897	1.1	33,229	60,668	56,971	1.2	30,771	37,800	5,178	0.7	2,071	3,107
Turkey in Asia.....	10,170	0.1	7,887	2,283	5,425	0.1	3,173	1,552	3,987	0.5	2,710	1,217
Turkey in Europe.....	7,936	0.1	7,411	525	3,252	0.1	3,049	203	1,845	0.3	1,650	195
Wales.....	16,265	0.2	8,096	40,696	28,129	0.6	29,840	20,263	2,098	0.3	2,098	3,681
All other countries.....	7,936	0.2	8,478	7,787	12,467	0.3	5,449	7,018	3,648	0.5	1,784	1,864
Of mixed foreign parentage <sup>2</sup> .....	287,385	3.5	287,385	287,385	180,696	3.7	180,696	180,696	23,168	3.2	23,168	23,168

<sup>1</sup> Less than one-tenth of 1 per cent.<sup>2</sup> Except Porto Rico.<sup>3</sup> Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

COUNTRY OF ORIGIN.

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FOREIGN WHITE STOCK BY COUNTRY OF ORIGIN, BY DIVISIONS: 1910—Continued.

Table 13—Continued.

COUNTRY OF ORIGIN.	EAST SOUTH CENTRAL.			WEST SOUTH CENTRAL.			MOUNTAIN.			PACIFIC.						
	Total foreign white stock.		Native white of foreign or mixed parentage.	Total foreign white stock.		Native white of foreign or mixed parentage.	Total foreign white stock.		Native white of foreign or mixed parentage.	Total foreign white stock.		Native white of foreign or mixed parentage.				
	Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.					
<b>All foreign countries.</b>	<b>301,834</b>	<b>100.0</b>	<b>86,857</b>	<b>214,977</b>	<b>354,942</b>	<b>100.0</b>	<b>348,759</b>	<b>605,283</b>	<b>1,653,331</b>	<b>100.0</b>	<b>436,910</b>	<b>616,921</b>	<b>1,915,103</b>	<b>100.0</b>	<b>861,448</b>	<b>1,053,655</b>
Austria.....	5,461	1.8	2,989	2,472	67,376	7.1	27,318	40,058	49,228	4.7	32,325	16,903	32,081	2.7	35,148	16,903
Belgium.....	364	0.1	162	202	1,808	0.2	921	887	1,634	0.2	980	654	5,119	0.3	3,264	1,855
Belgium, Serbia, and Montenegro.....	247	0.1	196	51	468	( <sup>1</sup> )	395	73	4,848	0.5	4,720	128	3,738	0.2	3,592	146
Canada—French.....	1,628	0.3	331	697	3,242	0.4	1,045	2,497	13,569	1.3	5,276	8,233	20,507	1.1	7,906	12,541
Canada—Other.....	7,709	2.6	3,066	6,131	22,277	2.3	7,869	14,708	73,239	6.9	30,896	42,343	190,059	9.9	88,216	101,343
Cuba and other West Indies <sup>2</sup> .....	324	0.1	157	167	1,360	0.1	523	837	286	( <sup>1</sup> )	152	134	1,198	0.1	675	523
Denmark.....	1,305	0.4	357	748	5,922	0.6	2,254	3,668	48,377	4.6	17,230	31,147	48,340	2.5	25,227	23,119
England.....	26,299	8.7	7,776	18,454	33,303	5.6	15,014	38,189	171,028	10.2	54,349	116,079	184,678	9.6	76,075	108,303
Finland.....	320	0.1	165	155	466	( <sup>1</sup> )	310	156	14,078	1.3	9,151	4,927	29,960	1.6	19,608	10,352
France.....	6,888	2.3	1,829	5,059	29,549	3.1	8,242	21,307	9,981	0.9	4,264	5,717	40,382	2.1	20,880	19,493
Germany.....	125,572	41.6	28,516	97,056	275,451	28.9	69,737	205,714	134,067	12.8	8,467	92,070	347,219	18.1	123,644	223,575
Greece.....	1,642	0.5	1,397	245	2,192	0.2	1,762	430	13,438	1.3	13,266	172	16,385	0.9	15,640	735
Hungary.....	2,570	0.9	1,742	828	3,454	0.4	1,956	1,498	6,462	0.6	4,296	2,166	7,897	0.4	5,521	2,276
Ireland.....	51,346	17.0	10,123	41,223	59,331	6.2	11,985	47,346	93,097	8.9	26,872	66,825	212,178	11.1	67,648	144,530
Italy.....	14,838	4.9	8,181	6,657	63,645	6.7	31,686	31,959	50,562	4.8	34,432	16,130	126,013	6.6	82,250	43,768
Mexico.....	340	0.1	209	131	237,803	24.9	127,984	109,809	78,029	7.4	45,159	32,870	61,644	2.7	33,771	17,773
Netherlands (Holland).....	1,031	0.3	379	652	2,435	0.3	912	1,523	7,223	0.7	3,667	3,556	10,909	0.6	5,079	5,830
Norway.....	1,161	0.4	499	662	6,403	0.7	2,305	3,998	32,136	3.0	15,126	17,010	33,305	4.3	45,158	38,147
Portugal.....	39	( <sup>1</sup> )	7	32	454	( <sup>1</sup> )	171	283	764	0.1	519	245	52,369	2.7	22,775	29,594
Roumanian.....	456	0.2	317	139	374	0.1	435	139	962	0.1	724	178	2,062	0.1	1,588	594
Russia.....	14,118	4.7	8,152	5,966	29,799	3.1	14,108	15,691	30,380	2.9	18,592	11,797	53,965	2.8	32,889	21,076
Scotland.....	8,736	2.9	2,603	6,233	14,933	1.6	4,151	10,782	42,087	4.0	13,142	26,945	56,843	3.0	24,181	32,662
Spain.....	745	0.2	301	344	3,582	0.4	1,613	1,969	5,980	0.3	2,143	387	7,544	0.4	5,063	2,481
Sweden.....	3,580	1.2	1,597	1,983	16,498	1.7	6,469	10,038	73,329	7.0	35,482	37,847	120,748	6.3	68,504	52,244
Switzerland.....	7,872	2.6	2,548	5,124	10,386	1.1	3,767	6,619	16,187	1.5	6,970	9,217	43,890	2.3	21,819	21,577
Turkey in Asia.....	2,030	0.7	1,392	638	318	0.4	2,615	1,172	1,729	0.2	1,243	486	6,144	0.3	4,327	1,817
Turkey in Europe.....	594	0.1	282	112	318	0.1	612	206	1,379	0.1	1,329	59	2,804	0.1	2,093	711
Wales.....	2,433	0.8	729	1,704	3,097	0.3	886	2,201	19,810	1.9	6,157	13,653	13,904	0.7	4,975	8,829
All other countries.....	1,434	0.5	625	809	4,233	0.4	1,873	2,360	4,822	0.5	2,560	2,262	24,886	1.3	13,753	10,333
Of mixed foreign parentage <sup>3</sup> .....	11,621	3.9	.....	11,621	28,996	3.0	.....	28,996	56,091	5.3	.....	56,091	99,790	5.2	.....	99,790

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Except Porto Rico.

<sup>3</sup> Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.



COUNTRY OF ORIGIN.

UNITED STATES AND DIVISIONS, 1890-1910, AND BY STATES, 1910 AND 1900.

PERSONS BORN IN—

	Greece.	Hungary.	Ireland.	Italy.	Japan.	Mexico.	Netherlands (Holland).	Norway.	Portugal.	Romania.	Russia. <sup>1</sup>	Scotland.	Spain.	Sweden.	Switzerland.	Turkey in Asia. <sup>2</sup>	Turkey in Europe. <sup>2</sup>	Wales.	All other countries. <sup>1</sup>
1	101,282	485,609	1,352,581	1,343,125	67,744	221,915	120,063	403,877	58,366	65,923	1,602,782	281,076	22,108	685,307	124,848	59,728	32,220	82,488	71,558
2	5,133	99,474	1,276,306	1,296,708	84,778	103,203	103,203	38,008	15,028	373,102	270,599	17,948	74,173	26,933	68,034	115,303	9,810	85,362	81,275
3	1,887	62,435	1,871,509	1,859,280	2,722	77,854	81,828	322,665	15,986	.....	183,614	242,231	6,185	478,041	104,609	.....	1,830	100,079	200,813
4	16,764	16,907	334,486	179,430	261	138	2,144	8,448	33,916	2,034	192,699	48,421	1,160	70,777	3,716	19,240	7,663	3,702	19,105
5	2,162	6,928	387,579	61,207	129	76	1,278	5,244	16,701	.....	63,357	42,157	453	59,415	3,181	.....	3,577	3,969	13,186
6	1,624	1,624	475,942	16,829	108	141	875	9,927	.....	.....	11,795	38,806	.....	35,821	2,944	.....	4,587	5,600	33,253
7	15,883	267,951	615,756	783,799	1,537	893	26,583	32,684	1,030	44,403	895,508	88,995	4,615	87,719	31,948	16,360	8,147	37,921	64,157
8	5,133	99,474	1,276,306	1,296,708	84,778	103,203	103,203	38,008	15,028	373,102	270,599	17,948	74,173	26,933	68,034	115,303	9,810	85,362	81,275
9	521	43,916	828,270	801,792	285	160	10,942	12,157	435	.....	81,101	80,576	1,964	51,633	21,364	.....	6,647	47,478	63,679
10	17,116	162,261	179,995	146,828	475	929	59,661	99,192	508	9,945	274,900	48,716	614	178,149	33,230	7,888	7,411	18,259	8,554
11	2,062	20,534	238,613	44,521	155	807	52,519	100,159	337	540	78,817	47,063	433	170,923	34,795	.....	22,122	15,908	75,115
12	358	10,116	287,813	16,371	123	356	47,095	104,626	409	.....	27,727	51,250	317	141,291	32,400	.....	146	22,997	78,715
13	13,989	24,272	78,418	68,238	990	10,827	21,010	198,796	89	5,401	118,683	21,817	687	203,331	19,171	3,879	3,049	7,840	5,575
14	2,002	6,396	111,192	10,554	249	327	10,569	18,413	33	1,180	66,600	25,608	402	207,949	21,053	.....	5,551	9,615	7,825
15	46	57,744	145,964	3,205	26	226	12,414	179,224	108	.....	42,130	39,309	.....	194,580	22,019	.....	177	11,400	19,388
16	4,300	10,600	27,425	38,284	149	242	630	1,409	204	1,053	49,148	7,145	4,985	2,984	2,070	2,771	1,651	2,907	2,046
17	673	2,104	36,600	10,609	36	195	538	998	129	218	20,478	6,470	1,279	2,131	1,954	.....	216	1,810	3,074
18	167	1,153	45,003	4,894	54	207	341	600	151	.....	5,900	7,144	1,797	1,815	.....	.....	33	1,787	3,567
19	1,387	1,742	10,124	8,183	26	226	379	499	14	317	8,153	2,503	203	1,598	2,748	1,394	282	729	755
20	2,917	814	16,302	3,608	13	139	271	408	17	68	3,848	2,768	1,700	1,350	2,216	.....	145	973	1,542
21	76	515	23,411	3,242	9	128	233	282	.....	.....	1,247	3,308	1,611	1,115	3,199	.....	19	1,419	1,977
22	1,762	1,956	11,994	11,968	402	128,917	912	2,597	182	433	14,111	4,153	1,623	6,463	3,768	2,610	613	896	2,075
23	284	1,016	3,538	22,533	71	725	494	17,748	162	68	5,684	3,407	902	5,854	15,333	.....	247	821	25,055
24	191	351	10,787	10,672	22	59,001	269	1,543	209	.....	1,466	3,183	1,153	3,605	2,894	.....	73	509	6,731
25	13,269	4,296	26,873	34,433	10,236	45,793	3,967	15,129	525	724	18,584	15,143	3,152	35,485	6,970	1,249	1,321	6,157	2,789
26	314	1,271	27,484	14,267	5,420	21,367	1,292	5,388	317	70	4,380	12,754	407	28,549	5,620	.....	259	6,225	2,443
27	61	480	29,645	7,425	35	16,887	6,960	3,960	337	70	3,637	12,538	235	22,928	4,388	.....	37	6,910	2,105
28	15,662	6,624	67,653	82,274	33,658	34,038	3,079	45,163	22,892	1,589	32,892	24,183	1,076	68,510	21,821	4,329	2,063	4,977	16,320
29	512	1,177	55,838	25,915	18,653	8,212	1,977	17,749	12,347	116	8,954	15,373	1,066	31,841	15,476	.....	7,193	8,859	11,506
30	384	546	76,828	17,492	1,030	7,294	1,231	14,307	10,684	.....	7,841	15,055	502	24,369	15,159	.....	212	5,910	11,675
31	579	157	7,800	3,468	12	28	27	580	52	20	4,752	2,380	111	2,208	56	744	721	204	295
32	7	29	10,159	1,334	10	3	22	569	5	.....	1,328	2,127	29	1,935	45	.....	84	199	540
33	2,634	60	10,613	2,071	1	6	48	491	110	26	4,345	1,079	17	2,068	78	851	1,965	58	189
34	44	84	13,547	947	1	3	21	256	29	.....	1,044	2,019	5	2,032	90	.....	65	68	256
35	113	539	4,940	4,594	3	6	29	102	79	17	2,455	2,615	351	1,331	214	189	31	1,043	112
36	3	128	7,453	2,154	1	3	29	54	55	.....	615	2,049	53	1,020	98	.....	22	1,056	207
37	11,413	1,996	222,867	85,066	150	71	1,597	5,432	26,447	858	117,281	28,416	549	39,362	1,341	15,546	3,992	1,513	16,402
38	1,843	926	219,916	28,783	78	11	993	3,335	18,463	128	37,919	24,332	239	32,192	1,277	.....	2,906	1,680	9,155
39	91	294	29,718	27,287	30	4	143	578	6,501	415	9,763	6,272	40	7,405	231	3,132	688	268	1,302
40	84	69	35,501	8,972	14	4	99	342	2,545	110	3,278	5,455	23	6,072	166	.....	284	256	1,238
41	1,074	13,855	58,458	56,954	65	19	394	1,265	707	718	54,121	6,759	92	18,208	1,800	1,738	996	616	905
42	1,212	5,692	70,994	19,163	25	22	133	709	508	247	19,143	6,175	104	16,164	1,499	.....	226	650	1,900
43	10,097	96,843	367,880	472,201	1,163	555	12,652	25,013	660	34,443	558,956	39,447	3,766	53,705	16,315	9,478	5,004	7,464	8,776
44	1,573	37,168	425,653	182,248	392	333	9,414	12,601	362	10,549	202,957	33,862	1,614	42,708	13,678	.....	1,915	7,304	10,695
45	1,573	47,610	82,758	115,446	107	97	12,698	5,351	146	2,298	93,567	17,512	465	10,547	7,549	2,306	399	1,202	1,044
46	111	14,913	94,844	41,803	67	55	10,261	2,296	62	478	29,398	14,211	154	7,337	6,570	.....	636	1,165	3,554
47	4,221	123,498	165,100	196,122	181	153	1,231	2,320	225	7,752	240,985	32,046	345	26,787	7,484	4,486	2,754	29,255	3,674
48	463	47,393	205,969	66,653	53	110	637	1,393	124	1,289	99,712	30,388	189	24,130	6,707	.....	551	35,433	7,526
49	2,555	85,851	40,662	41,620	70	85	2,718	1,110	112	3,974	47,550	10,705	123	5,922	10,988	2,031	1,945	9,377	1,551
50	213	16,463	55,018	11,229	28	33	1,979	639	187	100	14,543	9,327	44	3,951	12,007	.....	1,614	11,481	2,366
51	1,370	14,370	11,266	6,311	41	47	2,131	531	6	769	9,299	3,419	46	5,081	2,765	809	74	1,498	510
52	82	1,379	16,306	1,927	6	4	1,678	384	4	64	2,234	2,805	75	4,673	3,172	.....	74	2,083	1,063
53	10,631	39,859	93,455	73,263	274	672	14,462	32,913	291	4,306	149,016	20,755	364	115,424	8,061	2,600	2,453	4,094	4,040
54	1,570	6,734	114,563	23,533	102	156	11,916	29,979	209	312	45,790	20,021	227	109,147	9,033	.....	2,860	4,364	5,690
55	1,196	11,597	20,434	16,861	56	86	33,471	7,688	20	51	3,078	9,932	53	26,374	2,780	1,567	342	786	1,354
56	184	835	29,582	6,178	14	66	30,406	7,582	10	11	8,692	10,345	61	26,956	2,617	.....			

## FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, FOR THE

Table 14—Continued.		Total foreign born.	PERSONS BORN IN—											
			Austria.	Belgium.	Bulgaria, Servia, and Montenegro.	Canada. <sup>1</sup>		China.	Cuba and other West Indies.	Denmark.	England.	Finland.	France.	Germany.
						French.	Other.							
WEST NORTH CENTRAL—Contd.														
1	South Dakota:													
2	1910.....	100,790	5,372	237	501	998	5,012	98	17	6,294	4,024	1,281	232	21,544
3	1900.....	88,468	3,203	120		1,138	5,907	150	10	5,638	3,862	1,175	202	18,172
4	Nebraska:													
5	1910.....	176,622	24,382	491	183	674	6,681	89	47	13,474	8,009	79	639	57,302
6	1900.....	109,847	21,188	272		1,039	8,010	180	31	12,331	7,757	37	876	46,811
7	Kansas:													
8	1910.....	135,450	12,094	1,703	118	1,087	6,101	38	74	2,760	11,292	49	2,637	34,608
9	1900.....	138,985	9,636	983		1,483	7,053	16	37	2,914	13,283	44	2,942	39,659
SOUTH ATLANTIC.														
10	Delaware:													
11	1910.....	17,492	992	8	1	63	441	29	34	32	1,558	9	179	2,573
12	1900.....	13,816	227			41	257	51	33	43	1,506	23	148	2,771
13	Maryland:													
14	1910.....	104,944	8,254	59	31	110	1,330	291	433	237	5,211	47	532	36,657
15	1900.....	93,934	4,869	49		87	1,143	492	309	177	5,299	28	534	45,865
16	District of Columbia:													
17	1910.....	24,802	439	41	10	109	1,652	273	243	176	2,638	21	511	5,179
18	1900.....	20,319	201	32		97	809	417	134	88	2,299	14	383	5,868
19	Virginia:													
20	1910.....	27,067	1,281	48	10	104	1,296	125	233	240	3,687	50	300	4,228
21	1900.....	19,461	585	19		104	1,026	298	107	128	3,425	36	316	4,627
22	West Virginia:													
23	1910.....	57,218	8,389	800	109	88	784	62	46	67	3,511	127	535	6,210
24	1900.....	22,451	1,143	79		72	639	47	12	60	2,523	6	298	6,670
25	North Carolina:													
26	1910.....	6,692	139	5	2	29	314	61	43	36	940	18	114	1,074
27	1900.....	4,492	31	16		36	444	41	37	36	904	9	80	1,188
28	South Carolina:													
29	1910.....	6,179	222	19	1	39	243	46	29	51	617	42	79	1,744
30	1900.....	5,428	92	10		31	173	61	57	55	474	9	84	1,482
31	Georgia:													
32	1910.....	18,477	349	27	6	70	731	174	226	112	1,671	49	224	3,029
33	1900.....	12,465	230	25		80	679	184	157	88	1,514	10	249	3,413
34	Florida:													
35	1910.....	49,633	228	30	14	151	1,577	158	17,656	295	3,678	89	285	2,446
36	1900.....	23,832	116	13		88	1,114	113	11,654	204	2,231	42	362	1,816
EAST SOUTH CENTRAL.														
37	Kentucky:													
38	1910.....	40,162	1,032	73	77	98	972	34	42	78	2,619	18	645	19,351
39	1900.....	50,249	543	77		158	4,972	46	28	77	3,226	6	983	27,653
40	Tennessee:													
41	1910.....	18,607	637	27	11	91	1,065	40	71	163	2,045	21	303	3,993
42	1900.....	17,746	321	20		119	936	66	46	117	2,597	16	352	4,589
43	Alabama:													
44	1910.....	19,296	904	45	100	96	737	44	239	197	2,365	38	592	3,633
45	1900.....	14,592	390	45		59	617	54	134	98	2,347	28	539	5,642
46	Mississippi:													
47	1910.....	9,779	417	17	2	46	494	196	156	119	777	88	291	1,666
48	1900.....	7,981	200	24		76	345	206	45	36	798	28	365	1,928
WEST SOUTH CENTRAL.														
49	Arkansas:													
50	1910.....	17,946	1,208	11	17	119	955	44	27	173	1,519	15	387	5,815
51	1900.....	14,289	851	14		161	932	50	22	135	1,394	3	357	6,674
52	Louisiana:													
53	1910.....	32,766	1,597	24	25	259	941	346	330	239	2,086	118	5,345	8,935
54	1900.....	32,903	798	318		253	781	554	543	216	2,068	73	6,500	11,866
55	Oklahoma:													
56	1910.....	40,442	3,889	119	115	329	2,551	127	65	550	2,981	18	749	10,600
57	1900.....	29,538	1,897	97		227	1,580	59	19	259	1,900	2	516	5,999
58	Texas:													
59	1910.....	241,938	29,570	323	240	356	3,178	492	359	1,289	8,498	109	1,821	44,929
60	1900.....	179,367	16,696	244		400	2,549	767	343	1,089	8,213	113	2,025	49,459
MOUNTAIN.														
61	Montana:													
62	1910.....	94,713	8,350	235	2,155	2,874	10,968	1,698	39	1,943	5,981	4,111	639	8,669
63	1900.....	67,967	3,786	145		3,616	10,310	1,075	18	1,041	8,077	2,103	639	7,192
64	Idaho:													
65	1910.....	42,578	1,561	94	576	796	4,575	773	13	2,254	4,983	632	333	5,099
66	1900.....	24,604	377	42		395	2,528	1,411	10	1,626	3,943	292	194	2,897
67	Wyoming:													
68	1910.....	29,020	3,966	82	331	143	1,288	204	38	962	2,985	1,380	314	2,628
69	1900.....	17,416	1,132	29		150	1,068	424	8	884	2,596	1,220	183	2,167
70	Colorado:													
71	1910.....	129,587	13,943	375	609	789	8,702	320	99	2,756	12,628	1,289	1,374	17,071
72	1900.....	91,155	6,381	170		900	8,857	881	71	2,059	13,575	844	1,162	14,666
73	New Mexico:													
74	1910.....	33,146	1,233	44	167	111	912	202	25	116	1,101	26	325	1,746
75	1900.....	13,625	374	25		84	689	314	9	57	968	29	238	1,365
76	Arizona:													
77	1910.....	48,765	1,483	50	371	177	1,650	1,016	37	284	3,500	560	323	1,846
78	1900.....	24,233	318	33		193	1,116	1,296	17	199	1,561	32	253	1,247
79	Utah:													
80	1910.....	65,822	1,870	74	346	118	1,576	311	9	8,300	18,083	1,012	938	3,963
81	1900.....	53,777	272	29		128	1,303	544	6	9,132	18,879	734	220	2,365
82	Nevada:													
83	1910.....	19,691	822	26	178	272	1,575	730	16	616	1,793	174	633	1,916
84	1900.....	10,693	102	9		222	810	1,597	2	339	1,167	51	393	1,182
PACIFIC.														
85	Washington:													
86	1910.....	256,241	12,745	1,228	1,647	3,711	35,771	2,301	175	7,804	19,480	8,719	2,340	29,388
87	1900.....	111,364	2,788	240		1,899	18,385	3,462	67	3,626	10,481	4,732	1,065	16,831
88	Oregon:													
89	1910.....	112,136	5,241	533	1,095	1,146	11,293	6,408	68	3,215	7,998	4,734	1,159	17,958
90	1900.....	68,748	1,139	268		874	6,634	9,767	21	1,663	5,663	2,131	775	13,327
91	California:													
92	1910.....	586,432	17,165	1,464	880	3,109	44,568	27,341	854	14,309	48,703	6,159	17,957	76,307
93	1900.....	367,249												

## COUNTRY OF ORIGIN.

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UNITED STATES AND DIVISIONS, 1890-1910, AND BY STATES, 1910 AND 1900—Continued.

		PERSONS BORN IN—																		
Greece.	Hungary.	Ireland.	Italy.	Japan.	Mexico.	Netherlands (Holland).	Norway.	Portugal.	Roumania.	Russia.	Scotland.	Spain.	Sweden.	Switzerland.	Turkey in Asia. <sup>1</sup>	Turkey in Europe. <sup>1</sup>	Wales.	All other countries. <sup>2</sup>		
1	231	594	2,980	1,158	38	15	2,656	20,918	2	55	13,189	1,102	9,988	800	246	238	48	503	332	
3	421	1,423	5,228	360	1	15,106	19,788	2	40	12,492	1,242	8,647	585	.....	.....	.....	549	549	437	
3	4,469	4,431	8,124	3,799	583	290	872	2,750	7	295	13,020	2,133	21	23,219	2,150	572	247	824	525	
4	23	407	11,127	752	9	27	885	2,883	6	24	8,484	2,773	182	24,693	2,340	55	922	969	969	
5	1,410	1,078	8,100	3,520	111	2	829	1,904	9	67	15,311	3,591	282	13,309	2,833	287	287	2,161	562	
6	17	650	11,516	987	2	71	875	1,477	20	67	11,451	4,219	39	15,144	3,337	.....	37	2,005	581	
7	34	247	3,985	2,893	4	2	20	38	1	39	3,429	344	5	332	78	10	34	68	.....	
8	12	86	5,044	1,122	1	2	69	49	2	11	1,348	341	4	302	59	.....	2	43	204	
9	453	2,089	9,705	6,969	23	10	203	363	37	230	27,537	1,955	84	421	402	80	44	583	476	
10	95	323	13,874	2,449	9	26	220	246	20	26	15,574	2,128	34	347	320	.....	21	674	765	
11	342	155	5,347	2,761	44	26	64	149	2	41	3,393	705	51	359	281	139	41	87	206	
12	34	48	6,220	930	11	38	42	101	6	2	913	574	31	254	244	.....	33	82	222	
13	29	1,781	2,450	2,449	14	12	99	131	85	72	4,379	1,246	69	368	246	484	144	225	336	
14	79	607	3,654	781	12	18	72	123	29	15	1,845	1,102	35	218	229	.....	49	207	432	
15	787	5,939	2,292	17,392	4	10	60	38	3	250	5,143	1,088	464	279	600	720	420	880	127	
16	108	810	3,342	2,921	7	22	19	.....	.....	.....	1,038	565	5	132	696	.....	20	482	345	
17	174	37	306	521	2	10	28	39	20	7	711	435	8	112	68	402	107	35	95	
18	14	8	371	201	1	4	17	21	8	6	282	320	6	68	77	.....	16	20	208	
19	282	40	676	316	7	2	19	82	3	6	786	239	14	95	36	263	43	11	125	
20	62	19	1,131	180	.....	2	6	49	6	9	398	230	15	65	36	.....	4	8	174	
21	941	230	1,655	545	5	25	52	145	23	83	3,224	527	91	280	169	370	99	89	299	
22	191	106	2,293	218	1	14	38	156	12	36	1,350	417	65	204	180	.....	21	65	326	
23	886	79	1,069	4,338	46	145	85	204	30	323	547	696	4,109	729	146	291	744	63	384	
24	98	37	797	1,707	1	84	52	335	37	115	230	434	1,084	1,084	569	113	14	109	401	
25	273	725	5,914	1,316	11	28	140	53	3	100	3,222	641	24	190	1,633	369	55	222	184	
26	24	146	9,874	679	3	19	126	34	1	22	1,658	701	21	222	1,969	.....	17	337	526	
27	374	726	2,296	2,034	8	45	78	89	2	77	2,484	563	26	363	800	159	20	252	184	
28	38	296	3,372	1,222	4	29	52	141	4	7	1,156	544	14	337	1,064	.....	34	300	427	
29	633	585	1,167	2,696	5	81	127	296	4	108	1,531	1,120	74	753	213	389	128	270	219	
30	129	332	1,792	862	6	43	42	159	8	16	564	1,223	59	488	200	.....	66	306	316	
31	117	56	747	2,137	2	72	34	91	5	32	916	181	79	292	82	477	79	25	168	
32	22	40	1,264	845	.....	48	41	74	4	23	470	106	76	303	83	.....	28	30	274	
33	179	265	1,079	1,699	9	132	145	76	.....	38	760	442	9	355	804	180	45	148	156	
34	6	97	1,245	576	.....	68	69	54	.....	3	340	342	7	365	679	.....	1	113	211	
35	237	397	3,757	20,233	30	1,623	113	265	73	111	1,803	455	719	344	421	949	196	82	729	
36	84	148	6,436	17,431	12	498	78	189	94	16	802	309	583	359	323	.....	290	120	778	
37	590	348	1,801	2,564	47	2,144	230	331	19	27	5,807	1,218	47	1,028	770	370	123	365	329	
38	5	178	1,384	601	.....	734	83	149	10	4	3,128	737	22	1,682	434	.....	40	269	251	
39	756	926	5,357	7,190	316	125,016	424	1,753	89	259	5,739	2,633	848	4,708	1,723	1,125	227	301	833	
40	109	593	6,173	3,942	16	71,062	262	1,586	62	45	3,076	1,032	280	4,388	1,709	.....	216	313	1,545	
41	1,905	1,486	9,469	6,362	1,566	67	1,054	7,170	31	286	2,228	3,373	49	6,412	988	201	491	884	419	
42	20	274	9,496	2,199	2,427	47	316	3,354	34	258	597	2,422	20	5,846	736	.....	157	933	347	
43	1,843	202	1,782	2,067	1,330	133	261	2,566	49	19	743	1,282	1,047	7,485	1,819	73	129	722	367	
44	9	37	1,633	779	1,953	28	50	1,173	5	1	149	796	57	2,822	1,017	.....	8	732	148	
45	1,915	437	1,359	1,961	1,575	188	79	623	50	57	703	1,812	120	2,497	231	151	262	419	168	
46	230	287	1,491	781	397	38	18	578	12	2	119	1,123	5	1,727	199	.....	.....	383	84	
47	2,272	1,632	8,710	14,375	2,245	2,602	730	1,787	43	334	13,618	4,269	177	12,446	1,767	333	217	1,960	666	
48	37	374	10,132	6,335	31	274	260	1,110	28	35	3,493	4,069	41	10,763	1,479	.....	33	1,863	754	
49	167	206	614	1,969	691	254	11,918	86	151	10	6	228	596	100	365	172	123	17	83	
50	1	41	692	601	9	8,499	69	33	6	2	157	467	27	244	323	.....	13	163	151	
51	77	112	1,550	1,331	301	29,987	41	272	29	16	311	359	31	342	199	.....	44	210	204	
52	10	27	1,159	699	284	14,122	23	122	18	1	119	359	31	342	199	.....	29	136	222	
53	109	17	1,637	3,117	2,650	166	1,302	2,305	8	18	568	243	24	7,227	1,691	215	146	1,672	542	
54	3	33	1,914	1,082	419	41	522	2,128	8	1	154	5,143	8	7,025	1,469	.....	18	2,141	573	
55	1,651	44	1,702	2,831	853	792	44	253	305	8	135	469	778	708	468	25	15	168	297	
56	4	3	1,425	1,296	228	.....	3	20	176	.....	42	247	178	278	344	.....	1	128	126	
57	4,187	1,160	10,180	13,121	12,177	145	73	2,157	28,368	179	211	10,961	7,101	383	32,199	3,447	423	728	1,976	933
58	65	222	7,262	2,124	2,779	145	73	632	8,891	137	19	2,728	3,653	54	12,737	1,825	.....	65	1,569	933
59	3,555	1,160	4,965	5,538	3,727	199	618	9,843	174	238	4,321	3,357	462	10,099	3,853	197	533	585	1,144	
60	86	156	4,210	1,014	2,222	53	324	1,789	142	24	1,973	2,263	56	4,555	2,677	.....	29	401	677	
61	7,920	3,304	52,478	63,615	38,214	33,694	2,324	9,852	22,539	1,120	16,610	11,615	4,229	26,212	14,621	3,709	812	2,416	13,496	
62	372	799	44,476	22,777	10,264	8,091	1,015	5,060	12,068	73	4,273	9,467	836	14,548	10,994	649	1,949	9,310	9,310	

<sup>1</sup>Included persons in 1900 reported as born in Poland, without specification as to whether German, Austrian, or Russian Poland.

## NATIVE WHITE POPULATION OF FOREIGN OR MIXED PARENTAGE,

Table 15	DIVISION AND STATE.	Total native white persons of foreign or mixed parentage.	NATIVE WHITE PERSONS HAVING BOTH PARENTS BORN IN COUNTRY SPECIFIED, OR ONE PARENT SO BORN AND THE OTHER NATIVE.											
			Austria.	Bel-gium.	Bul-garia, Servia, and Montenegro.	Canada.		Cuba and other West Indies.	Den-mark.	Eng-land.	Fin-land.	France.	Germany.	Greece.
						French.	Other.							
1	United States.....	18,897,837	826,656	39,867	1,234	547,155	1,011,399	18,673	218,443	1,446,987	81,357	175,153	6,781,437	8,461
GEOGRAPHIC DIVISIONS:														
2	New England.....	2,052,709	37,544	895	63	331,085	249,284	936	6,514	165,159	7,229	8,968	106,684	1,367
3	Middle Atlantic.....	5,991,312	319,921	5,826	291	49,134	127,770	4,997	15,701	447,114	4,640	45,161	1,467,961	2,116
4	East North Central.....	5,108,434	239,065	23,298	337	98,641	310,212	5,985	49,730	333,854	32,660	44,429	2,259,689	2,029
5	West North Central.....	3,214,703	140,091	5,686	123	43,127	131,117	438	86,537	176,200	21,129	23,182	1,174,651	642
6	South Atlantic.....	439,843	13,048	564	22	1,200	9,440	10,246	1,239	41,735	168	4,740	163,046	665
7	East South Central.....	214,977	2,472	202	51	697	4,718	167	748	18,454	155	5,039	97,056	245
8	West South Central.....	605,283	40,038	887	73	2,497	14,763	337	3,668	38,189	156	21,307	90,574	430
9	Mountain.....	616,921	16,903	654	128	8,233 <sup>1</sup>	42,843	134	31,147	116,679	4,927	5,717	92,070	712
10	Pacific.....	1,653,655	16,933	1,855	146	12,541	101,843	923	23,119	108,603	10,392	19,403	233,275	175
NEW ENGLAND:														
11	Maine.....	134,955	389	20	19	40,494	49,884	52	1,055	6,927	383	321	2,004	53
12	New Hampshire.....	103,117	990	34	.....	40,489	19,966	28	124	6,478	636	199	2,487	88
13	Vermont.....	75,655	436	22	2	25,876	16,037	10	142	3,959	174	270	1,349	18
14	Massachusetts.....	1,170,447	18,286	417	17	100,623	147,515	514	2,669	91,882	5,629	3,903	47,174	1,003
15	Rhode Island.....	194,646	2,960	213	3	39,127	7,538	156	261	25,909	105	60	6,564	102
16	Connecticut.....	374,489	14,523	189	22	24,470	8,944	176	2,263	30,694	455	2,616	47,106	103
MIDDLE ATLANTIC:														
17	New York.....	3,907,248	137,163	1,534	81	45,132	100,727	3,245	8,173	194,961	2,746	22,509	707,706	1,380
18	New Jersey.....	777,797	31,429	1,001	45	1,572	8,813	603	4,611	61,744	619	6,799	210,500	1,07
19	Pennsylvania.....	1,806,267	151,329	3,201	105	2,430	18,230	859	2,917	180,409	1,275	13,853	459,469	629
EAST NORTH CENTRAL:														
20	Ohio.....	1,024,383	52,713	1,171	165	5,051	26,009	139	1,958	84,777	3,313	14,026	498,704	226
21	Indiana.....	350,551	6,005	1,907	21	2,214	8,532	45	1,274	24,886	100	6,699	202,101	108
22	Illinois.....	1,723,347	117,824	5,450	90	16,137	48,299	264	16,151	108,063	792	13,701	603,226	1,148
23	Michigan.....	964,882	19,488	4,822	21	54,826	193,985	100	8,486	77,599	24,404	6,249	238,170	148
24	Wisconsin.....	1,044,761	45,035	9,939	40	20,413	33,367	47	21,861	38,529	3,991	3,661	561,559	226
WEST NORTH CENTRAL:														
25	Minnesota.....	941,136	38,008	1,604	53	24,145	45,270	52	21,387	24,370	17,825	3,022	287,232	150
26	Iowa.....	632,181	23,919	887	17	3,192	25,660	88	23,786	46,639	51	4,500	261,247	154
27	Missouri.....	518,201	13,567	911	16	2,175	13,269	100	2,327	34,662	64	8,202	278,287	161
28	North Dakota.....	251,236	6,051	260	2	4,760	25,747	4	6,848	6,253	1,424	629	43,195	20
29	South Dakota.....	217,491	7,884	347	6	2,900	11,204	30	8,609	10,851	1,694	851	61,230	11
30	Nebraska.....	362,385	38,449	364	6	2,117	15,135	39	18,889	22,585	46	1,748	144,412	55
31	Kansas.....	292,105	12,763	1,343	23	3,838	14,832	35	4,457	30,840	15	4,230	98,028	61
SOUTH ATLANTIC:														
32	Delaware.....	28,873	407	.....	.....	61	371	19	36	3,025	.....	.....	262	4,993
33	Maryland.....	191,838	8,065	44	2	167	1,530	168	246	10,644	8	1,139	98,673	161
34	District of Columbia.....	45,066	351	33	4	184	1,388	95	149	5,061	6	558	13,119	73
35	Virginia.....	77,943	1,912	38	5	200	1,443	49	235	5,751	28	510	9,364	71
36	West Virginia.....	57,578	5,738	348	4	188	1,187	7	99	6,804	37	785	18,384	30
37	North Carolina.....	5,851	85	5	.....	66	601	21	41	1,706	29	179	2,274	29
38	South Carolina.....	11,137	194	11	.....	62	313	23	77	1,031	5	219	3,965	49
39	Georgia.....	25,672	309	40	1	124	954	122	105	3,216	16	583	6,838	145
40	Florida.....	35,825	190	45	6	178	1,653	9,742	271	4,497	48	505	5,046	91
EAST SOUTH CENTRAL:														
41	Kentucky.....	124,704	685	115	16	209	1,320	21	136	7,229	14	1,154	72,909	30
42	Tennessee.....	38,367	504	25	12	224	1,455	22	206	4,453	14	786	10,629	66
43	Alabama.....	32,417	758	31	23	165	1,044	60	233	4,619	37	1,148	8,528	126
44	Mississippi.....	19,489	525	31	.....	99	584	64	173	2,153	99	971	4,990	23
WEST SOUTH CENTRAL:														
45	Arkansas.....	36,608	1,289	72	21	308	1,652	20	270	4,155	15	1,003	14,790	36
46	Louisiana.....	112,717	1,287	439	10	455	1,553	638	517	5,681	69	14,609	32,369	142
47	Oklahoma.....	94,044	4,948	161	34	1,016	8,133	39	1,095	10,516	14	1,701	31,696	44
48	Texas.....	361,914	32,534	215	8	718	5,430	140	1,786	17,797	58	3,904	128,859	268
MOUNTAIN:														
49	Montana.....	106,809	4,471	159	26	3,730	12,430	16	1,998	11,756	2,512	746	17,999	29
50	Idaho.....	75,195	714	65	4	1,221	6,891	10	5,212	16,073	302	696	12,174	27
51	Wyoming.....	32,504	1,524	54	5	316	2,110	5	1,367	5,881	774	352	5,496	22
52	Colorado.....	191,428	8,292	279	41	1,742	12,797	69	2,955	23,722	618	2,280	38,811	48
53	New Mexico.....	26,331	474	26	3	293	1,330	10	166	2,294	.....	.....	487	4,397
54	Arizona.....	42,176	451	35	18	233	1,868	14	418	3,774	139	375	3,810	11
55	Utah.....	131,527	758	19	25	349	3,026	4	18,311	49,934	523	480	5,965	23
56	Nevada.....	20,951	219	17	6	349	1,801	6	700	3,245	50	371	3,418	9
PACIFIC:														
57	Washington.....	252,528	6,186	577	25	5,667	39,003	60	7,274	27,065	4,530	2,704	58,996	139
58	Oregon.....	135,238	2,332	508	25	1,917	15,366	39	3,558	14,717	2,977	1,566	35,402	116
59	California.....	635,889	8,415	770	96	4,957	47,474	424	12,287	66,821	2,838	15,223	130,077	480

<sup>1</sup> Except Porto Rico.

COUNTRY OF ORIGIN.

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BY COUNTRY OF ORIGIN, BY DIVISIONS AND STATES: 1910.

NATIVE WHITE PERSONS HAVING BOTH PARENTS BORN IN COUNTRY SPECIFIED, OR ONE PARENT SO BORN AND THE OTHER NATIVE—continued.																	Persons of mixed foreign parentage. <sup>2</sup>	
Hungary.	Ireland.	Italy.	Mexico.	Netherlands (Holland).	Norway.	Portugal.	Romania.	Russia.	Scotland.	Spain.	Sweden.	Switzerland.	Turkey in Asia.	Turkey in Europe.	Wales.	All other countries.		
1	204,827	3,152,205	758,299	162,209	173,521	575,241	53,499	21,801	918,987	388,629	11,157	689,632	176,816	18,929	3,092	156,468	53,608	1,177,092
2	9,109	643,877	97,933	65	1,771	4,920	21,268	767	98,921	49,327	609	55,697	2,905	5,130	587	4,523	12,479	127,973
3	121,789	1,306,382	445,704	410	31,044	17,039	866	16,090	488,995	122,602	2,328	72,551	29,799	5,644	995	71,394	8,176	361,672
4	52,626	527,483	79,326	307	98,835	146,946	926	1,949	141,131	81,631	497	187,172	60,668	2,283	325	40,099	7,787	287,385
5	10,840	290,413	16,889	600	33,951	344,896	114	1,611	114,258	51,838	382	278,419	37,800	5,523	203	20,299	7,018	180,896
6	3,555	84,126	16,929	135	899	1,633	171	424	33,062	14,549	1,510	3,081	3,107	1,217	195	3,785	1,864	23,168
7	828	41,223	6,657	131	652	602	32	139	5,966	6,233	544	1,983	5,124	638	112	1,704	809	11,621
8	1,498	47,346	31,959	109,909	1,523	3,988	283	139	15,691	10,782	1,969	10,658	6,619	1,172	206	2,201	2,380	28,996
9	2,106	66,825	16,130	32,870	3,556	17,010	245	178	11,797	29,545	537	37,847	9,217	486	59	13,653	2,202	56,601
10	2,276	144,530	43,763	17,773	5,830	38,147	29,594	504	21,076	32,602	2,481	52,244	21,577	1,817	211	8,829	10,833	99,790
11	70	17,059	1,120	3	45	506	114	6	2,415	2,712	66	2,105	62	293	32	347	278	6,101
12	43	19,970	871	2	35	361	43	8	1,546	2,329	19	1,488	85	249	38	67	110	4,328
13	93	14,687	2,023	3	35	73	40	1	1,166	2,758	77	1,090	98	83	46	1,159	93	3,235
14	1,133	410,160	45,521	37	1,289	2,938	15,986	232	59,239	27,071	326	28,908	1,067	3,239	351	17,115	10,805	80,901
15	158	58,900	15,578	6	99	339	4,325	172	5,123	6,154	32	5,810	148	760	48	387	672	12,688
16	7,612	123,505	32,820	14	268	703	700	328	29,432	8,303	89	16,296	1,445	496	52	848	521	20,720
17	44,486	723,263	266,867	239	15,251	12,392	511	12,662	289,372	51,249	1,817	36,532	13,241	2,361	556	12,264	4,261	204,767
18	21,089	177,743	76,465	74	14,805	3,061	81	1,029	53,117	20,587	231	7,801	6,211	756	77	2,082	1,337	52,982
19	56,214	405,376	102,432	97	1,448	1,666	274	2,399	146,506	50,426	280	28,218	10,347	1,507	362	5,048	2,578	104,223
20	30,254	126,791	20,712	80	3,592	922	189	534	27,393	19,429	105	5,533	22,959	600	219	22,129	1,388	53,139
21	4,252	41,942	2,229	44	3,240	662	22	76	4,986	7,098	61	6,720	7,460	294	32	2,592	716	14,293
22	12,907	236,983	45,521	119	18,002	35,235	646	1,076	78,944	32,857	245	114,770	42,958	592	119	7,546	3,151	99,659
23	2,601	69,981	7,898	42	54,560	9,136	29	159	22,045	15,525	50	30,563	4,411	514	81	1,573	1,424	69,997
24	2,162	60,786	3,967	22	14,411	10,701	40	104	15,763	9,122	36	29,617	12,540	283	74	6,250	1,108	50,297
25	2,978	56,916	3,339	39	5,892	174,304	18	673	12,736	8,282	49	145,591	5,589	261	41	2,909	1,992	56,828
26	849	74,259	1,714	44	17,411	44,978	12	77	3,512	13,702	48	39,432	7,469	144	35	6,142	2,060	20,469
27	3,043	75,346	8,134	161	1,944	10,080	18	397	12,861	8,786	151	7,873	11,966	423	38	3,258	1,398	27,483
28	1,813	9,203	163	3	1,202	77,347	7	383	30,276	2,422	9	14,640	1,157	249	16	1,599	225	16,429
29	408	14,419	445	12	4,022	39,828	6	17	19,824	3,080	4	13,294	1,166	96	16	3,600	142	12,577
30	689	29,538	1,041	29	2,219	4,857	25	57	11,805	6,288	43	35,267	4,217	292	34	2,288	512	19,177
31	1,600	30,732	2,113	312	1,761	2,402	28	7	23,184	9,278	78	22,322	6,602	87	21	3,603	617	17,433
32	129	10,654	1,636	2	22	27	3	12	1,999	533	21	293	64	10	3	116	73	1,666
33	700	29,998	4,200	18	295	308	43	74	19,433	4,859	93	470	493	30	20	1,439	554	7,994
34	95	13,963	1,792	14	109	169	7	14	2,340	1,312	62	303	324	84	7	248	171	3,031
35	699	7,037	1,620	11	168	386	33	55	3,228	1,933	45	333	309	300	46	317	235	2,262
36	1,652	10,848	3,897	1	71	41	3	21	2,151	2,236	91	320	1,303	289	69	1,329	102	2,646
37	30	1,095	249	7	34	41	13	17	628	702	16	106	115	137	13	66	99	416
38	31	2,646	232	4	15	59	7	5	661	555	32	88	51	116	14	16	102	592
39	184	5,869	428	16	90	141	16	41	2,254	1,217	105	349	256	173	14	143	205	1,698
40	45	2,596	2,875	62	95	401	46	185	368	1,092	1,345	799	192	83	9	109	323	2,803
41	133	23,773	1,229	24	324	79	7	42	5,985	1,807	41	252	2,924	131	18	616	264	5,597
42	359	8,848	1,725	30	148	153	8	21	1,737	3,352	42	518	1,597	75	10	599	183	2,546
43	306	4,892	1,981	51	107	282	10	58	1,103	2,401	170	753	376	185	31	456	188	2,289
44	36	3,710	1,722	26	73	148	7	18	711	673	291	458	227	247	53	23	164	1,189
45	270	4,491	953	93	235	126	2	14	654	1,255	28	550	1,151	51	13	405	222	2,414
46	304	15,105	22,678	645	195	344	171	23	1,380	1,365	1,093	592	905	467	66	191	678	8,146
47	352	10,191	1,505	489	527	837	11	8	8,778	3,863	23	3,001	1,720	188	54	940	337	5,293
48	572	17,559	6,823	108,682	566	2,661	99	94	4,879	4,790	215	6,895	2,843	466	73	665	1,133	13,143
49	656	18,962	1,409	36	962	6,773	10	25	1,215	3,588	22	5,392	1,036	84	3	1,436	241	9,137
50	67	5,537	560	41	378	3,510	33	1	769	3,173	134	6,000	2,039	37	1	2,434	328	6,884
51	170	3,877	528	148	92	626	8	12	334	2,418	14	2,653	403	11	12	810	113	2,943
52	998	24,387	9,815	787	1,024	2,247	46	120	8,809	7,419	128	12,968	2,217	170	26	3,428	502	14,683
53	72	2,078	668	10,690	121	180	8	.....	158	910	51	384	266	92	9	186	84	1,351
54	63	8,351	808	21,650	71	270	9	9	149	946	61	729	318	55	5	351	129	2,206
55	70	4,333	1,111	39	861	3,205	16	9	312	7,623	25	9,836	2,548	35	1	4,695	716	16,675
56	10	4,300	1,181	139	47	109	115	2	51	918	102	485	390	2	2	313	149	2,256
57	547	25,378	3,462	83	2,648	24,361	247	64	7,025	9,130	138	23,884	3,759	112	41	3,282	839	26,223
58	378	11,948	1,847	97	1,069	6,592	155	52	3,472	5,068	118	8,099	4,320	43	21	1,057	619	12,323
59	1,351	107,204	39,017	17,593	2,113	7,194	29,192	388	10,579	18,464	2,225	20,261	13,498	1,632	149	4,520	9,375	61,244

<sup>2</sup> Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and one in Scotland.



COUNTRY OF ORIGIN.

FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910.

CITY.	Total foreign born.	PERSONS BORN IN--														
		Canada.		England, Scotland, and Wales.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands (Holland) and Belgium.	Norway, Sweden, and Denmark.	Russia and Finland.	Turkey.	All other countries.	
		Austria.	French.													Other.
<b>Alabama</b>																
Birmingham.....	5,730	134	17	222	1,343	146	706	243	78	309	1,360	26	183	592	243	136
Mobile.....	2,305	147	21	129	327	66	406	142	31	314	45	17	221	159	89	298
Montgomery.....	716	29	8	34	85	22	224	44	15	67	5	24	68	25	46	
<b>Arkansas</b>																
Little Rock.....	1,988	83	13	117	259	41	787	79	11	165	55	15	58	164	5	136
<b>California</b>																
Berkeley.....	8,641	91	22	914	1,474	256	1,231	117	34	695	329	48	1,112	562	24	1,732
Oakland.....	49,846	1,267	245	2,905	5,504	1,205	5,476	470	248	4,160	3,800	249	4,794	1,118	112	9,486
Fresno.....	10,418	52	37	620	1,062	17	1,728	48	34	1,336	34	46	539	31	39	729
Sacramento.....	11,045	54	67	670	1,247	146	1,477	368	49	1,156	1,102	26	569	144	25	3,385
San Diego.....	7,659	62	68	925	1,390	171	1,121	68	37	517	1,331	34	685	146	22	2,100
San Jose.....	4,422	151	52	473	790	288	732	36	9	331	1,822	31	344	38	22	1,143
<b>Colorado</b>																
Colorado Springs.....	3,019	74	9	379	786	45	435	12	17	341	24	42	509	108	11	2,297
Denver.....	39,749	1,698	232	3,260	5,920	398	6,636	226	465	3,965	2,664	331	6,029	5,027	107	21,121
Pueblo.....	8,550	2,287	36	351	716	67	729	319	354	491	1,490	26	543	528	83	3,330
<b>Connecticut</b>																
Bridport.....	3,264	3,558	499	778	3,901	109	2,811	194	6,975	5,085	5,022	49	2,210	4,142	219	332
Hartford.....	31,354	1,865	792	1,292	2,424	150	2,424	53	528	7,049	4,521	38	2,843	6,887	210	662
Meriden town.....	9,307	1,224	685	160	2,117	88	2,269	21	83	1,369	928	18	403	831	11	70
Meriden city.....	5,015	1,117	613	144	947	66	1,759	27	55	1,710	876	17	551	803	17	65
New Britain.....	18,600	1,972	338	171	1,060	33	1,605	33	147	1,435	2,005	7	3,452	6,276	203	293
New Haven.....	42,989	1,109	461	874	2,663	160	4,115	85	473	9,094	13,159	158	1,919	8,049	186	574
Norwich town.....	8,459	344	1,760	164	954	23	683	108	24	1,665	475	15	300	1,761	118	125
Norwich town.....	8,900	628	31	144	911	38	733	118	366	1,832	1,903	40	570	1,440	13	113
Newtown.....	5,607	350	24	127	798	54	679	117	369	1,602	1,419	19	805	1,490	77	86
Waterbury.....	25,341	422	1,901	401	1,708	228	1,433	45	138	5,838	6,267	19	725	5,607	104	325
<b>Delaware</b>																
Wilmington.....	13,713	887	29	168	1,311	80	1,911	28	215	3,152	2,288	13	287	3,163	13	168
<b>Florida</b>																
Jacksonville.....	2,688	41	21	264	546	44	413	49	21	190	133	27	121	162	214	442
Tampa.....	10,803	31	24	108	218	36	209	53	9	71	2,519	6	81	74	13	3,351
<b>Georgia</b>																
Atlanta.....	4,501	113	15	241	565	64	729	388	92	302	65	18	102	1,342	113	292
Augusta.....	929	14	10	24	72	20	207	80	18	211	34	2	9	166	4	58
Macon.....	694	4	1	39	98	5	111	49	8	98	45	2	5	148	51	30
Savannah.....	3,448	89	10	132	431	30	792	215	42	527	96	29	123	656	65	211
<b>Illinois</b>																
Aurora.....	6,706	213	94	293	486	72	2,554	42	632	386	66	72	753	319	3	721
Bloomington.....	3,413	46	8	112	381	20	1,568	8	168	524	34	6	399	52	34	57
Danville.....	2,010	22	6	84	285	19	1,042	22	4	162	25	215	211	67	3	46
Decatur.....	2,429	23	13	100	254	17	1,523	22	2	267	31	15	61	51		50
East St. Louis.....	9,422	1,672	12	183	424	134	1,427	122	1,807	998	80	21	101	1,690	444	307
Elgin.....	5,677	92	29	249	616	37	2,282	31	309	308	77	28	1,152	172	18	226
Joliet.....	10,447	3,921	26	313	885	38	1,577	54	1,273	770	1,043	15	803	619	40	70
Peoria.....	8,832	354	28	289	805	119	3,739	84	585	1,035	185	157	572	405	183	371
Quincy.....	3,631	15	11	66	164	33	2,840	26	11	257	43	12	34	35	44	85
Rockford.....	13,839	137	20	377	876	29	671	41	9	417	1,037	45	0,380	695	3	84
Springfield.....	6,917	487	15	156	1,052	77	2,127	32	146	1,012	276	55	195	1,051	48	188
<b>Indiana</b>																
Evanville.....	4,468	40	1	68	373	74	3,338	32	6	157	43	19	33	150	9	125
Fort Wayne.....	7,214	95	33	263	431	173	4,501	24	18	355	83	30	78	399	303	368
Indianapolis.....	19,842	1,227	80	708	1,628	217	7,918	249	852	3,355	658	151	436	1,255	985	563
South Bend.....	13,443	576	68	402	335	31	5,347	40	8,829	1,88	121	544	161	1,127	18	136
Terre Haute.....	3,818	56	17	166	543	35	1,426	13	287	522	52	55	149	255	130	112
<b>Iowa</b>																
Cedar Rapids.....	5,325	2,799	23	201	339	19	557	18	43	418	61	21	290	388	81	67
Clinton.....	4,881	285	7	208	324	12	2,171	27	49	522	68	30	874	300	29	184
Council Bluffs.....	4,384	247	14	184	386	27	872	207	11	305	148	17	1,576	177	5	199
Davenport.....	8,108	268	16	194	381	52	2,520	219	72	581	81	64	601	145	20	121
Des Moines.....	10,427	207	27	573	1,029	54	4,131	124	17	804	932	82	2,761	1,418	63	248
Dubuque.....	6,069	376	35	173	411	61	1,176	41	111	281	89	181	544	161	1,127	18
Sioux City.....	10,459	473	138	562	752	35	1,262	342	30	561	580	172	3,444	1,664	311	129
Waterloo.....	2,707	92	16	211	321	10	897	294	7	210	67	10	389	67	13	117
<b>Kansas</b>																
Kansas City.....	10,381	2,963	44	329	896	73	1,853	210	274	1,054	55	177	1,070	963	61	329
Topeka.....	4,171	48	23	222	700	46	767	28	10	266	52	17	751	833	5	383
Wichita.....	2,880	67	23	241	443	37	795	28	16	253	13	45	136	178	91	514
<b>Kentucky</b>																
Covington.....	3,946	18	6	47	307	51	2,765	4	7	511	50	26	12	46		96
Lexington.....	17,413	17	1	46	109	12	1,215	29	11	280	83	11	4	82		26
Louisville.....	17,473	316	30	341	958	258	8,471	93	441	2,700	654	74	137	2,014	78	908
Newport.....	3,407	115	13	68	297	37	1,766	2	68	368	25	4	9	539	6	90
<b>Louisiana</b>																
Shreveport.....	1,018	45	4	35	98	91	197	16	5	36	159	1	17	150	86	58
<b>Maine</b>																
Lewiston.....	9,431	104	6,660	734	476	34	142	148		579	25	12	11	366	92	48
Portland.....	12,151	44	408	4,169	901	24	189	78	13	2,952	783	5	915	1,350	225	155

## FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910—Continued.

Table 17—Continued.

CITY.	Total foreign born.	PERSONS BORN IN—														
		Canada.				France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands, Sweden, and Finland.	Norway, and Denmark.	Russia and Finland.	Turkey.	All other countries.
		Austria.	French.	Other.	England, land, and Wales.											
<b>Massachusetts</b>																
Brockton.....	15,466	43	917	2,673	1,306	22	110	149	11	2,391	966	6	2,742	3,227	298	171
Brookline town.....	8,401	21	71	2,047	830	38	296	36	6	4,203	43	10	3,227	131	29	1,183
Cambridge.....	35,328	156	1,445	8,727	2,851	131	728	102	102	10,637	1,546	40	2,137	3,735	414	210
Chelsea.....	39,229	138	382	2,502	837	5	186	21	15	14,813	436	113	3,611	6,922	330	310
Chicago.....	10,042	4,105	2,877	2,600	635	83	192	171	27	1,310	45	.....	97	211	12	17
Everett.....	6,736	32	197	3,910	1,190	15	213	14	165	1,633	625	40	954	592	42	174
Fall River.....	95,958	2,614	15,277	963	11,964	144	234	130	3	5,194	1,025	19	180	2,182	484	10,536
Fitchburg.....	13,618	68	4,050	762	1,265	60	554	248	2	1,925	884	6	468	3,175	168	43
Haverhill.....	11,190	313	2,568	1,879	784	15	105	442	14	1,895	1,063	7	126	1,575	324	79
Holyoke.....	23,254	2,205	8,454	3,353	2,461	391	1,826	181	60	5,246	368	38	147	1,087	95	67
Lawrence.....	41,471	4,950	7,698	1,825	7,022	788	2,301	171	28	9,943	6,693	318	140	4,402	2,077	611
Lowell.....	43,494	1,988	12,201	4,261	5,751	100	205	3,752	24	9,981	259	183	772	1,886	607	1,622
Lynn.....	59,219	2,369	7,488	2,627	7,850	108	320	1,858	37	5,553	1,354	17	1,622	3,429	825	774
Malden.....	38,491	130	223	3,747	1,235	17	287	8	15	2,810	523	57	802	3,301	95	121
New Bedford.....	43,727	1,837	12,241	934	10,000	334	777	172	13	2,583	666	97	395	1,715	354	1,151
Newton.....	11,269	25	707	2,830	1,774	67	185	3	14	2,724	1,198	21	474	501	31	105
Pittsfield.....	6,783	196	765	329	831	282	623	35	34	1,629	1,158	3	193	383	9	110
Quincy.....	10,908	346	675	2,122	2,215	30	172	30	2	2,170	1,359	13	1,532	1,170	41	141
Salem.....	13,577	728	4,454	1,713	504	49	106	248	6	2,811	403	76	140	2,167	185	76
Somerville.....	20,818	143	587	7,467	2,273	63	412	75	25	5,320	2,717	21	835	814	161	704
Springfield.....	25,067	1,357	3,078	1,464	2,339	83	975	215	32	6,679	1,955	20	1,176	3,028	47	251
Taunton.....	19,018	924	1,728	753	1,361	11	183	30	23	2,082	1,138	10	1,412	2,077	40	2,077
Waltham.....	7,706	8	602	2,270	957	25	108	30	1	1,228	615	14	610	232	19	87
Worcester.....	48,397	362	5,010	3,465	4,012	123	580	83	30	10,535	2,889	33	8,599	10,219	2,469	528
<b>Michigan</b>																
Battle Creek.....	2,655	88	33	1,053	557	21	301	50	16	169	35	50	102	46	43	91
Bay City.....	11,044	107	1,324	3,121	1,102	34	2,727	12	23	399	22	60	366	1,644	41	63
Flint.....	6,720	269	154	3,307	986	22	549	24	296	227	192	46	107	422	38	81
Grand Rapids.....	29,196	3,028	11,418	4,286	11,418	42	3,711	32	31	11,912	1,366	3,622	2,966	3,622	264	436
Jackson.....	4,364	60	30	1,008	807	21	1,004	48	12	421	38	48	61	701	8	77
Kalamazoo.....	6,883	155	67	680	588	18	869	20	200	306	43	3,470	87	128	247	152
Lansing.....	11,210	1,010	2,188	4,622	7	1,363	30	1	1	3,368	87	8	266	299	22	128
Saginaw.....	17,727	222	729	3,312	1,130	135	4,408	18	114	398	218	26	141	767	2	107
<b>Minnesota</b>																
Duluth.....	30,703	1,145	1,423	4,435	1,546	69	2,595	57	76	620	648	190	12,035	4,789	62	383
St. Paul.....	36,637	3,900	1,086	3,390	2,879	276	14,025	129	1,969	4,184	1,965	264	16,810	4,432	292	1,134
<b>Missouri</b>																
Joplin.....	918	29	13	90	171	22	309	21	4	95	24	8	48	33	8	37
Kansas City.....	25,466	571	149	1,011	2,927	277	3,354	738	332	3,267	2,579	388	2,666	3,431	140	1,010
St. Joseph.....	11,128	21	12	136	232	10	327	10	8	142	19	3	129	8	16	55
Springfield.....																
<b>Montana</b>																
Butte.....	13,128	955	441	1,579	2,701	97	858	74	40	3,196	151	40	1,048	1,290	66	643
<b>Nebraska</b>																
Lincoln.....	7,218	184	24	323	550	28	1,197	187	61	291	72	26	740	3,355	35	145
Omaha.....	27,179	3,414	85	1,132	1,989	135	4,861	486	554	1,849	2,361	126	6,960	2,614	188	524
South Omaha.....	8,021	3,090	16	142	245	10	985	59	503	659	116	162	600	985	72	375
<b>New Hampshire</b>																
Manchester.....	29,708	1,770	13,720	2,716	1,647	54	1,225	1,390	11	3,482	77	182	697	783	1,990	105
Nashua.....	8,962	172	4,830	537	235	10	22	670	2	836	52	1	58	1,216	492	29
<b>New Jersey</b>																
Atlantic City.....	6,776	218	17	180	971	102	835	75	114	936	1,383	27	116	1,154	124	524
Bayonne.....	20,573	2,432	27	298	1,449	67	1,706	27	7,705	3,444	1,738	18	355	6,918	27	312
Camden.....	11,019	1,079	97	1,079	1,079	10	3,772	212	24	3,772	212	24	347	2,848	60	531
East Orange.....	5,727	147	15	301	1,300	71	969	6	121	1,403	361	25	520	288	18	182
Elizabeth.....	23,933	1,117	53	216	2,101	117	4,900	44	145	3,345	2,226	51	623	4,291	9	383
Hoboken.....	37,121	1,368	37	1,368	1,368	10	10,013	107	650	403	1,040	14	1,746	1,712	42	600
Orange.....	8,127	182	10	112	733	40	1,601	174	80	2,024	2,960	12	140	367	44	148
Pasadena.....	28,343	8,748	22	126	1,161	48	2,997	32	534	1,079	2,972	1,277	233	3,801	22	190
Paterson.....	41,885	882	155	332	791	824	1,747	101	483	4,751	9,318	1,600	623	6,807	388	1,726
Perth Amboy.....	14,323	1,249	44	200	441	35	1,201	27	3,887	547	266	23	1,986	2,440	25	152
Trenton.....	26,276	7,827	74	154	4,071	70	4,189	88	4,980	2,481	4,368	38	1,840	3,727	24	231
West Hoboken town.....	15,743	534	25	72	686	47	4,305	2	121	592	4,238	80	239	1,062	836	1,677
<b>New York</b>																
Albany.....	18,218	586	286	672	1,682	120	4,620	83	67	4,545	2,205	288	188	2,460	146	269
Amsterdam.....	10,631	2,554	107	172	1,655	14	1,702	12	21	4,724	1,088	14	108	1,289	12	108
Auburn.....	2,947	1,480	129	494	1,272	18	745	22	74	1,938	1,595	12	50	251	38	57
Binghamton.....	7,415	422	47	213	664	25	681	52	1,769	1,831	503	13	102	865	47	96
Elmira.....	18,291	1,279	24	197	2,067	59	1,162	17	42	2,277	919	75	197	659	38	72
Jamestown.....	10,614	35	24	282	1,179	37	256	41	13	244	939	24	7,245	66	188	41
Kingston.....	3,394	210	34	88	239	11	1,026	12	86	681	309	11	31	60	44	37
Mount Vernon.....	8,965	215	157	1,637	888	41	1,647	19	162	1,648	2,670	20	305	1,648	12	116
New Rochelle.....	8,749	154	28	242	888	96	1,211	29	75	1,968	2,854	37	476	824	12	225
Newburgh.....	4,833	162	4	141	856	11	512	30	139	1,535	675	12	123	324	32	59
Niagara Falls.....	11,068	869	81	448	1,063	103	1,828	69	72	2,589	1,127	22	22	1,102	162	126
Poughkeepsie.....	4,548	496	30	446	21	801	21	223	957	737	37	90	456	15	63	
Rochester.....	56,076	1,688	569	9,149	5,929	328	14,624	176	415	5,230	10,638	1,374	667	7,187	273	839
Schenectady.....	12,679	1,279	618	1,655	35	832	17	21	162	1,352	3,660	74	494	3,529	29	175
Syracuse.....	30,848	1,265	499	2,758	2,942	181	6,903	106								

COUNTRY OF ORIGIN.

FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910—Continued.

Table 17—Continued.

CITY	Total foreign born.	PEOPLES BORN IN—														
		Austria.	Canada.	Eng-land, Scot-land, and Wales.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Neth-erlands (Hol-land), and Belgium.	Norway, Sweden, and Den-mark.	Russia (Fin-land).	Turkey.	All other countries.	
<b>Ohio</b>																
Akron.....	13,249	933	60	417	1,925	167	3,152	64	3,308	695	799	29	385	602	150	433
Canton.....	8,538	504	18	122	854	169	2,313	357	1,559	192	980	19	146	901	144	660
Columbus.....	13,802	818	79	617	1,645	150	5,722	123	970	1,619	140	168	1,334	133	144	379
Daysville.....	13,802	690	27	380	630	93	5,517	117	2,761	976	356	41	80	1,927	213	243
Hamilton.....	3,315	112	1	65	149	48	2,152	42	148	167	178	9	18	99	4	103
London.....	1,627	9		128	214	14	566	13	9	357	158	6	24	51	17	79
Lorain.....	10,938	2,194	38	262	804	18	1,188	12	3,954	290	432	21	124	1,452	50	54
Newark.....	2,651	174	4	58	219	17	467	18	985	197	103	2	26	24	54	59
Springfield.....	3,174	80	8	54	369	12	1,119	55	28	830	173	20	43	166	108	140
Toledo.....	32,144	879	681	2,499	2,652	246	15,308	81	2,927	1,971	270	140	323	3,343	243	1,179
Youngstown.....	24,896	4,095	21	326	4,279	48	2,100	134	5,490	1,842	3,604	26	646	1,761	253	601
Zanesville.....	1,605	44	8	14	217	16	631	28	213	184	14	1	9	132	54	20
<b>Oklahoma</b>																
Muskogee.....	149	12	7	63	99	17	134	46	2	48	7	6	38	38	6	31
Oklahoma City.....	3,337	273	52	294	477	35	674	130	27	302	7	31	181	227	124	370
<b>Oregon</b>																
Portland.....	30,312	2,548	442	4,769	5,363	505	7,490	701	584	2,267	2,557	439	8,723	4,892	384	8,648
<b>Pennsylvania</b>																
Allentown.....	6,240	1,530	7	33	322	48	1,104	29	1,359	416	662	7	29	590	66	78
Altoona.....	9,294	900	4	37	426	12	1,658	91	658	330	1,281	3	60	140	82	125
Chester.....	7,112	1,160	9	30	1,287	44	1,526	869	13	69	8	88	1,005	7	71	71
Easton.....	3,129	86	9	30	304	22	754	43	395	528	732	15	32	416	47	46
Erie.....	14,963	726	48	837	88	79	3,643	33	588	1,122	1,307	332	913	2,428	8	429
Harrisburg.....	11,577	299	1	65	391	18	834	46	621	315	479	7	34	875	15	157
Hazleton.....	6,003	1,320	1	16	833	13	872	3	228	367	1,892	25	3	815	32	55
Johnstown.....	15,333	4,736	4	58	1,047	16	1,562	37	4,063	487	1,995	14	33	310	262	79
Lancaster.....	3,214	46		32	184	22	1,993	38	39	144	195	2	20	390	6	103
McKeesport.....	12,645	3,167	4	16	1,833	27	1,533	90	2,569	740	386	5	1,253	762	24	96
New Castle.....	1,255	1,283	10	52	2,024	14	2,024	14	305	448	207	10	66	929	141	51
Norristown borough.....	4,030	61	2	52	606	18	510	15	23	992	142	6	44	203	1	55
Reading.....	8,823	1,415	5	58	496	30	2,754	170	333	1,444	1,076	3	33	1,905	190	77
Scranton.....	33,124	3,184	17	284	4,716	81	4,325	71	1,214	3,302	5,389	22	142	8,351	263	770
Shenandoah borough.....	10,459	1,225	1	10	529	9	273	5	3	265	432	1	3	7,914	152	37
Wilkes-Barre.....	10,497	2,578	7	116	3,930	32	2,401	63	229	1,588	956	10	224	3,308	319	106
Williamsport.....	2,353	59	58	7	285	27	880	8	8	324	314	2	80	145	25	42
York.....	1,994	109	6	41	187	23	667	44	20	71	180	1	26	165	9	45
<b>Rhode Island</b>																
Newport.....	6,381	58	137	391	1,080	78	275	130	18	2,316	573	10	564	188	45	318
Providence.....	19,989	2,049	3,307	656	1,838	119	667	267	33	4,338	717	48	1,629	461	295	244
Warwick town.....	9,621	4,190	4,994	4,341	18,676	367	3,076	433	128	15,800	17,305	150	4,058	7,518	28	3,822
Woonsocket.....	16,548	1,378	9,728	335	963	682	185	50	14	1,195	483	425	94	622	310	94
<b>South Carolina</b>																
Charleston.....	2,448	52	8	38	199	22	891	134	14	345	191	17	104	245	50	86
Columbia.....	448	14		11	89	5	65	27	2	43	19	20	17	82	42	12
<b>Tennessee</b>																
Chattanooga.....	1,342	19	2	107	213	24	262	34	23	118	10	13	26	431	54	47
Knoxville.....	792	12	4	52	172	6	165	23	40	88	22		9	106	1	92
Memphis.....	6,320	261	32	305	601	114	1,429	230	71	803	1,140	29	203	956	18	236
Nashville.....	3,017	91	6	129	366	57	554	63	177	572	91	8	46	596	61	200
<b>Texas</b>																
Austin.....	2,435	80	5	51	240	26	794	7	7	137	40	3	360	40	79	388
Dallas.....	6,604	254	37	244	833	144	1,454	754	35	1,669	338	5	243	740	41	470
El Paso.....	11,504	66	27	290	351	85	447	4	39	165	50	28	95	176	50	12,714
Fort Worth.....	4,280	411	16	213	513	43	708	63	21	364	190	45	293	598	130	672
Galveston.....	3,307	367	13	80	738	23	1,167	64	98	964	508	46	731	387	39	666
Houston.....	6,408	369	13	228	706	135	1,771	132	91	460	639	36	202	636	155	273
San Antonio.....	17,495	351	30	268	997	230	3,398	8	56	485	444	147	173	469	101	10,338
Waco.....	1,328	75		54	95	11	323	16	7	31	101	1	140	172	47	175
<b>Utah</b>																
Ogden.....	4,879	44	12	175	1,652	25	239	202	4	180	169	663	903	49	30	499
Salt Lake City.....	19,544	214	53	747	7,532	110	2,102	621	90	664	379	466	4,662	355	193	1,362
<b>Virginia</b>																
Lynchburg.....	4,559	7	2	24	43	4	46	41	1	41	27	4	7	142	10	26
Petersburg.....	3,676	40	22	140	442	28	402	179	19	226	345	14	138	1,341	95	245
Portsmouth.....	1,147	16	9	39	132	3	130	13	5	136	153	11	39	367	6	48
Richmond.....	4,136	118	8	114	632	36	892	99	36	405	511	18	67	829	173	156
Roanoke.....	774	14		56	212	13	79	43	4	88	27	2	18	76	13	13
<b>Washington</b>																
Seattle.....	67,456	2,023	836	9,872	8,553	646	6,176	967	345	3,177	5,457	720	17,749	3,877	989	8,467
Spokane.....	21,820	712	310	4,047	2,868	164	2,755	144	126	1,021	1,345	255	5,288	879	39	1,468
Tacoma.....	22,478	1,265	261	2,642	2,972	273	2,545	268	102	916	2,102	163	7,731	888	100	1,346
<b>West Virginia</b>																
Huntington.....	526	8	5	33	128	4	112	24	13	54	32	10	14	18	40	31
Wheeling.....	5,428	527	7	62	575	33	2,236	134	164	544	291	18	45	491	180	103
<b>Wisconsin</b>																
Green Bay.....	4,657	165	155	210	109	29	1,125	.....	2	186	14	1,199	529	272	27	35
Madison.....	4,714	764	42	184	194	19	2,755	13	14	159	20	1,629	153	173	112	112
Milwaukee.....	4,214	106	7	169	334	11	1,429	53	34	346	335	24	1,079	251	12	155
Oshkosh.....	7,400	808	33	338	322	7	4,482	127	24	143	10	35	513	426	26	136
Racine.....	3,307	1,162	32													



## CHAPTER 6.

### THE FOREIGN-BORN POPULATION—DATE OF IMMIGRATION.

**Introduction.**—This chapter summarizes the statistics in regard to the year of immigration of the foreign-born population, as returned at the Thirteenth Decennial Census. The census schedules of 1910 and 1900 both contained an inquiry, applicable only to the foreign-born population, as to the year of immigration to the United States. This inquiry was designed in part to afford, in connection with the statistics of immigration, a means for determining what proportion

of the immigrants of each year or period of years had remained in this country and were still living. It also furnishes a basis for determining the sections of the country in which the immigrants of different periods have mainly settled.

**United States as a whole.**—Table 1 summarizes the results of this inquiry at the last two censuses for the United States as a whole (not including Alaska, Hawaii, Porto Rico, or other outlying possessions).

CENSUS OF 1910 (APRIL 15).					CENSUS OF 1900 (JUNE 1).						
YEAR OF IMMIGRATION.	Length of residence in United States, in years (y.) and months (m.).	Total foreign born.		Foreign-born white.		YEAR OF IMMIGRATION.	Length of residence in United States, in years (y.) and months (m.).	Total foreign born.		Foreign-born white.	
		Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.
<b>Total</b> .....		<b>13,515,886</b>		<b>13,345,545</b>		<b>Total</b> .....		<b>10,341,276</b>		<b>10,213,817</b>	
Year not reported.....		1,340,819		1,318,959		Year not reported.....		1,012,453		1,001,460	
<b>Total with year reported.</b> .....		<b>12,175,067</b>	<b>100.0</b>	<b>12,026,586</b>	<b>100.0</b>	<b>Total with year reported.</b> .....		<b>9,328,823</b>	<b>100.0</b>	<b>9,212,357</b>	<b>100.0</b>
1910, to Apr. 15.....	Less than 34 m.....	23,852	1.9	231,696	1.9	1900, to June 1.....	Less than 5 m.....	201,128	2.2	192,607	2.1
1909.....	34 m-1 y. 34 m.....	579,419	4.8	573,565	4.8	1909.....	5 m-1 y. 5 m.....	235,410	2.5	229,315	2.5
1908.....	1 y. 34 m-2 y. 34 m.....	412,683	3.4	405,631	3.4	1908.....	1 y. 5 m-2 y. 5 m.....	195,291	2.1	191,399	2.1
1907.....	2 y. 34 m-3 y. 34 m.....	706,771	5.8	694,362	5.8	1907.....	2 y. 5 m-3 y. 5 m.....	172,288	1.8	169,117	1.8
1906.....	3 y. 34 m-4 y. 34 m.....	657,998	5.2	625,617	5.2	1906.....	3 y. 5 m-4 y. 5 m.....	199,749	2.1	197,536	2.1
1905.....	4 y. 34 m-5 y. 34 m.....	539,808	4.4	520,161	4.4	1895.....	4 y. 5 m-5 y. 5 m.....	214,577	2.3	212,198	2.3
1901-1904.....	5 y. 34 m-9 y. 34 m.....	1,565,214	12.4	1,479,844	12.3	1891-1894.....	5 y. 5 m-9 y. 5 m.....	1,144,654	12.3	1,136,842	12.3
1890 or earlier.....	9 y. 34 m. or more.....	7,568,922	62.2	7,497,660	62.3	1890 or earlier.....	9 y. 5 m. or more.....	6,965,326	74.7	6,883,343	74.7
1906-1910.....	Less than 4 y. 34 m.....	2,570,123	21.1	2,528,821	21.0	1890-1900.....	Less than 4 y. 5 m.....	1,003,866	10.8	979,974	10.6
1901-1905.....	4 y. 34 m-9 y. 34 m.....	2,036,022	15.7	2,004,068	15.6	1891-1895.....	4 y. 5 m-9 y. 5 m.....	1,359,231	14.6	1,349,049	14.6
1896-1900.....	9 y. 34 m-14 y. 34 m.....	1,963,699	14.7	1,946,500	14.7	1886-1890.....	9 y. 5 m-14 y. 5 m.....	1,596,930	17.1	1,585,062	17.2
1891-1895.....	14 y. 34 m-19 y. 34 m.....	1,157,513	8.5	1,148,645	8.6	1881-1885.....	14 y. 5 m-19 y. 5 m.....	1,566,448	16.8	1,546,825	16.8
1890 or earlier.....	19 y. 34 m. or more.....	5,397,710	45.9	5,302,515	44.1	1880 or earlier.....	19 y. 5 m. or more.....	3,862,148	40.8	3,751,456	40.7
1901-1910.....	Less than 9 y. 34 m.....	4,606,145	37.8	4,528,826	37.7	1891-1900.....	Less than 9 y. 5 m.....	2,363,997	25.3	2,329,014	25.3
1900 or earlier.....	9 y. 34 m. or more.....	7,568,922	62.2	7,497,660	62.3	1890 or earlier.....	9 y. 5 m. or more.....	6,965,326	74.7	6,883,343	74.7
Distributing those with year not reported:						Distributing those with year not reported:					
<b>Total</b> .....		<b>13,515,886</b>	<b>100.0</b>	<b>13,345,545</b>	<b>100.0</b>	<b>Total</b> .....		<b>10,341,276</b>	<b>100.0</b>	<b>10,213,817</b>	<b>100.0</b>
1901-1910.....	Less than 9 y. 34 m.....	5,088,084	37.6	5,000,098	37.5	1891-1900.....	Less than 9 y. 5 m.....	2,609,173	25.2	2,571,196	25.2
1900 or earlier.....	9 y. 34 m. or more.....	8,427,802	62.4	8,345,447	62.5	1890 or earlier.....	9 y. 5 m. or more.....	7,732,103	74.8	7,642,621	74.8

It will be noted from this table that for about one-tenth of the foreign-born population, both in 1910 and in 1900, the year of immigration was not reported. Consequently the numbers reported as having arrived in each specified year or group of years somewhat understate the actual numbers. There is no way of knowing whether this understatement is relatively greater in the case of one class than in the case of another, but it is probable that approximately correct figures for any given year or group of years will be obtained by adding one-ninth to the number actually reported.

The percentages shown in Table 1 (except those in the last two lines) are all based upon the total number for whom the year of immigration was reported. Of the foreign born of all races combined in 1910 for whom the year was reported, 21.1 per cent had arrived during the period from January 1, 1906, to April 15, 1910

(four years, three and one-half months), 16.7 per cent during the five years 1901-1905, 8.7 per cent between 1896 and 1900, 9.5 per cent between 1891 and 1895, and 43.9 per cent in 1890 or earlier. About three-eighths of those for whom the date of arrival was reported thus arrived during the period of nine years, three and one-half months beginning January 1, 1901, and five-eighths before that date. The percentages for the foreign-born whites taken by themselves are substantially the same.

This table reflects roughly the variations which have taken place from year to year in the number of immigrants. For example, the number reported in 1910 as having arrived during 1907 (706,771) was much greater than the number reported as having arrived during 1908 (412,683), which corresponds with the variation shown by the statistics of immigration. Again, the number reported as having arrived during the five years 1891-1895 (1,157,513) was considerably greater

than the number reported as having arrived from 1896 to 1900 (1,063,699), which conforms to the statistics showing that immigration was heavier during the earlier years of that decade than during the later.

Table 1 also presents estimates as to the total number of the foreign born enumerated in 1910 who had arrived, respectively, before and after January 1, 1901. The estimates (which represent the totals derived from calculations made for each state separately) are made on the assumption that the persons for whom the date of arrival was not reported should be distributed in the same ratio as those for whom reports were made. Similar estimates have been made on the basis of the returns at the census of 1900. It is estimated on the above basis that about 5,000,000 of the foreign-

born whites who were enumerated on April 15, 1910, had arrived in this country subsequently to January 1, 1901. During the period from January 1, 1901, to April 1, 1910, the Bureau of Immigration recorded the arrival in the United States of 8,223,325 immigrants. The difference between these two figures, about 3,223,325, represents the number who had left the country or died—chiefly those who had returned to their native country. Those who were enumerated in 1910 represented 62.2 per cent of the total number of immigrants during this period.

**Divisions and states.**—Table 2 shows, by geographic divisions and states, the foreign-born white population as enumerated in 1910, distributed according to the time of arrival in the United States.

FOREIGN-BORN WHITE POPULATION, BY YEAR OF ARRIVAL IN THE UNITED STATES, BY DIVISIONS AND STATES: 1910.

DIVISION AND STATE.	YEAR OF IMMIGRATION.					PER CENT. <sup>1</sup>		DIVISION AND STATE.	YEAR OF IMMIGRATION.					PER CENT. <sup>1</sup>			
	1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier	Year unknown	1906-1901, 1910	1900 or earlier.		1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier	Year unknown	1906-1901, 1910	1900 or earlier.		
<b>United States.</b>	<b>2,525,921</b>	<b>2,006,605</b>	<b>2,185,145</b>	<b>5,302,515</b>	<b>1,318,859</b>	<b>21.0</b>	<b>16.6</b>	<b>62.3</b>									
<b>GEOGRAPHIC DIVIS.</b>																	
New England.....	369,442	283,246	390,564	686,607	84,527	21.4	16.4	62.3	W. N. CEN.—Con.								
Middle Atlantic.....	1,095,778	906,454	904,348	1,577,972	341,627	24.4	20.2	55.4	Nebbraska.....	19,726	12,738	18,113	99,686	25,602	13.1	8.5	78.4
E. North Central.....	522,695	364,422	455,601	453,186	301,400	18.9	14.2	69.0	Kansas.....	17,206	9,123	11,359	68,630	29,501	16.3	8.6	75.1
W. North Central.....	186,544	155,635	165,365	836,629	239,013	13.6	11.3	75.1	SOUTH ATLANTIC:								
South Atlantic.....	56,884	40,259	46,822	98,320	54,770	21.1	17.1	58.8	Delaware.....	3,197	2,482	2,608	5,886	3,147	22.4	17.4	60.2
E. South Central.....	8,587	7,641	8,934	42,792	18,563	12.6	11.2	78.1	Maryland.....	14,061	13,236	16,228	45,518	15,933	15.8	14.9	69.3
W. South Central.....	49,857	34,586	48,929	121,854	90,883	19.6	13.6	66.9	Dist. of Columbia	2,837	2,494	3,203	10,255	5,562	15.1	13.3	71.6
Mountain.....	90,961	59,126	63,682	156,212	64,739	24.4	15.8	59.7	Virginia.....	4,914	3,327	3,793	8,993	6,421	23.2	16.5	61.3
Pacific.....	148,890	121,388	124,911	346,322	120,987	20.1	16.4	63.6	West Virginia.....	22,623	10,869	5,818	9,794	7,968	46.1	22.1	31.8
									North Carolina.....	4,198	5,716	11,778	18,587	20,017	15.9	13.3	70.8
									South Carolina.....	6,642	536	654	2,202	2,017	17.0	16.2	66.8
									Georgia.....	1,822	1,746	2,112	5,067	4,225	17.0	16.2	66.8
									Florida.....	6,290	4,933	5,123	9,126	8,370	24.7	19.4	55.9
									E. S. CENTRAL:								
									Kentucky.....	2,977	2,194	3,268	24,556	7,941	9.0	6.0	64.3
									Tennessee.....	1,878	1,800	2,089	8,152	4,609	15.5	13.0	73.5
									Alabama.....	2,673	2,479	2,379	6,821	4,604	18.6	17.3	64.1
									Mississippi.....	1,069	1,168	1,201	3,282	2,098	15.8	17.5	66.7
									W. S. CENTRAL:								
									Arkansas.....	1,271	1,704	1,789	7,599	4,636	10.4	13.6	75.7
									Louisiana.....	4,158	3,571	8,700	18,269	11,434	13.2	12.4	73.4
									Oklahoma.....	4,410	3,082	4,452	16,609	11,531	15.4	10.4	68.0
									Texas.....	39,882	24,239	33,908	79,106	62,688	22.6	13.7	63.8
									MOUNTAIN:								
									Montana.....	20,290	12,938	15,358	30,360	12,527	25.7	16.4	57.9
									Idaho.....	6,731	4,448	4,821	16,652	7,775	20.4	13.6	69.3
									Wyoming.....	7,829	4,783	5,948	7,942	7,751	32.1	19.4	48.3
									Colorado.....	22,995	16,678	19,944	51,408	16,726	20.1	15.1	64.8
									New Mexico.....	6,927	3,002	3,165	6,162	4,288	32.8	16.4	50.8
									Arizona.....	13,676	7,556	8,689	10,516	8,181	35.4	19.4	44.1
									Utah.....	10,493	6,650	6,667	29,220	10,278	18.8	12.5	67.7
									PACIFIC:								
									Washington.....	3,820	2,963	2,916	6,906	9,994	23.9	17.9	58.2
									Oregon.....	43,444	35,450	33,917	85,611	43,353	22.0	17.9	60.1
									California.....	18,722	13,640	13,178	40,622	17,889	21.0	15.2	62.8
										86,644	72,778	77,816	229,669	59,343	18.9	15.9	65.2

<sup>1</sup> Percentages based only on the number for whom the year of immigration was reported.

Marked differences appear among the geographic divisions with respect to the relative importance of recent and earlier immigrants in the present foreign-born population. Designating persons who came to the United States after January 1, 1901, as recent arrivals, and those who came before that date as earlier arrivals, it will be seen that in the United States as a whole the recent arrivals formed 37.7 per cent of the total number of foreign-born whites for whom the year of arrival was reported. In the Middle Atlantic division, however, they represented 44.6

per cent of the total, in the South Atlantic division 41.2 per cent, and in the Mountain division 40.3 per cent. On the other hand, in the West North Central division the newcomers constituted only 24.9 per cent of the total foreign-born white population, and in the East South Central only 23.9 per cent.<sup>1</sup>

<sup>1</sup> Since these percentages are based upon the figures for those who reported the year of immigration, they are, of course, subject to a certain margin of error because of the fact that the considerable number of persons who failed to report the year of immigration may have been differently distributed as regards the time of arrival; but beyond question they bring out substantially the true conditions in the several geographic divisions.

Another method of showing the difference between the recent arrivals and the earlier with respect to the sections of the country in which they have settled is by means of percentages, distributing among the geographic divisions the total number reported as having arrived within a given period of time. Such percentages, derived from Table 2, are shown in Table 3.

DIVISION OF RESIDENCE.	PER CENT DISTRIBUTION OF TOTAL NUMBER OF FOREIGN-BORN WHITES WHO ARRIVED DURING THE YEARS—				
	1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.
United States.....	100.0	100.0	100.0	100.0	100.0
New England.....	14.6	14.2	17.8	12.9	6.4
Middle Atlantic.....	45.3	45.3	41.2	29.8	25.5
East North Central.....	20.9	19.8	19.1	27.9	22.9
West North Central.....	7.4	7.8	8.9	15.8	18.1
South Atlantic.....	2.2	2.0	1.8	1.9	4.2
East South Central.....	0.3	0.4	0.4	0.8	1.4
West South Central.....	2.0	1.7	2.2	2.3	7.1
Mountain.....	3.6	2.9	2.8	3.0	4.9
Pacific.....	5.9	6.1	5.7	6.5	9.1

The recent arrivals have largely concentrated in the three northeastern geographic divisions—the New England, the Middle Atlantic, and the East North Central—principally in the Middle Atlantic. Of the foreign-born whites enumerated in 1910 who reported arrival after January 1, 1906, 43.3 per cent were in the Middle

Atlantic division, 20.6 per cent in the East North Central division, and 14.6 per cent in New England, leaving only 21.4 per cent in all the rest of the country. The distribution of those who reported arrival between 1901 and 1905 was substantially the same, and that of those earlier immigrants who arrived from 1891 to 1900 was not very different. On the other hand, of those who had arrived in 1890 or earlier, only 29.8 per cent were in the Middle Atlantic division and 12.9 per cent in the New England division. The proportion of this class residing in the East North Central division (27 per cent), however, was much larger than the proportion of the more recent immigrants residing in that division. The West North Central division contained 15.8 per cent of those who reported arrival in 1890 or earlier, while only 7.4 per cent of those who arrived after January 1, 1906, were in that division.

To facilitate comparison between the recent arrivals and the earlier, the foreign-born whites in each geographic division and state who failed to report the date of arrival have been distributed by estimates as having arrived, respectively, before and after January 1, 1901. The estimates are made in the manner already explained in connection with Table 1, page 215. The results are shown in Table 4.

FOREIGN-BORN WHITE POPULATION IN 1910, DISTRIBUTED (PARTLY BY ESTIMATES) AS ARRIVING BEFORE OR AFTER JANUARY 1, 1901, BY DIVISIONS AND STATES.

DIVISION AND STATE.	Total foreign-born white: 1910	ESTIMATED NUMBER WHO ARRIVED IN THE UNITED STATES—				Total foreign-born white: 1910	ESTIMATED NUMBER WHO ARRIVED IN THE UNITED STATES—			
		Before Jan. 1, 1901.		Between Jan. 1, 1901, and Apr. 15, 1910.			Before Jan. 1, 1901.		Between Jan. 1, 1901, and Apr. 15, 1910.	
		Number.	Per cent.	Number.	Per cent.		Number.	Per cent.		
United States	13,345,545	8,345,447	5,000,098	37.5						
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	1,814,396	1,129,913	684,473	37.7	WEST NORTH CENTRAL—Contd.:					
Middle Atlantic.....	4,826,179	2,670,407	2,155,772	44.7	Nebraska.....	175,863	137,870	37,995	21.6	
East North Central.....	3,067,229	2,054,803	1,012,417	33.0	Kansas.....	135,190	101,312	33,878	24.9	
West North Central.....	1,613,231	1,211,646	491,585	24.9	SOUTH ATLANTIC:					
South Atlantic.....	290,555	171,612	118,943	40.9	Delaware.....	10,430	10,489	6,931	39.8	
East South Central.....	86,857	65,768	21,089	24.3	Maryland.....	17,214	17,214	31,960	30.7	
West South Central.....	345,759	235,432	115,307	33.1	District of Columbia.....	24,337	17,442	6,809	28.4	
Mountain.....	436,910	260,936	175,974	40.3	Virginia.....	26,628	16,322	10,396	38.7	
Pacific.....	561,448	546,910	314,538	36.5	West Virginia.....	57,072	18,145	38,927	68.2	
					North Carolina.....	5,942	3,714	4,228	37.5	
					South Carolina.....	6,054	4,287	1,707	29.2	
					Georgia.....	15,072	6,908	5,064	33.2	
					Florida.....	33,542	18,501	14,911	44.1	
<b>NEW ENGLAND:</b>					<b>EAST SOUTH CENTRAL:</b>					
Maine.....	110,133	71,073	39,999	35.5	Kentucky.....	40,033	33,779	6,274	15.7	
New Hampshire.....	96,358	61,243	35,213	36.6	Tennessee.....	18,459	13,574	4,885	26.5	
Vermont.....	49,861	31,452	18,409	36.9	Alabama.....	18,896	12,151	6,805	35.9	
Massachusetts.....	1,051,006	603,212	357,838	36.9	Mississippi.....	9,389	6,294	3,125	33.3	
Rhode Island.....	175,025	110,626	67,399	37.9	Arkansas.....	16,968	12,804	4,105	24.3	
Connecticut.....	328,579	192,307	136,452	41.5	Louisiana.....	31,782	38,027	15,755	36.6	
<b>MIDDLE ATLANTIC:</b>					Oklahoma.....	40,894	28,566	10,518	26.2	
New York.....	2,729,272	1,543,224	1,186,048	43.5	Texas.....	239,984	153,035	86,929	36.2	
New Jersey.....	658,185	379,144	279,044	42.4	<b>MOUNTAIN:</b>					
Pennsylvania.....	1,438,719	748,039	690,680	48.0	Montana.....	91,944	53,045	38,599	42.1	
<b>EAST NORTH CENTRAL:</b>					Idaho.....	40,437	26,586	13,841	34.2	
Ohio.....	597,245	355,912	241,333	40.4	Wyoming.....	27,118	13,691	14,027	31.7	
Indiana.....	1,198,322	680,097	355,625	30.9	Colorado.....	82,138	46,138	44,662	35.2	
Illinois.....	1,302,560	754,710	437,844	36.4	New Mexico.....	22,654	11,511	11,143	49.2	
Michigan.....	595,524	427,328	188,196	28.2	Arizona.....	48,824	21,097	25,727	54.9	
Wisconsin.....	512,569	403,150	109,419	21.3	Utah.....	43,393	20,453	13,292	30.3	
<b>WEST NORTH CENTRAL:</b>					Nevada.....	17,999	10,483	7,516	41.8	
Minnesota.....	543,010	406,752	138,228	25.1	<b>PACIFIC:</b>					
Iowa.....	273,484	222,328	81,156	18.7	Washington.....	241,197	145,014	96,183	39.9	
Missouri.....	228,896	162,000	66,296	29.0	Oregon.....	103,001	64,728	38,273	37.2	
North Dakota.....	156,138	103,527	52,631	33.7	California.....	517,250	337,168	180,082	34.8	
South Dakota.....	100,628	77,027	23,601	23.5						

Urban and rural communities.—Table 5 distributes the foreign-born white population in the urban and rural communities, respectively, of each geographic division according to the time of arrival in the United States.

This table shows that the more recent arrivals have more generally gone to urban communities than the earlier ones. In 1910, of the foreign-born whites in urban communities who reported the year of immigration, 39.8 per cent had arrived before January 1, 1901; of

those in rural communities only 31.7 per cent. Of the 4,528,926 foreign-born whites who reported arrival after January 1, 1901, 3,514,756, or 77.6 per cent, resided in urban communities, and only 1,014,170, or 22.4

per cent, in rural communities; while of the 5,302,515 who reported arrival in 1890 or earlier, 3,611,131, or 68.1 per cent, resided in urban communities, and 1,691,384, or 31.9 per cent, in rural communities.

**Table 5** FOREIGN-BORN WHITE IN 1910, CLASSIFIED ACCORDING TO YEAR OF IMMIGRATION.

DIVISION.	URBAN COMMUNITIES.										RURAL COMMUNITIES.									
	YEAR OF IMMIGRATION.					PER CENT. <sup>1</sup>					YEAR OF IMMIGRATION.					PER CENT. <sup>1</sup>				
	1906 Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906	1901	1900 or ear- lier.	1906	1901	1900 or ear- lier.	1906	1901	1900 or ear- lier.	1906	1901	1900 or ear- lier.			
<b>United States</b> .....	1,845,819	1,568,937	1,701,911	3,611,131	807,571	22.0	17.8	60.2	583,102	431,068	493,224	1,691,384	511,388	18.2	13.5	68.3				
New England.....	346,817	285,416	363,899	630,398	70,009	21.6	16.3	61.9	27,625	17,830	26,665	56,269	14,467	18.3	14.6	62.8				
Middle Atlantic.....	904,653	770,483	783,663	1,335,861	267,157	23.8	20.3	65.8	191,025	136,011	139,685	344,511	84,470	27.1	16.4	70.8				
East North Central.....	435,287	316,937	319,051	939,710	188,306	21.8	15.8	62.4	86,721	75,079	99,639	593,470	113,094	11.3	9.8	79.9				
West North Central.....	94,806	74,184	75,312	287,948	99,449	17.8	13.9	68.3	91,741	81,499	120,653	598,678	139,564	10.6	9.7	78.4				
South Atlantic.....	29,128	25,805	29,612	70,663	30,546	18.8	16.6	64.6	27,756	14,454	19,710	77,653	18,234	54.4	17.9	47.6				
East South Central.....	5,431	4,922	6,201	29,694	11,624	11.7	10.6	67.6	3,156	2,719	2,673	13,068	7,279	14.6	12.0	62.9				
West South Central.....	17,679	14,222	16,112	46,716	39,079	18.1	14.6	67.4	33,178	30,374	29,817	74,708	54,814	28.5	13.6	77.6				
Mountain.....	27,918	20,196	20,196	70,549	30,678	19.4	15.6	66.0	63,046	36,916	36,867	88,672	38,961	28.0	16.4	55.7				
Pacific.....	84,003	75,008	78,800	211,999	78,672	18.7	16.7	64.6	64,857	46,269	46,105	134,323	41,415	22.2	15.9	61.9				

<sup>1</sup> Percentages based only on the number for whom the year of immigration was reported.

**Principal cities.**—Table 6 distributes the foreign-born whites of each city of 100,000 inhabitants or more, as enumerated at the census of 1910, according to the time of arrival in the United States. Very marked differences appear among the cities with respect to the proportions of the more recent and the earlier arrivals. In New York City 23.6 per cent of

those who reported specifically the year of arrival had arrived between January 1, 1906, and the date of enumeration in 1910; 22 per cent between 1901 and 1905; and 54.4 per cent in 1900 or earlier. In New Orleans, on the other hand, only 9.9 per cent reported arrival between 1906 and 1910, while 78.6 per cent reported arrival in 1900 or earlier.

**FOREIGN-BORN WHITE POPULATION, BY YEAR OF ARRIVAL IN THE UNITED STATES, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1910.**

CITY.	YEAR OF IMMIGRATION.					PER CENT. <sup>1</sup>					CITY.	YEAR OF IMMIGRATION.					PER CENT. <sup>1</sup>				
	1906 Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906	1901	1900 or ear- lier.	1906	1901		1900 or ear- lier.	1906	1901	1900 or ear- lier.	1906	1901	1900 or ear- lier.			
Albany, N. Y.....	2,501	2,019	2,238	8,996	2,429	15.9	12.8	71.3	11,872	12,971	12,771	35,812	12,512	16.2	17.7	66.2					
Atlanta, Ga.....	646	591	655	1,382	1,166	19.9	17.3	62.8	281	281	280	1,653	399	10.8	10.8	78.3					
Baltimore, Md.....	10,421	10,630	12,830	32,541	10,631	15.7	16.0	68.3	8,536	8,282	9,227	14,943	1,696	20.8	20.4	68.8					
Birmingham, Ala.....	941	714	814	1,658	1,473	22.5	17.3	59.9	1,909	2,390	3,199	11,582	8,369	9.9	11.5	78.6					
Boston, Mass.....	43,852	40,352	57,037	93,318	6,185	18.7	17.7	64.4	438,743	407,865	410,995	589,206	71,997	23.6	22.0	54.4					
Bridgeport, Conn.....	9,080	6,973	7,628	11,033	1,464	26.2	20.1	63.8	34,309	21,069	21,607	38,215	5,538	23.1	20.0	56.8					
Buffalo, N. Y.....	17,798	13,139	19,636	30,262	3,929	13.2	12.9	63.9	3,426	4,969	8,045	15,771	15.4	14.4	70.8						
Cambridge, Mass.....	6,163	5,516	7,969	14,574	354	18.0	16.1	65.9	4,626	3,066	3,425	12,277	3,794	19.8	13.1	67.1					
Chicago, Ill.....	161,210	130,618	132,369	310,401	47,199	26.0	17.7	66.3	7,962	7,111	9,048	17,963	2,394	10.9	16.9	64.1					
Cincinnati, Ohio.....	9,638	5,884	5,494	32,685	3,129	17.9	11.0	71.1	72,310	67,110	69,994	14,574	32,284	28.7	19.2	60.1					
Cleveland, Ohio.....	48,951	38,063	31,589	71,646	5,781	25.3	20.3	64.4	28,831	26,763	23,333	49,482	12,097	22.5	20.8	56.7					
Columbus, Ohio.....	2,515	1,639	1,541	6,744	3,446	28.2	13.2	66.6	8,326	6,253	6,002	15,263	8,002	22.1	17.4	39.5					
Dayton, Ohio.....	3,744	1,781	1,457	5,783	1,082	29.2	14.0	66.7	15,463	13,297	17,325	27,321	2,857	21.0	18.2	60.8					
Denver, Colo.....	4,469	4,467	6,388	19,090	4,557	13.0	13.0	74.0	587	459	499	1,341	1,202	20.4	15.5	63.8					
Detroit, Mich.....	38,944	23,594	24,144	62,647	8,134	25.6	18.9	68.5	12,959	8,886	8,960	24,435	3,720	23.4	16.1	60.5					
Fall River, Mass.....	9,636	7,717	12,123	30,913	491	18.1	15.3	65.6	21,335	16,274	14,698	59,778	14,515	19.2	14.6	66.2					
Grand Rapids, Mich.....	3,997	2,145	3,872	12,520	3,303	16.3	12.8	70.9	7,439	6,673	7,638	25,093	6,000	14.9	14.1	60.5					
Indianapolis, Ind.....	3,428	1,953	2,271	9,723	2,290	14.7	11.3	69.0	18,742	19,262	20,817	57,589	14,469	16.1	16.5	67.4					
Jersey City, N. J.....	14,457	11,531	12,625	31,040	6,741	23.4	16.6	63.0	6,598	5,546	5,676	14,542	7,798	20.4	17.1	62.5					
Kansas City, Mo.....	3,089	2,749	2,978	10,136	6,284	16.2	14.4	69.0	11,166	9,363	9,962	18,015	14,018	22.2	18.9	62.0					
Los Angeles, Cal.....	8,925	9,110	9,796	24,507	8,234	17.1	17.4	65.5	3,803	2,621	2,901	7,184	4,471	22.7	17.1	60.1					
Louisville, Ky.....	1,307	1,123	1,609	11,046	2,201	9.0	7.4	83.7	6,064	3,678	4,418	11,632	4,779	23.4	14.1	62.5					
Lowell, Mass.....	13,854	6,079	9,173	17,406	994	23.2	14.3	62.5	4,024	3,467	4,606	14,857	5,083	14.9	12.9	72.2					
Memphis, Tenn.....	783	809	818	2,538	1,319	15.8	16.4	65.8	2,857	2,494	3,263	10,255	5,563	15.1	13.3	71.6					
Milwaukee, Wis.....	19,528	13,673	14,633	52,322	11,917	19.6	13.1	67.3	10,485	7,864	7,110	18,015	11,415	22.3	16.7	61.0					

<sup>1</sup> Percentages based only on the number for whom the year of immigration was reported.

CHAPTER 7.

SCHOOL ATTENDANCE AND ILLITERACY.

**Introduction.**—This chapter presents in condensed form the principal statistics relative to school attendance and illiteracy obtained at the Thirteenth Census, taken as of April 15, 1910, with comparative figures for prior censuses. Statistics are presented for the states and principal cities of the United States, Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

In the first part of the chapter relating to school attendance figures are given for the whole number of persons attending school in 1909-10, but comparisons with the population are confined to persons from 6 to 20 years of age. A full discussion is given for the United States as a whole for different classes of the population, classified by color or race, nativity, and parentage, by sex, and by age groups, with further details regarding the population living in urban com-

munities and rural districts. Similar material in more condensed form is given for the geographic divisions and states and for the principal cities. Comparative figures for the censuses of 1910 and 1900 relate to the population from 5 to 20 years of age.

In the second part of the chapter relating to illiteracy figures are presented for the United States as a whole for the population 10 years of age and over, classified by color or race, nativity, parentage, sex, and age, and as resident in urban communities and rural districts. Similar statistics in more condensed form are given for each of the geographic divisions and states and for the principal cities. The chapter also gives a separate discussion of illiteracy in two important classes of the population, namely, children from 10 to 14 years of age and males 21 years of age and over.

SCHOOL ATTENDANCE.

UNITED STATES AS A WHOLE: 1909-10.

The statistics of school attendance of the census of 1910 are based upon the answers to a question on the population schedule as to whether the person enumerated had attended school between September 1, 1909, and the date of enumeration, April 15, 1910. If the person enumerated had attended any kind of school for any length of time during the period in question, an affirmative answer was to be entered upon the schedule.

**Persons attending school, classified by color or race, nativity, and parentage.**—The total number of persons reported as having attended school between September 1, 1909, and April 15, 1910, was 18,009,891. It is not to be understood that all of these persons were in school on April 15, or that they were simultaneously attending school at any time during the period. They represent the whole number who had any relation as pupils to the schools of the country during this time, and may, for brevity, be designated as persons attending school in 1909-10. Though the period falls from two to two and a half months short of the entire school year 1909-10, the number of persons who enter school in April, May, and June of any school year who have not been at school earlier in the year is an insignificant part of the whole enrollment. Hence the period covered by the census enumeration can be regarded as practically identical with the school year. Table 1 shows the distribution of the persons attending school in 1909-10 among the several color or race, nativity, and parentage groups.

CLASS OF POPULATION.	PERSONS ATTENDING SCHOOL, 1909-10.		Per cent distribution of total population.
	Number.	Per cent of total.	
<b>Total</b> .....	<b>18,009,891</b>	<b>100.0</b>	<b>100.0</b>
White.....	16,279,292	90.4	88.9
Nativ.....	15,627,786	86.8	74.4
Native parentage.....	11,110,583	61.7	53.8
Foreign or mixed parentage.....	4,517,203	25.1	23.2
Foreign born.....	651,506	3.6	14.5
Negro.....	1,670,650	9.3	10.7
Indian.....	53,458	0.3	0.3
Chinese.....	3,887	( <sup>1</sup> )	0.1
Japanese.....	2,512	( <sup>1</sup> )	0.1
All other.....	92	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Less than one-tenth of 1 per cent.

Of the persons attending school, 90.4 per cent were whites and 9.3 per cent were negroes, the native whites constituting 86.3 per cent of the total. The distribution of the white persons attending school among the different nativity and parentage groups differs considerably from the corresponding distribution of the population at large. This difference, however, is not primarily attributable to divergent tendencies with regard to school attendance among these elements of the population, but results largely from differences between the nativity and parentage distribution of the adult white population and that of the white population of the usual school ages.

**Persons attending school, classified by sex.**—Table 2 shows the distribution by sex of the persons in each color or race, nativity, and parentage group attending school in 1909-10. It shows also the number of males

to 100 females for the entire number attending school, for those in the age group 6 to 20 years, and for the total population in the group 6 to 20 years.

Table 2

CLASS OF POPULATION.	PERSONS ATTENDING SCHOOL, 1909-10.		MALES TO 100 FEMALES.			
	Male.	Female.	Among persons attending school.		In total population 6 to 20 years of age.	
			All ages.	6 to 20 years of age.		
<b>Total</b> .....	<b>9,037,655</b>	<b>8,972,236</b>	<b>100.7</b>	<b>100.3</b>	<b>100.7</b>	
White.....	8,230,847	8,058,445	102.0	101.5	101.4	
Native.....	7,882,007	7,745,179	101.8	101.4	101.0	
Native parentage.....	5,641,901	5,496,682	102.1	101.6	101.5	
Foreign or mixed parentage.....	2,270,706	2,246,497	101.1	100.8	99.7	
Foreign born.....	338,240	313,266	108.0	105.6	108.1	
Negro.....	783,809	886,781	88.4	88.4	95.4	

A slight excess of males appears among the persons attending school, there being 100.7 males to each 100 females. This excess of males is found in all of the groups given in the table, except in the case of the negroes, where the females considerably outnumbered the males. For the persons 6 to 20 years of age attending school the excess of males was somewhat less than among all persons attending school. This excess corresponded approximately for most of the groups to the excess of males in the total population 6 to 20 years of age.

Persons attending school, classified by age groups.—Table 3 shows the age distribution, by color or race, nativity, and parentage groups, of persons who were reported as attending school.

The great majority of persons attending school are between the ages of 6 and 20 years, inclusive, which correspond precisely to the limits of school age as defined by the laws of many states, and approximately to the limits established in most other states. Of the total number of persons attending school in 1909-10, 17,300,204, or 96.1 per cent, were between 6 and 20 years of age, inclusive, while only 2.2 per cent were under 6 and only 1.7 per cent were over 21. The group 6 to 9 years of age included 31.5 per cent of all persons attending school; the group from 10 to 14 years included 44.6 per cent; and the group from 15 to 20 years included 20 per cent. It may be noted that the age periods indicated are not of equal length, the first including four years; the second, five; and the third, six.

In this and other tables percentages are given for the age groups 15 to 17 years and 18 to 20 years, but for economy of space the absolute figures on which percentages are based have been omitted from some of the other tables.

The age distribution of the persons attending school does not vary greatly among the principal race, nativity, and parentage groups shown in Table 3. Among the native whites of native parentage the percentage who were from 15 to 20 years of age was noticeably larger than among the foreign-born whites or the native whites of foreign or mixed parentage. On the other hand, the proportion of the foreign-born whites who were over 20 years of age was much higher than the corresponding proportion among the native white classes.

Table 3

AGE PERIOD.	PERSONS ATTENDING SCHOOL, 1909-10.													
	All classes.		White.										Negro.	
			Total.		Native.				Foreign born.					
	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.		
<b>Total</b> .....	<b>15,009,891</b>	<b>100.0</b>	<b>16,279,292</b>	<b>100.0</b>	<b>15,027,756</b>	<b>100.0</b>	<b>11,110,583</b>	<b>100.0</b>	<b>4,517,203</b>	<b>100.0</b>	<b>651,506</b>	<b>100.0</b>	<b>1,670,850</b>	<b>100.0</b>
Under 6 years.....	396,431	2.2	396,890	2.3	355,355	2.3	217,189	2.0	138,166	3.1	11,445	1.8	28,560	1.7
6 to 9 years.....	5,678,320	31.5	5,174,947	31.8	4,984,031	31.9	3,477,937	31.3	1,503,074	33.3	163,216	29.7	458,954	29.3
10 to 14 years.....	8,028,662	44.6	7,212,607	44.3	6,904,115	44.2	4,827,471	43.4	2,076,644	46.0	308,492	47.4	791,995	47.4
15 to 20 years.....	3,950,222	20.0	3,237,762	19.9	3,135,123	20.1	2,385,763	21.6	739,360	16.4	102,639	15.8	338,750	20.3
21 to 24 years.....	2,748,386	15.3	2,473,283	15.2	2,409,298	15.4	1,809,055	16.3	590,219	13.1	73,015	11.2	284,005	15.8
25 to 29 years.....	844,836	4.7	764,479	4.7	734,855	4.7	586,708	5.3	148,147	3.3	29,624	4.5	74,745	4.5
30 years and over.....	313,256	1.7	287,776	1.8	292,162	1.6	192,203	1.7	99,959	1.3	35,614	5.5	22,201	1.3

Percentage attending school, by age groups.—Some of the most significant information to be derived from statistics of school attendance is obtained by comparing the number of persons of a given group attending school with the total number of persons in that group, and thus showing the proportion of school attendance. Inasmuch as school attendance is not customary among persons under 6 or over 20 years of age, comparisons of this character are in general best confined to persons from 6 to 20 years of age.

Table 4 shows, by age groups, for the United States as a whole, the proportion of the entire population who attended school in 1909-10.

Persons reported as attending school constituted 19.6 per cent of the total population of the country. For persons under 6 years of age the proportion attending school was only 3.1 per cent, and for persons of 21 and over only 0.6 per cent. The total number of persons between the ages of 6 and 20 years, inclusive, in 1910 was 27,750,599, of which number

17,300,204, or 62.3 per cent, attended school at some time between September 1, 1909, and April 15, 1910.

AGE PERIOD.	Population: 1910	PERSONS ATTENDING SCHOOL, 1909-10.	
		Number.	Percent.
Total.....	27,872,266	18,009,591	19.6
Under 6 years.....	12,696,762	596,431	3.1
6 to 20 years.....	27,726,599	17,300,204	62.3
6 to 9 years.....	7,225,234	5,678,230	78.5
10 to 14 years.....	9,107,140	5,028,662	55.2
15 to 20 years.....	10,393,225	3,599,312	34.9
15 to 17 years.....	5,372,176	2,748,586	51.2
18 to 20 years.....	5,021,049	344,830	6.9
21 years and over.....	51,654,505	313,256	0.6

School attendance is much more common between the ages of 6 and 14 years than during the later years

of youth. It is most common between the ages of 8 and 13, inclusive. Compulsory school attendance laws, which in 1910 existed in all but 7 of the states of the Union, seldom require attendance beyond the age of 14, and many children after reaching that age drop out of school. School attendance is never required by law before the age of 7 years and in the majority of states not before 8 years, although a considerable proportion of children of 6 and a still larger proportion of those of 7 usually attend school, especially in cities. Hence the proportion of school attendance for the group 10 to 14 years (55.2 per cent) was considerably higher than that for the age group 6 to 9 years (73.5 per cent), and very much higher than that for the age group 15 to 20 years (32.9 per cent).

CLASS OF POPULATION AND SEX.	Total number of persons attending school, 1909-10.	PERSONS 6 TO 20 YEARS OF AGE.		PERSONS 6 TO 9 YEARS OF AGE.		PERSONS 10 TO 14 YEARS OF AGE.		PERSONS 15 TO 20 YEARS OF AGE.		OTHERS ATTENDING SCHOOL.					
		Total number.	Percent.	Total number.	Percent.	Total number.	Percent.	Total number.	Percent.	Under 6 years of age.	21 years and over.				
												Number.	Per cent.	Number.	Per cent.
<b>Total.....</b>	<b>18,009,591</b>	<b>27,750,598</b>	<b>17,300,204</b>	<b>62.3</b>	<b>7,725,234</b>	<b>5,678,320</b>	<b>73.5</b>	<b>9,107,140</b>	<b>5,028,662</b>	<b>55.2</b>	<b>10,393,225</b>	<b>3,599,312</b>	<b>34.9</b>	<b>396,431</b>	<b>313,256</b>
Male.....	9,037,455	15,924,694	9,661,846	62.2	3,892,287	2,886,938	73.9	4,601,750	4,038,108	87.7	5,626,484	1,769,161	32.6	198,572	179,257
Female.....	8,972,236	13,825,905	8,638,358	62.5	3,832,947	2,821,740	73.7	4,505,387	3,992,557	88.6	5,491,571	1,824,061	33.2	197,859	134,019
<b>White.....</b>	<b>16,279,292</b>	<b>24,220,868</b>	<b>15,624,716</b>	<b>64.5</b>	<b>6,703,748</b>	<b>5,174,347</b>	<b>77.2</b>	<b>7,918,408</b>	<b>7,212,667</b>	<b>91.1</b>	<b>9,988,712</b>	<b>3,237,762</b>	<b>33.7</b>	<b>366,800</b>	<b>287,776</b>
Male.....	8,220,847	12,195,188	7,872,132	64.6	3,181,957	2,611,957	77.1	4,096,104	3,643,988	91.0	4,800,611	1,616,187	33.7	182,602	163,113
Female.....	8,058,445	12,025,720	7,752,584	64.5	3,521,811	2,562,390	77.3	3,921,304	3,568,679	91.2	5,188,101	1,621,575	31.3	184,198	124,663
<b>Negro.....</b>	<b>1,670,650</b>	<b>3,422,157</b>	<b>1,619,697</b>	<b>47.3</b>	<b>920,859</b>	<b>688,914</b>	<b>74.8</b>	<b>1,185,766</b>	<b>791,995</b>	<b>67.0</b>	<b>1,776,941</b>	<b>358,730</b>	<b>20.2</b>	<b>28,562</b>	<b>22,301</b>
Male.....	783,869	1,670,979	759,813	45.5	492,486	237,162	48.2	578,074	379,486	65.6	600,439	143,165	23.8	13,452	10,603
Female.....	886,781	1,751,178	859,884	49.1	428,384	251,792	59.5	577,192	412,509	71.5	675,602	195,585	28.9	15,108	11,787
<b>Indian.....</b>	<b>35,458</b>	<b>94,529</b>	<b>51,043</b>	<b>54.0</b>	<b>28,907</b>	<b>13,984</b>	<b>48.1</b>	<b>41,313</b>	<b>22,446</b>	<b>54.5</b>	<b>34,229</b>	<b>14,613</b>	<b>42.7</b>	<b>962</b>	<b>1,453</b>
Chinese.....	3,887	6,978	3,253	46.8	956	694	63.2	1,575	1,221	77.5	4,447	1,438	32.3	64	560
Japanese.....	2,512	5,715	1,477	25.9	794	429	53.8	477	375	78.6	4,474	628	14.0	45	1,949
All other.....	0	352	56	15.9	9	5	( )	18	( )	( )	322	33	10.2	—	36
<b>Native white.....</b>	<b>15,627,786</b>	<b>22,678,825</b>	<b>15,000,269</b>	<b>66.2</b>	<b>6,452,309</b>	<b>4,981,031</b>	<b>77.2</b>	<b>7,560,768</b>	<b>6,904,115</b>	<b>91.3</b>	<b>8,666,438</b>	<b>3,135,123</b>	<b>36.2</b>	<b>355,355</b>	<b>252,162</b>
Male.....	7,852,607	11,393,940	7,561,644	66.4	3,261,240	2,514,191	77.1	3,824,801	3,486,297	91.2	4,307,533	1,561,056	36.2	176,820	144,145
Female.....	7,745,179	11,284,885	7,438,625	66.1	3,190,765	2,466,840	77.3	3,735,967	3,417,718	91.4	4,358,903	1,574,067	36.1	178,535	108,019
<b>Native parentage.....</b>	<b>11,110,583</b>	<b>16,007,363</b>	<b>10,701,191</b>	<b>66.9</b>	<b>4,422,227</b>	<b>3,477,307</b>	<b>77.5</b>	<b>5,324,283</b>	<b>4,827,711</b>	<b>90.7</b>	<b>6,060,782</b>	<b>2,305,763</b>	<b>38.5</b>	<b>217,188</b>	<b>192,235</b>
Male.....	5,611,901	8,062,850	5,393,741	66.9	2,340,830	1,737,051	75.1	2,706,656	2,439,554	90.3	3,021,364	1,197,139	39.6	107,761	110,389
Female.....	5,498,682	7,944,513	5,307,450	66.8	2,281,497	1,720,986	75.4	2,625,627	2,387,917	91.0	3,039,419	1,198,624	39.4	109,421	81,814
<b>Foreign or mixed par.....</b>	<b>4,317,293</b>	<b>6,671,432</b>	<b>3,119,076</b>	<b>47.0</b>	<b>1,829,092</b>	<b>1,505,074</b>	<b>82.1</b>	<b>2,455,705</b>	<b>2,076,644</b>	<b>84.6</b>	<b>2,665,659</b>	<b>799,360</b>	<b>29.8</b>	<b>138,166</b>	<b>99,959</b>
Male.....	2,270,706	3,331,060	2,167,900	65.1	930,774	757,149	82.2	1,124,145	1,046,843	93.1	1,286,171	363,917	28.3	69,052	33,774
Female.....	2,246,947	3,340,342	2,151,176	64.4	908,298	745,934	82.9	1,331,560	1,029,801	76.6	1,379,488	375,443	28.5	69,114	26,205
<b>Foreign-born white.....</b>	<b>613,506</b>	<b>1,542,043</b>	<b>604,447</b>	<b>39.2</b>	<b>251,439</b>	<b>193,316</b>	<b>76.9</b>	<b>358,330</b>	<b>308,492</b>	<b>86.1</b>	<b>922,274</b>	<b>102,630</b>	<b>11.0</b>	<b>11,445</b>	<b>35,613</b>
Male.....	338,240	801,338	310,488	38.8	136,829	97,766	71.1	181,303	157,991	86.9	469,076	53,115	11.3	5,782	21,970
Female.....	313,266	740,843	293,959	39.7	124,610	95,550	76.7	177,027	150,501	85.2	459,198	47,508	10.8	6,663	13,644

<sup>1</sup> Per cent not shown where base is less than 100.

Percentage attending school, by color or race, nativity, and parentage.—Table 5 shows the number and percentage of the population who attended school in 1909-10 by age groups, and by race, nativity, and parentage, and by sex. Table 6 summarizes the percentages.

CLASS OF POPULATION.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.				
	6 to 20 years of age.	6 to 9 years of age.	10 to 14 years of age.	15 to 20 years of age.	Total.
<b>Total.....</b>	<b>62.3</b>	<b>73.5</b>	<b>55.2</b>	<b>32.9</b>	<b>51.2</b>
White.....	64.5	77.2	91.1	33.7	52.4
Native.....	66.2	77.2	94.3	36.2	54.3
Native parentage.....	66.9	75.2	90.7	39.5	53.9
Foreign or mixed parentage.....	47.3	82.1	92.9	29.8	33.8
Foreign born.....	39.2	76.9	86.1	11.0	24.8
Negro.....	47.3	49.3	68.6	20.5	41.5

For the entire group comprising persons from 6 to 20 years of age, the native whites of native parentage showed a higher percentage of persons attending school (66.9) than any other class of the population, though not very much higher than the native whites of foreign or mixed parentage. The percentages shown by the foreign-born whites (39.2) and by the negroes (47.3) were much lower. Marked differences appear in some of the minor age groups. For children from 6 to 9 years of age the highest percentage of school attendance was among the native whites of foreign or mixed parentage; and even for the foreign-born whites the percentage was higher than for the native whites of native parentage. These elements of the foreign stock live more largely in urban communities, where the proportion of young children attending school is relatively high, than do the native whites of purely native parentage. For children from 10 to 14 years of age

also the highest percentage attending school was found among the native whites of foreign or mixed parentage. On the other hand, in the group from 15 to 20 years of age the proportion of school attendance was much higher among native whites of native parentage than among native whites of foreign or mixed parentage, while for the latter in turn it was very much higher than for the foreign-born whites. The low proportion of foreign-born whites from 15 to 20 years of age attending school results in part from the fact that very many children leave school as soon as the law permits, and in part from the fact that immigration swells the number of persons in this age group, bringing in large numbers who are beyond the age limits of compulsory school attendance, and who for this reason never attend school in the United States. In all of the age groups the percentage of school attendance among the negroes was materially lower than among the native whites of native parentage.

**Percentage attending school, by sex.**—Table 7 shows, by age groups and by classes of population, for males and females, respectively, the percentage who attended school in 1909–10.

CLASS OF POPULATION.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909–10.							
	6 to 20 years of age.		6 to 9 years of age.		10 to 14 years of age.		15 to 20 years of age.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Total.....	82.2	62.5	73.3	73.7	87.7	88.6	32.6	33.2
White.....	64.6	64.5	77.1	77.3	91.0	91.2	33.7	33.8
Native.....	66.4	66.1	77.1	77.3	91.2	91.3	36.2	36.1
Native parentage.....	66.9	66.8	75.1	75.4	90.3	91.0	39.6	39.4
Foreign or mixed par.....	65.1	64.4	82.2	82.0	93.1	92.6	28.3	28.5
Foreign born.....	38.8	39.7	77.1	76.7	86.9	85.2	11.2	10.8
Negro.....	45.5	49.1	48.2	50.5	65.6	71.5	23.8	28.9

In general there was comparatively little difference between the two sexes in the percentage of school attendance. For the total population from 6 to 20 years of age the percentage of males attending school was 62.2 and of females 62.5, but in both of the native white groups, which are the largest groups, the proportion for males was slightly higher than that for females, this difference being somewhat more than offset in the total by the higher proportion for females among the foreign-born whites and among the negroes.

The differences in the percentages for males and females in the entire group from 6 to 20 years of age are partly due to differences in the age distribution of the two sexes. Thus, in the case of native whites of native parentage, the percentage of school attendance in 1909–10 was slightly lower among the males from 6 to 9 years of age and among those from 10 to 14 than among females in these two age groups; but notwithstanding this fact the proportion for the whole group of persons of school age—from 6 to 20 years, inclusive—was higher for males than for females.

**Percentage attending school in the urban and rural population.**—There are somewhat important differences between urban communities and rural districts with respect to school attendance. Table 8 shows the distribution, by age groups, of the persons in the urban and in the rural population, respectively, who were reported as having attended school in 1909–10. The Bureau of the Census classifies as urban population that residing in cities and other incorporated places of 2,500 inhabitants or more, including New England towns of that population.

AGE PERIOD.	PERSONS ATTENDING SCHOOL, 1909–10.			
	In urban communities.		In rural districts.	
	Number.	Per cent of total.	Number.	Per cent of total.
Total.....	7,480,020	100.0	10,529,871	100.0
Under 6 years.....	212,994	2.8	185,437	1.7
6 to 9 years.....	2,442,363	32.7	3,226,015	30.7
10 to 14 years.....	3,326,340	44.5	4,702,322	44.7
15 to 20 years.....	1,330,224	17.8	2,252,698	21.5
15 to 17 years.....	1,003,041	13.4	1,745,945	16.6
18 to 20 years.....	327,283	4.4	517,553	4.9
21 years and over.....	165,057	2.2	145,199	1.4

In general the persons attending school in cities and villages were younger than those attending school in the rural districts.

The differences in this respect are further indicated in Table 9. (For the corresponding absolute numbers see Table 15, pages 229 and 230.)

AGE PERIOD.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909–10.					
	In urban communities.			In rural districts.		
	Total.	Male.	Female.	Total.	Male.	Female.
6 to 20 years, inclusive.....	61.6	62.0	61.3	62.9	62.4	63.4
6 to 9 years.....	81.7	81.7	81.7	68.3	68.1	68.6
10 to 14 years.....	91.7	91.8	91.6	88.8	88.1	88.4
15 to 20 years.....	27.1	26.6	27.6	37.6	37.2	38.1
15 to 17 years.....	43.8	42.4	45.2	55.4	55.4	57.9
18 to 20 years.....	12.5	12.5	12.5	17.7	18.0	17.5

For the entire group, comprising persons from 6 to 20 years of age, the proportion attending school in 1909–10 was slightly higher in rural districts than in urban communities (62.9 per cent as compared with 61.6 per cent). This, however, is due entirely to the fact that for the older children, from 15 to 20 years of age, the percentage attending school in the rural districts was much the higher. For children from 6 to 9 years of age the percentage was much higher, and for those from 10 to 14 considerably higher, in the urban than in the rural population. The distance of the schools from the homes often precludes the attendance of young children in rural districts, while, on the other hand, school attendance for at least a part of the year conflicts less with the industrial activity of the older children in rural than in urban communities.

For the entire group of persons from 6 to 20 years of age, inclusive, the proportion of school attendance was slightly higher among males than among females

in urban communities, but slightly the higher among females in the rural districts.

Table 10 shows, for the several color or race, nativity, and parentage classes, the proportion of the urban and of the rural population in the different age groups attending school.

**Table 10** PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.

AGE PERIOD.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.													
	Native white.													Negro.
	All classes.	Total.		Native parentage.		Foreign or mixed parentage.		Foreign-born white.		Urban.		Rural.		
		Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	
6 to 20 years, inclusive.....		61.6	62.9	65.1	67.1	65.9	67.3	64.2	65.8	63.9	63.6	65.1	74.1	
6 to 9 years.....	81.7	68.3	82.9	73.3	81.5	72.5	84.6	77.6	69.0	66.5	36.6	24.5	5.0	
10 to 14 years.....	61.7	68.8	62.8	69.0	62.7	69.2	62.9	68.8	68.8	67.8	68.0	86.5	6.9	
15 to 20 years.....	27.1	37.6	30.6	40.7	34.5	42.3	32.5	33.7	71.1	61.1	62.2	65.7	9.9	
15 to 17 years.....	43.8	56.6	46.5	56.0	32.6	62.1	39.4	43.1	93.4	27.1	39.3	45.1	1.1	
18 to 20 years.....	12.5	17.7	14.8	19.4	17.7	20.8	10.9	13.6	4.8	3.9	9.0	12.7	0.7	

For all persons of school age the proportion of school attendance among native whites both of native parentage and of foreign or mixed parentage was somewhat higher in rural districts than in urban communities, but among the foreign-born whites and the negroes the percentage was materially higher in the urban communities.

#### DIVISIONS AND STATES: 1909-10.

**Number and percentage attending school, by age groups.**—Table 11, on page 224, shows by divisions and states the number of persons attending school distributed by age groups, together with the total population in the principal age groups.

Comparing the geographic divisions, it appears that for the entire group of persons 6 to 20 years of age the proportion attending school was lowest in the South Atlantic division, where 56.7 per cent attended school in 1909-10, and highest in the West North Central division, where 67.9 per cent attended school. In the group from 6 to 9 years of age the variation among the divisions was more marked, the proportion ranging from 56.9 per cent in the West South Central division to 89.3 per cent in the New England division. In each of the four northern divisions more than four-fifths of the children of this age attended school, in each of the three southern divisions about three-fifths, and in the two western divisions about three-fourths. In the age group showing the maximum school attendance—that comprising children from 10 to 14

years of age—the proportion attending school was, in the three southern divisions, about four-fifths, and in the northern and western divisions over nine-tenths, with a maximum of 94.1 per cent in the New England and Pacific divisions. Among persons from 15 to 20 years of age the proportion attending school was lowest (26.2 per cent) in the Middle Atlantic division. In the New England and East North Central divisions also less than one-third of the persons of these ages were reported as attending school, but in all other divisions of the country the proportion was more than one-third, the maximum (40.5 per cent) being in the Mountain division.

**Persons 6 to 20 years of age attending school.**—Table 12, page 225, shows the total number of males and of females from 6 to 20 years of age, with the number and percentage attending school, by divisions and states.

The United States as a whole and all but two of the divisions show a slightly larger proportion of girls than of boys attending school. The exceptions are the Middle Atlantic and East North Central divisions, where the proportion of boys attending school was slightly larger than that of girls.

The color or race, nativity, and parentage distribution of the population from 6 to 20 years of age, with the number and percentage reported as attending school in 1909-10, is shown by divisions and states in Table 13, page 227.

In every division the proportion of persons attending school was higher among the native whites of native parentage than in any other group, native whites of foreign or mixed parentage, negroes, and foreign-born whites following in the order named.

The variation among the divisions in the proportion of the native whites of native parentage from 6 to 20 years of age attending school was comparatively slight; the maximum proportion (72.2 per cent) was in the New England division, and the minimum (62.8 per cent) in the South Atlantic division. The maximum proportion for the native whites of foreign or mixed parentage (69.3 per cent) was in the New England division, and the minimum (51.8 per cent) in the West South Central division; the next higher percentage, however, was decidedly above the minimum. The range of variation for the foreign-born whites and the negroes was also very considerable. Moreover, it may be noted that the divergence between the proportion of negroes attending school and that of native whites of native parentage attending school is most marked where the negroes are most numerous—in the three southern divisions.



# SCHOOL ATTENDANCE.

SCHOOL ATTENDANCE OF MALES AND FEMALES 6 TO 20 YEARS OF AGE, BY DIVISIONS AND STATES; 1910.

Table 12	MALES.			FEMALES.			DIVISION AND STATE.	MALES.			FEMALES.													
	Total number.	Attending school.		Total number.	Attending school.			Total number.	Attending school.		Total number.	Attending school.												
		Number.	Per cent.		Number.	Per cent.			Number.	Per cent.		Number.	Per cent.											
<b>United States</b>													13,924,894	8,661,846	62.2	13,825,905	8,638,358	62.5						
<b>GEOGRAPHIC DIVISIONS:</b>																								
New England:													893,084	570,010	66.0	866,028	573,252	66.2						
Middle Atlantic:													2,666,450	1,687,199	63.3	2,660,866	1,683,619	63.3						
East North Central:													2,635,089	1,728,379	65.6	2,601,854	1,703,243	65.5						
West North Central:													1,807,903	1,231,692	67.6	1,797,531	1,203,722	68.1						
South Atlantic:													2,094,592	1,160,663	56.2	2,075,167	1,186,788	57.2						
East South Central:													1,446,249	834,869	57.7	1,443,100	828,294	58.1						
West South Central:													1,534,210	875,665	57.0	1,525,354	871,942	57.2						
Mountain:													380,510	246,559	64.8	361,244	241,388	66.8						
Pacific:													527,507	337,494	64.0	496,911	336,010	67.6						
<b>NEW ENGLAND:</b>																								
Maine:													98,183	65,875	67.1	97,014	66,207	68.2						
New Hampshire:													56,291	36,545	64.9	55,343	36,942	66.8						
Vermont:													48,328	33,449	69.2	46,373	33,396	72.0						
Massachusetts:													437,007	292,237	66.9	444,017	295,793	66.6						
Rhode Island:													74,400	46,031	61.7	73,541	44,297	60.2						
Connecticut:													148,714	95,879	64.5	149,740	96,618	64.5						
<b>MIDDLE ATLANTIC:</b>																								
New York:													1,210,638	779,624	64.4	1,214,790	783,750	63.0						
New Jersey:													511,513	321,046	62.9	517,012	319,868	61.6						
Pennsylvania:													1,104,299	698,480	62.2	1,093,004	690,061	62.4						
<b>EAST NORTH CENTRAL:</b>																								
Ohio:													660,862	438,348	66.3	652,947	430,230	65.9						
Indiana:													393,088	258,983	65.9	384,801	254,638	66.2						
Illinois:													808,263	515,724	63.8	807,651	509,229	63.1						
Michigan:													403,056	271,277	67.3	393,831	268,462	68.2						
Wisconsin:													369,820	244,045	66.0	362,724	240,584	66.3						
<b>WEST NORTH CENTRAL:</b>																								
Minnesota:													328,248	223,610	68.1	320,530	220,131	68.7						
Iowa:													411,496	266,040	64.7	333,723	233,688	70.0						
Missouri:													496,831	324,743	65.4	497,147	322,123	64.8						
North Dakota:													94,421	59,876	63.4	88,915	57,577	64.8						
South Dakota:													94,628	62,882	66.1	89,310	60,049	67.2						
Nebraska:													189,450	131,839	69.6	184,418	129,380	70.2						
Kansas:													261,868	182,932	69.9	253,288	180,743	71.4						
<b>SOUTH ATLANTIC:</b>																								
Delaware:													29,511	18,113	61.3	28,391	17,191	60.6						
Maryland:													192,857	113,832	59.0	185,629	113,172	57.9						
District of Columbia:													38,373	24,734	64.5	40,974	26,125	63.8						
Virginia:													349,425	198,494	55.4	348,224	190,005	57.1						
West Virginia:													200,793	132,221	66.9	195,025	127,759	65.2						
North Carolina:													395,572	240,590	60.2	395,011	240,829	61.2						
South Carolina:													279,589	141,637	50.7	284,671	149,670	52.6						
Georgia:													457,136	235,151	51.0	468,729	247,243	52.7						
Florida:													121,494	62,947	51.8	122,913	65,812	53.7						
<b>EAST SOUTH CENTRAL:</b>																								
Kentucky:													380,316	232,224	61.1	375,393	228,971	61.0						
Tennessee:													371,988	220,124	59.2	360,490	218,423	59.6						
Alabama:													273,288	161,114	51.2	277,099	164,333	51.5						
Mississippi:													320,687	191,407	59.7	324,118	196,665	60.7						
<b>WEST SOUTH CENTRAL:</b>																								
Arkansas:													275,460	161,770	58.7	276,192	162,265	58.8						
Louisiana:													284,579	163,205	42.6	291,287	172,156	43.7						
Oklahoma:													288,108	186,269	68.1	278,215	187,547	67.4						
Texas:													688,643	395,071	57.7	677,670	394,975	58.3						
<b>MOUNTAIN:</b>																								
Montana:													48,839	30,278	62.0	44,932	30,400	67.7						
Idaho:													95,293	54,176	68.0	94,526	52,603	70.1						
Wyoming:													19,223	11,575	60.2	16,533	11,445	69.1						
Colorado:													109,338	72,278	64.4	106,022	73,898	69.3						
New Mexico:													53,481	33,236	62.1	51,622	31,016	59.9						
Arizona:													23,496	15,473	65.9	27,401	14,883	54.3						
Utah:													61,234	42,990	70.2	59,782	42,106	70.3						
Nevada:													8,606	5,104	59.7	7,525	5,037	66.9						
<b>PACIFIC:</b>																								
Washington:													134,457	97,993	64.7	143,021	97,266	68.0						
Oregon:													90,473	59,384	65.6	94,919	57,814	68.1						
California:													285,577	180,147	63.1	269,977	180,930	67.5						

Children 6 to 14 years of age attending school.— Between the ages of 6 and 20 years there are, as already noted, several years of age when school attendance is the exception rather than the rule, and when it is wholly voluntary. For children from 8 to 13 years of age, however, school attendance is in most sections of the country obligatory, and in many sections the age of 7 years is likewise covered by the compulsory school attendance laws. The proportion of school attendance is also high among children 6 years of age, so that for some purposes figures relating to the group comprising children from 6 to 14 years of age, inclusive, are of special value. Such figures are given, by divisions and states, in Table 14, page 228.

More than four-fifths (81.4 per cent) of all the children from 6 to 14 years of age attended school between September 1, 1909, and April 15, 1910. Of the remainder (18.6 per cent), the greater number consisted of 6 and 7 year old children who had not yet begun their schooling, and of 14 year old children who had completed their schooling.

Considering the different classes of the population, it is clear at a glance that the proportion of the children from 6 to 14 years of age attending school was greater for the whites than for the negroes. With respect to the whites it may be noted that for chil-

dren in this age group the maximum attendance was among the native whites of foreign or mixed parentage, and the next highest among the native whites of native parentage. The proportion of foreign-born whites attending school was in every division the smallest shown by any of the white elements. In four divisions, namely, the New England, Middle Atlantic, East North Central, and West South Central, the native whites of native parentage had the largest proportion of children from 6 to 14 years of age attending school, while in the remaining five divisions the largest proportion was among the native whites of foreign or mixed parentage.

For the native whites of native parentage the proportion of children from 6 to 14 years of age attending school varied from about three-fourths in the two South Central divisions to over nine-tenths in the New England division. For the native whites of foreign or mixed parentage the range of variation was somewhat less for eight of the nine divisions. Unusual conditions appear to have prevailed in the West South Central division with respect to the school attendance of white children of native birth and foreign or mixed parentage, since in that division less than two-thirds of such children were reported as attending school. The figures for the country as a whole show compar-

tively little difference between the proportion of children from 6 to 14 years of age attending school among the foreign-born whites and among the native whites of native parentage, though for each division taken separately the percentage for the foreign-born whites was considerably less. Here again the West South Central division occupies an exceptional position, inasmuch as it shows less than one-half of the foreign-born white children from 6 to 14 years of age attending school.

Except in the Pacific division, where the number of negroes is relatively small, the proportion of negro children attending school was less than that of white children. In the three southern divisions, which contain so great a majority of the negroes that they practically determine the average for the United States as a whole, less than three-fifths of the negro children from 6 to 14 years of age were reported as attending school, but the average for the other six divisions was somewhat over five-sixths.

**Persons attending school in the urban and rural population.**—School attendance figures for the urban and rural population, classified according to age, sex, and color or race, nativity, and parentage, are shown for 1909-10, by divisions, in Table 15, pages 229 and 230.

In the country as a whole, and in every division except two (the West South Central and Mountain divisions), the proportion of the whole number of persons from 6 to 20 years of age, inclusive, who were reported as attending school was greater in rural districts than in urban communities. In every division the proportion attending school among children from 6 to 9 years of age was larger in the urban population than in the rural, but in every division the proportion among persons from 15 to 20 years of age was larger in the rural population. For the intervening age group—10 to 14 years—the proportion was the larger in urban communities for the country as a whole, for the three southern divisions, and for the Mountain division, and in rural districts for the four northern divisions and the Pacific division.

# SCHOOL ATTENDANCE.

## SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE, BY DIVISIONS AND STATES: 1910.

[Per cent not shown where base is less than 100.]

Table 13 DIVISION AND STATE.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
	Total number.	Attending school.		Native percentage.		Foreign or mixed par.		Total number.	Attending school.		Total number.	Attending school.			
		Number.	Per cent.	Total number.	Attending school.	Total number.	Attending school.		Number.	Per cent.		Number.	Per cent.		
														Number.	Per cent.
<b>United States.....</b>	<b>27,759,599</b>	<b>17,300,204</b>	<b>62.3</b>	<b>16,007,393</b>	<b>10,701,191</b>	<b>68.9</b>	<b>6,671,432</b>	<b>4,319,078</b>	<b>64.7</b>	<b>1,542,043</b>	<b>605,447</b>	<b>39.2</b>	<b>32,422,157</b>	<b>1,618,689</b>	<b>47.3</b>
<b>GEOGRAPHIC DIVISIONS:</b>															
New England.....	1,729,112	1,143,268	66.1	666,431	481,450	72.2	863,198	556,736	69.3	243,068	94,322	38.8	15,539	10,201	65.6
Middle Atlantic.....	5,357,256	3,370,818	62.9	2,584,645	1,744,091	67.5	1,989,990	1,297,558	65.2	683,873	271,942	39.8	95,194	54,780	57.5
East North Central.....	5,237,043	3,431,622	65.5	3,132,328	2,178,099	69.5	1,741,668	1,091,526	62.7	283,632	113,445	40.0	72,837	44,622	61.0
West North Central.....	3,574,334	2,425,414	67.9	2,186,578	1,546,055	70.7	1,186,613	783,075	66.0	122,672	50,060	40.8	64,065	37,229	58.1
South Atlantic.....	4,139,350	2,747,451	66.4	2,467,850	1,519,613	62.8	128,778	76,586	59.5	35,687	12,390	34.7	1,364,019	706,974	51.0
East South Central.....	2,889,349	1,673,263	57.9	1,883,753	1,191,822	63.3	52,743	31,189	59.1	6,953	2,741	39.4	944,880	447,230	47.3
West South Central.....	3,057,574	1,747,007	57.1	2,048,346	1,291,901	63.1	212,956	110,378	51.8	81,169	33,292	25.8	715,997	312,736	43.7
Mountain.....	741,754	487,447	65.8	457,696	317,047	69.4	210,851	143,144	67.9	42,574	16,311	38.3	4,170	2,561	60.7
Pacific.....	1,024,418	673,917	65.8	680,366	401,083	69.1	344,615	228,886	66.4	72,424	30,024	41.5	5,836	3,536	60.9
<b>NEW ENGLAND:</b>															
Maine.....	195,197	132,082	67.7	123,853	87,995	71.0	53,962	36,945	68.5	16,740	6,747	40.3	355	224	63.1
New Hampshire.....	111,634	73,447	65.8	52,646	37,974	72.1	43,577	30,091	69.1	15,259	5,334	35.0	138	77	55.5
Vermont.....	94,701	66,845	70.6	65,513	46,513	72.0	23,968	16,990	70.9	6,017	3,207	47.8	251	131	52.2
Massachusetts.....	881,024	588,029	66.7	278,717	205,518	73.7	459,778	323,327	70.3	133,312	53,082	39.8	8,797	5,820	66.5
Rhode Island.....	148,102	90,328	61.0	42,009	29,235	69.6	76,888	49,985	65.0	26,839	9,625	35.9	2,277	1,484	65.0
Connecticut.....	298,454	192,497	64.5	105,437	74,245	70.4	145,023	99,395	68.5	44,211	16,329	36.9	3,721	2,495	67.1
<b>MIDDLE ATLANTIC:</b>															
New York.....	2,454,428	1,563,374	63.7	963,517	663,316	68.8	1,033,610	709,245	67.3	407,790	174,186	42.7	27,192	15,392	55.9
New Jersey.....	708,525	440,606	62.2	302,995	204,166	67.4	294,673	191,544	65.0	88,889	32,242	36.3	21,832	12,892	59.1
Pennsylvania.....	2,194,303	1,366,541	62.3	1,318,133	876,009	66.5	641,707	396,769	61.8	187,214	65,514	35.0	46,170	26,696	57.8
<b>EAST NORTH CENTRAL:</b>															
Ohio.....	1,313,809	868,578	66.1	938,675	631,607	69.4	284,375	174,842	61.5	62,828	24,837	39.5	27,830	17,233	61.9
Indiana.....	777,889	513,629	66.0	664,781	448,378	67.5	85,074	50,633	59.5	12,327	4,612	37.4	15,560	9,699	62.3
Illinois.....	1,615,914	1,025,053	63.4	849,975	585,943	68.8	619,352	379,164	61.2	121,517	56,338	46.3	24,825	14,572	58.7
Michigan.....	796,887	539,739	67.7	372,377	268,925	72.2	305,753	243,380	66.5	32,306	23,464	44.7	3,994	2,561	64.1
Wisconsin.....	732,544	484,629	66.2	306,520	223,946	73.1	387,114	243,487	62.9	34,655	14,434	41.7	628	397	63.2
<b>WEST NORTH CENTRAL:</b>															
Minnesota.....	648,775	443,761	68.4	208,907	154,844	74.3	398,336	270,173	67.8	37,049	15,648	42.2	1,189	781	65.7
Iowa.....	673,222	469,678	69.6	442,128	321,966	72.8	212,946	139,323	65.4	16,142	5,928	36.7	3,866	2,485	64.0
Missouri.....	992,998	646,866	65.1	796,833	537,306	67.4	135,263	78,292	57.9	18,083	7,189	39.8	41,682	22,794	54.7
North Dakota.....	183,399	117,453	64.1	53,101	36,715	70.2	106,573	70,332	66.0	21,194	8,906	42.0	100	60	52.3
South Dakota.....	183,979	122,642	66.7	82,252	57,773	70.2	87,273	58,049	66.5	8,312	3,314	39.6	184	122	66.3
Nebraska.....	373,688	261,219	69.9	212,985	155,635	73.1	146,432	98,657	67.6	11,571	4,884	42.2	1,512	930	61.5
Kansas.....	515,156	363,695	70.6	388,371	280,598	72.2	99,790	67,941	68.1	10,321	4,211	40.8	15,549	10,047	64.6
<b>SOUTH ATLANTIC:</b>															
Delaware.....	57,922	35,304	60.9	37,422	21,790	63.6	8,478	5,103	60.2	1,949	959	50.4	4,078	5,815	57.7
Maryland.....	388,496	227,024	58.4	245,675	152,360	62.0	57,627	31,698	55.0	11,907	4,418	37.9	73,290	34,407	52.5
District of Columbia.....	79,249	50,859	64.2	43,082	28,794	66.7	10,463	7,079	67.6	2,047	1,018	49.7	23,593	14,000	59.3
Virginia.....	697,649	392,499	56.3	440,168	269,880	61.2	11,842	7,464	63.0	3,013	1,247	41.4	242,412	114,346	47.2
West Virginia.....	296,818	229,971	77.5	355,222	228,897	64.2	14,401	9,060	63.1	8,028	2,128	25.1	18,481	9,806	53.1
North Carolina.....	785,583	481,450	61.3	515,117	334,471	64.9	2,941	2,017	70.3	715	284	39.7	264,023	133,029	54.2
South Carolina.....	564,200	291,307	51.6	229,204	137,474	60.0	2,873	1,834	63.8	555	205	36.9	331,429	157,458	47.5
Georgia.....	927,865	480,378	51.9	477,830	289,880	60.7	7,309	4,627	64.2	1,596	664	41.6	439,485	185,191	42.1
Florida.....	243,911	128,659	52.7	124,330	74,638	60.0	12,942	7,071	54.3	5,318	1,704	32.0	101,285	44,634	44.1
<b>EAST SOUTH CENTRAL:</b>															
Kentucky.....	755,709	461,195	61.0	644,497	401,209	62.3	27,178	15,148	55.7	1,953	756	38.7	81,976	44,060	53.7
Tennessee.....	738,478	438,547	59.4	563,158	354,091	62.0	10,099	6,466	64.0	1,740	802	46.1	163,397	77,153	47.2
Alabama.....	750,337	385,449	51.4	410,331	244,992	59.7	10,414	6,369	60.5	2,073	844	40.7	327,176	137,191	40.7
Mississippi.....	644,805	388,072	60.2	265,767	191,530	72.1	5,082	3,266	64.9	1,187	339	28.6	372,331	192,838	51.8
<b>WEST SOUTH CENTRAL:</b>															
Arkansas.....	551,672	324,035	58.7	379,084	238,872	63.0	11,541	7,100	61.5	1,440	491	34.1	159,431	77,467	48.6
Louisiana.....	756,866	248,420	32.8	287,134	168,758	58.8	28,118	14,516	51.6	5,649	1,991	28.8	254,580	73,478	28.9
Oklahoma.....	386,323	283,816	73.8	454,481	311,274	68.5	31,134	21,488	69.0	3,368	1,443	42.8	48,718	31,083	63.8
Texas.....	1,363,713	790,736	58.0	927,647	582,997	62.8	142,173	67,276	47.3	40,703	9,067	22.3	292,868	130,708	51.7
<b>MOUNTAIN:</b>															
Montana.....	93,771	60,678	64.7	44,453	30,075	67.7	38,017	26,305	69.2	7,382	2,534	34.3	300	154	61.2
Idaho.....	96,819	65,779	68.0	67,046	47,213	70.4	25,635	18,066	70.5	2,998	1,040	34.7	89	50	56.0
Wyoming.....	35,776	23,029	64.3	22,297	14,991	67.2	10,148	6,792	66.9	2,481	792	31.9	286	142	49.7
Colorado.....	215,940	147,626	68.4	138,619	97,182	70.1	62,023	42,895	69.1	12,070	5,547	46.0	2,468	1,548	62.7
New Mexico.....	105,408	64,342	61.0	85,375	55,644	65.2	8,903	5,525	62.1	3,426	1,118	32.6	363	214	59.0
Arizona.....	56,897	30,355	53.4	23,167	15,468	66.8	14,712	8,436	57.3	7,658	2,704	35.3	416	251	60.3
Utah.....	121,016	85,006	70.2	67,961	50,668	74.6	46,504	31,771	68.3	5,279	2,321	44.0	196	112	57.1
Nevada.....	16,132	10,141	62.9	8,208	5,806	70.7	4,859	3,354	68.6	1,280	253	19.9	52	30	57.7
<b>PACIFIC:</b>															
Washington.....	293,478	195,259	66.5	165,137	114,415	69.3	102,201	69,148	67.7	20,605	9,062	44.0	906	515	56.6
Oregon.....	175,386	117,078	66.8</												

## SCHOOL ATTENDANCE OF CHILDREN 6 TO 14 YEARS OF AGE, BY DIVISIONS AND STATES: 1910.

[Per cent not shown where base is less than 100.]

Table 14 DIVISION AND STATE.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
<b>United States</b> .....	<b>16,822,374</b>	<b>13,706,982</b>	<b>81.4</b>	<b>9,946,610</b>	<b>8,308,428</b>	<b>83.9</b>	<b>4,065,777</b>	<b>3,579,718</b>	<b>88.0</b>	<b>609,769</b>	<b>501,808</b>	<b>82.3</b>	<b>2,146,116</b>	<b>1,280,949</b>	<b>69.7</b>
<b>GEOGRAPHIC DIVISIONS:</b>															
New England.....	1,020,848	938,171	91.9	403,222	373,507	92.6	519,533	478,982	92.2	88,456	76,948	87.0	9,206	8,367	90.9
Middle Atlantic.....	3,165,516	2,797,524	88.4	1,578,462	1,404,049	88.9	1,286,611	1,120,437	88.5	264,651	225,873	85.3	54,161	45,804	84.7
East North Central.....	3,113,033	2,774,423	89.1	1,930,669	1,727,919	89.5	1,020,472	909,619	89.1	116,544	98,096	84.1	41,344	35,566	86.0
West North Central.....	2,147,108	1,878,360	87.5	1,360,189	1,192,904	87.7	691,303	610,439	88.3	50,379	40,212	79.8	36,222	28,774	79.4
South Atlantic.....	2,601,537	1,829,989	70.3	1,531,021	1,188,906	76.7	78,516	63,769	81.2	14,881	10,474	71.8	955,261	565,475	59.2
East South Central.....	1,813,364	1,273,522	70.2	1,187,774	899,526	75.7	29,219	24,543	84.0	3,107	2,188	70.4	592,615	347,050	58.6
West South Central.....	1,929,188	1,336,748	69.3	1,300,469	979,578	75.3	132,312	87,600	66.2	25,272	16,881	62.3	451,767	245,121	54.3
Mountain.....	455,409	372,652	81.7	289,596	240,737	83.1	128,490	109,796	85.5	18,023	13,644	74.0	2,379	1,982	83.3
Pacific.....	886,371	506,153	56.3	345,209	208,502	60.3	199,227	174,533	87.6	28,967	23,992	82.9	3,161	2,730	87.0
<b>NEW ENGLAND:</b>															
Maine.....	117,355	104,674	89.2	74,927	67,677	90.3	35,202	31,214	88.4	6,855	5,578	81.0	182	166	90.7
New Hampshire.....	65,827	60,405	91.2	31,840	29,343	92.2	28,574	26,573	91.3	5,332	4,558	85.5	74	62	83.7
Vermont.....	57,413	53,242	92.9	30,205	28,370	93.1	15,048	14,010	93.3	2,926	2,812	96.1	129	118	91.6
Massachusetts.....	519,454	482,425	92.9	168,704	158,283	93.9	97,757	277,130	93.1	47,506	41,941	88.1	5,225	4,806	92.0
Rhode Island.....	88,276	75,760	85.8	24,851	22,632	91.2	48,008	43,543	90.8	10,136	8,356	82.4	1,323	1,160	87.7
Connecticut.....	175,523	161,921	92.3	63,506	58,874	92.6	94,044	87,063	92.6	15,580	13,902	89.2	2,274	2,057	90.5
<b>MIDDLE ATLANTIC:</b>															
New York.....	1,423,724	1,281,770	90.0	882,570	523,579	59.3	666,502	604,208	90.6	138,927	140,297	88.3	14,456	12,986	87.1
New Jersey.....	420,635	372,760	88.6	185,727	166,369	89.6	188,803	167,598	88.7	33,387	27,872	83.5	12,600	10,590	84.1
Pennsylvania.....	1,321,152	1,142,994	86.5	510,355	714,101	88.1	411,158	348,643	84.8	72,337	57,604	79.6	27,165	22,473	82.9
<b>EAST NORTH CENTRAL:</b>															
Ohio.....	773,270	694,638	89.8	568,219	513,328	90.3	163,451	145,881	89.2	25,799	21,679	84.0	15,735	13,742	87.2
Indiana.....	496,144	411,266	82.8	404,722	337,792	83.4	47,480	41,596	87.6	4,982	3,977	80.0	6,931	7,822	87.7
Illinois.....	953,808	837,719	87.8	525,570	463,609	88.2	365,683	321,953	88.0	42,275	40,448	83.8	14,020	11,636	83.0
Michigan.....	476,034	431,507	90.7	232,193	211,882	91.3	217,606	197,182	90.6	28,400	19,433	68.6	2,297	2,053	89.4
Wisconsin.....	443,787	399,095	89.9	199,785	181,308	90.8	226,232	203,037	89.7	14,938	12,550	84.1	341	303	88.9
<b>WEST NORTH CENTRAL:</b>															
Minnesota.....	389,622	346,172	88.8	135,742	120,518	88.8	236,744	211,063	89.2	13,444	12,340	86.0	649	554	86.0
Iowa.....	404,829	367,005	90.7	276,283	250,826	90.8	120,286	109,250	90.8	5,930	4,864	82.0	2,268	2,026	89.3
Missouri.....	502,803	504,844	85.2	489,274	418,100	85.5	72,288	62,654	86.7	7,697	6,218	80.7	23,465	17,811	75.9
North Dakota.....	114,294	92,223	80.7	34,807	28,790	82.7	68,653	55,493	81.5	9,823	6,784	70.0	56	43	78.9
South Dakota.....	112,910	93,998	83.3	52,702	44,419	84.1	52,771	44,653	84.6	3,445	2,909	82.9	110	95	86.4
Nebraska.....	223,284	201,329	90.2	132,454	119,323	90.1	84,554	76,807	90.8	8,468	9,374	85.1	819	720	87.9
Kansas.....	309,366	272,789	88.2	238,837	210,929	88.3	56,697	50,519	89.1	4,474	3,433	76.7	8,855	7,405	84.6
<b>SOUTH ATLANTIC:</b>															
Delaware.....	34,489	28,257	81.9	22,425	18,704	83.4	5,188	4,329	83.4	701	532	75.9	6,172	4,689	76.0
Maryland.....	235,866	180,245	80.2	150,705	125,551	83.3	34,609	27,774	80.0	5,210	3,936	75.5	45,233	31,968	70.7
District of Columbia.....	44,719	38,775	86.7	24,706	21,767	87.8	6,080	5,392	88.7	906	782	86.4	12,910	10,807	83.7
Virginia.....	440,920	301,007	68.3	278,205	203,703	73.2	7,355	5,882	80.0	1,410	1,006	71.3	133,827	90,367	68.7
West Virginia.....	247,341	204,076	82.5	231,980	186,769	80.9	9,105	7,532	82.9	2,841	1,878	66.1	16,404	9,727	76.2
North Carolina.....	498,551	357,412	71.7	325,555	246,294	75.7	1,802	1,514	84.0	339	214	64.8	109,034	108,200	64.0
South Carolina.....	357,509	223,966	62.6	143,332	103,353	72.1	1,741	1,418	81.4	227	164	72.2	212,125	118,981	56.1
Georgia.....	589,736	386,744	65.6	302,668	226,356	74.8	4,364	3,604	82.5	675	513	76.0	218,270	156,238	55.4
Florida.....	152,394	100,507	66.0	78,321	56,467	72.1	8,282	6,304	76.1	2,282	1,449	63.5	63,486	36,278	57.1
<b>EAST SOUTH CENTRAL:</b>															
Kentucky.....	499,180	356,698	71.3	406,263	309,968	76.3	14,091	12,269	87.1	720	603	83.8	48,089	33,761	70.1
Tennessee.....	455,703	328,474	72.1	331,218	264,147	79.5	5,723	4,787	83.6	782	617	78.9	97,927	58,805	60.1
Alabama.....	477,048	291,340	61.1	260,867	182,726	70.0	6,415	5,012	78.1	998	701	70.2	208,548	102,813	49.3
Mississippi.....	411,433	297,100	72.2	196,426	142,696	84.2	7,987	2,475	82.9	607	267	44.0	238,101	151,581	63.7
<b>WEST SOUTH CENTRAL:</b>															
Arkansas.....	345,282	241,938	70.1	238,328	178,097	74.7	7,778	5,500	81.2	864	582	66.8	99,383	67,572	67.8
Louisiana.....	386,354	200,143	51.6	184,302	106,106	58.4	17,263	12,028	69.7	2,563	1,299	50.1	101,969	60,584	58.4
Oklahoma.....	358,376	291,517	81.3	288,254	236,826	82.2	18,983	16,227	85.5	1,478	1,120	75.8	30,818	22,381	72.5
Texas.....	859,176	603,148	70.2	589,581	438,349	74.3	89,286	53,842	60.3	30,547	7,880	25.4	159,997	103,014	66.5
<b>MOUNTAIN:</b>															
Montana.....	56,664	46,879	82.7	27,619	23,055	83.5	23,292	20,881	89.6	2,627	1,988	76.1	166	138	83.1
Idaho.....	60,384	49,579	82.1	43,191	35,427	82.0	15,499	13,039	84.1	1,947	798	76.2	45	33	.....
Wyoming.....	21,061	17,793	84.5	13,560	11,507	84.9	6,143	5,278	85.9	881	673	76.4	137	116	84.7
Colorado.....	129,853	112,568	86.7	84,634	73,083	86.4	37,779	33,407	88.4	5,619	4,591	81.7	1,429	1,220	85.4
New Mexico.....	66,610	48,533	72.9	44,368	41,812	94.2	5,682	4,269	75.1	1,508	901	56.6	210	155	73.8
Arizona.....	35,271	23,691	67.2	14,857	11,962	80.4	9,497	6,848	72.1	3,762	2,818	61.5	254	207	81.5
Utah.....	76,152	65,214	85.6	46,139	39,387	85.4	27,040	23,777	87.9	2,245	1,874	83.5	106	80	83.1
Nevada.....	9,412	7,833	83.2	5,228	4,014	86.3	2,927	2,600	88.8	249	191	76.7	32	27	.....
<b>PACIFIC:</b>															
Washington.....	171,745	147,219	85.7	99,628	85,458	85.9	60,530	52,994	86.9	8,674	7,278	83.9	480	390	81.3
Oregon.....	101,642	86,414	85.6	70,965	60,059	85.1	26,074	22,755	87.3	2,984	2,469	82.7	102	79	77.5
California.....	313,584	272,520	86.9	175,116	152,985	87.4	112,614								

SCHOOL ATTENDANCE OF URBAN AND RURAL POPULATION, BY AGE PERIODS, FOR DIVISIONS: 1910.

Table 15 DIVISION AND CLASS OF POPULATION.	PERSONS 6 TO 20 YEARS OF AGE.		PERSONS 3 TO 9 YEARS OF AGE.		PERSONS 10 TO 14 YEARS OF AGE.		PERSONS 15 TO 20 YEARS OF AGE.		OTHERS ATTENDING SCHOOL.					
	Total number of persons attending school.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Under 6 years of age.	21 years of age or over.			
		Total.	Per cent.		Number.	Per cent.		Number.	Per cent.			Number.	Per cent.	
<b>UNITED STATES</b>														
Urban, total.....	7,490,020	11,820,193	7,096,699	61.6	2,983,407	2,442,305	81.7	7,627,408	3,326,340	91.7	4,903,378	37.1	212,994	168,057
Male.....	3,700,074	5,641,956	5,406,098	62.8	1,495,259	1,222,532	81.8	3,758,218	1,649,907	91.6	2,346,773	192,709	26.6	190,546
Female.....	3,789,946	5,878,927	3,602,930	61.3	1,403,138	1,219,872	81.7	1,829,190	1,676,433	91.6	2,556,599	705,615	27.6	106,448
Native white.....	6,563,548	9,582,699	6,239,188	65.2	2,612,527	2,165,324	82.0	7,123,057	2,988,229	92.8	3,847,195	1,175,625	30.6	174,129
Native percentage.....	3,640,349	5,265,418	4,603,718	65.9	1,421,524	1,138,399	80.1	5,094,700	1,961,300	92.7	2,148,725	741,939	34.5	148,383
Foreign or mixed parentage.....	2,923,019	4,327,191	2,777,470	64.2	1,100,433	1,066,925	84.0	1,438,238	1,338,879	92.9	1,608,473	433,666	26.5	105,299
Foreign-born white.....	517,636	1,201,468	478,666	39.8	192,117	154,575	80.5	275,768	243,578	88.3	733,583	90,713	11.0	10,667
Negro.....	399,785	1,226,428	375,901	31.7	182,742	120,910	66.3	182,955	182,955	100.0	314,469	70,227	22.6	8,622
Rural, total.....	10,829,871	16,230,468	10,201,235	62.9	4,735,827	3,236,015	68.3	13,749,732	6,216,322	85.8	6,014,427	2,262,888	37.6	185,437
Male.....	5,192,290	7,841,258	7,406,259	62.8	2,406,618	1,634,147	67.9	12,855,233	2,886,198	85.1	5,470,873	1,145,422	20.9	60,626
Female.....	5,192,290	7,946,978	5,035,438	62.9	2,335,809	1,601,868	68.6	6,276,197	2,126,124	33.6	2,934,972	1,117,446	38.1	93,411
Native white.....	9,641,218	13,096,216	8,781,081	67.1	3,839,852	2,815,707	73.3	11,497,021	4,065,876	90.6	4,819,243	1,859,408	38.7	164,883
Native percentage.....	7,470,634	10,721,075	7,529,478	67.3	3,209,403	2,339,529	72.7	11,689,514	3,266,111	89.7	3,972,028	1,638,895	41.5	127,736
Foreign or mixed parentage.....	1,194,184	2,344,241	1,514,618	65.8	639,549	496,149	77.6	4,377,507	790,905	90.7	1,815,283	305,694	33.7	32,277
Foreign-born white.....	153,570	349,575	125,781	36.9	59,222	38,744	65.3	82,522	65,114	78.9	298,691	21,923	11.0	3,388
Negro.....	2,660,428	1,245,938	51,901	4.7	808,108	308,904	38.4	629,843	609,941	96.8	901,542	207,828	23.1	20,538
<b>NEW ENGLAND.</b>														
Urban, total.....	1,016,137	1,448,039	947,681	65.4	383,387	344,472	89.8	464,354	436,407	94.0	600,298	166,802	27.8	49,856
Male.....	507,107	717,956	471,399	65.7	192,702	175,405	90.6	231,526	217,999	94.2	293,578	79,983	27.2	24,802
Female.....	509,030	730,073	476,272	65.2	190,625	171,067	89.7	232,828	218,408	93.8	306,720	86,817	28.3	24,834
Native white.....	911,151	1,296,326	850,200	65.5	347,737	314,250	90.4	418,142	387,150	94.6	450,449	148,800	33.1	17,784
Native percentage.....	368,281	472,827	342,644	72.5	149,519	114,917	77.0	156,926	149,549	95.3	189,326	70,351	37.1	10,415
Foreign or mixed parentage.....	542,870	733,506	507,760	69.2	230,771	199,333	86.3	252,580	237,948	94.2	260,145	75,449	29.1	29,661
Foreign-born white.....	94,751	227,188	87,678	38.6	31,878	26,928	84.5	32,483	24,792	76.3	144,827	16,226	11.2	2,447
Negro.....	9,901	14,028	2,280	66.2	2,467	2,286	92.7	4,599	4,398	95.6	7,092	1,496	21.0	206
Rural, total.....	204,901	281,073	195,887	69.7	77,905	67,289	86.3	95,262	90,093	94.6	107,908	38,305	35.5	7,838
Male.....	104,038	145,218	98,627	67.9	39,122	34,110	86.3	49,009	46,214	94.3	56,688	18,293	32.3	3,817
Female.....	102,053	135,855	96,960	71.4	38,384	33,159	86.4	46,193	43,879	94.8	51,278	19,992	39.0	3,821
Native white.....	183,505	253,255	169,640	67.0	63,827	54,200	84.9	74,827	69,887	93.3	84,800	33,141	39.1	1,785
Native percentage.....	146,672	193,574	130,040	71.8	53,340	46,366	86.9	66,361	63,058	95.0	73,783	29,622	40.1	5,395
Foreign or mixed parentage.....	51,300	60,692	48,700	70.3	21,647	18,568	85.7	24,235	23,105	94.2	23,200	7,405	31.1	2,089
Foreign-born white.....	6,578	15,478	5,163	33.4	2,386	1,932	80.9	1,932	1,932	100.0	6,081	1,428	23.8	417
Negro.....	954	1,511	921	61.0	117	120	102.7	368	452	91.7	360	141	33.5	27
<b>MIDDLE ATLANTIC.</b>														
Urban, total.....	2,437,693	3,771,779	2,314,064	61.4	891,641	833,549	84.1	1,195,112	1,106,969	92.8	1,885,026	373,546	23.6	78,385
Male.....	1,221,185	1,848,648	1,183,843	62.3	496,436	418,443	84.3	594,770	553,006	93.0	757,242	179,394	23.7	39,533
Female.....	1,216,498	1,923,131	1,130,221	60.5	495,495	415,106	83.9	600,342	553,963	92.3	827,784	194,152	23.5	38,852
Native white.....	1,865,210	2,407,122	1,612,333	67.0	612,333	542,033	88.7	782,433	719,033	92.0	1,190,419	248,800	20.8	68,852
Native percentage.....	1,000,530	1,445,372	952,289	65.9	393,658	331,542	84.2	472,034	420,720	93.4	579,680	179,971	31.0	29,008
Foreign or mixed parentage.....	1,135,890	1,661,749	1,080,545	65.0	497,712	412,016	84.5	653,223	533,733	92.9	610,814	146,256	23.8	43,173
Foreign-born white.....	226,714	527,188	220,274	41.8	97,153	75,153	77.3	102,433	92,515	90.2	372,513	41,226	11.1	2,417
Negro.....	44,011	72,286	41,655	57.4	18,505	14,696	79.4	22,334	20,285	90.8	31,747	6,674	21.0	1,505
Rural, total.....	1,093,680	1,585,477	1,056,754	66.7	447,789	360,627	80.5	530,974	496,379	93.5	806,714	194,748	32.9	21,643
Male.....	553,727	817,802	536,356	65.0	226,731	182,669	80.5	271,217	254,047	93.7	319,854	99,800	31.2	10,643
Female.....	537,953	767,675	520,398	67.8	221,058	178,118	80.6	259,757	242,332	93.3	286,860	99,948	34.8	11,000
Native white.....	927,115	1,407,514	1,008,815	68.7	428,608	345,013	81.0	602,922	471,892	93.9	539,064	191,529	35.8	20,919
Native percentage.....	818,427	1,139,273	791,492	69.5	322,944	263,992	81.7	330,276	308,155	93.5	423,063	103,575	25.5	15,360
Foreign or mixed parentage.....	224,688	328,241	217,013	66.1	105,364	81,421	78.6	112,116	104,727	92.5	112,511	31,853	28.3	5,329
Foreign-born white.....	34,478	92,544	32,716	35.4	11,134	10,313	71.4	12,236	12,370	100.0	36,884	4,538	8.0	402
Negro.....	13,003	22,608	13,123	58.1	6,008	4,411	73.4	7,314	6,475	88.5	9,286	2,239	24.1	290
<b>EAST NORTH CENTRAL.</b>														
Urban, total.....	1,680,901	2,500,115	1,998,222	61.7	665,276	569,718	84.1	810,392	762,730	92.9	1,114,447	287,777	25.6	43,561
Male.....	837,908	1,270,471	792,039	62.1	303,402	250,428	84.2	402,693	373,007	93.3	540,806	136,995	25.3	21,993
Female.....	842,993	1,229,644	806,183	62.3	361,874	319,290	88.2	407,699	389,723	95.4	573,641	150,782	26.3	21,568
Native white.....	1,552,720	2,312,243	1,479,644	64.0	612,624	517,493	84.5	744,358	695,790	92.2	955,351	268,361	28.1	41,185
Native percentage.....	865,069	1,200,654	804,446	66.7	331,660	281,488	85.5	374,269	339,399	93.8	492,295	163,639	33.2	20,071
Foreign or mixed parentage.....	75,616	1,105,599	416,678	42.2	281,616	288,230	102.5	309,908	304,341	92.6	618,151	148,437	24.0	13,516
Foreign-born white.....	95,615	225,702	67,512	38.8	40,059	31,803	79.4	60,074	44,269	74.4	135,569	11,440	8.4	1,912
Negro.....	31,973	51,428	30,631	59.6	12,455	10,394	82.7	15,850	14,482	91.4	23,123	5,485	23.3	454
Rural, total.....	1,885,102	2,646,928	1,833,400	63.9	749,988	613,867	82.8	896,367	848,111	94.6	1,069,563	371,422	36.8	37,316
Male.....	907,946	1,358,618	935,449	68.9	376,519	311,862	82.7	458,215	433,764	96.6	523,284	189,823	36.3	18,490
Female.....	977,156	1,288,310	897,951	69.7	373,479	302,005	80.9	438,152	414,347	94.6	546,279	181,599	33.8	18,828
Native white.....	1,849,465	2,561,753	1,789,981	69.9	722,570	600,982	83.0	871,679	826,163	94.8	967,504	363,726	37.6	36,927
Native percentage.....	1,417,289	1,924,774	1,373,063	71.3	560,441	464,288	82.8	635,869	622,744	94.9	709,364	286,771	40.4	20,967
Foreign or mixed parentage.....	42,726	626,079	210,419	42.2	161,229	135,804	84.3	215,810	203,419	94.2	288,166	47,152	16.4	3,024
Foreign-born white.....	27,628	57,930	25,933	44.8	10,568	8,497	77.5	15,253	13,527	88.7	31,719	3,069	12.3	336
Negro.....	14,162													

## SCHOOL ATTENDANCE OF URBAN AND RURAL POPULATION, BY AGE PERIODS, FOR DIVISIONS: 1910—Continued.

Table 15—Continued.

DIVISION AND CLASS OF POPULATION.	PERSONS 6 TO 20 YEARS OF AGE.		PERSONS 6 TO 9 YEARS OF AGE.		PERSONS 10 TO 14 YEARS OF AGE.		PERSONS 15 TO 20 YEARS OF AGE.		OTHERS ATTENDING SCHOOL.						
	Total number of persons attending school.	Total number.	Total number.	Per cent.	Total number.	Per cent.	Total number.	Per cent.	Under 6 years of age.	21 years of age and over.					
<b>SOUTH ATLANTIC.</b>															
Urban, total.....	505,467	877,545	486,850	55.5	228,570	157,862	68.3	277,184	231,355	83.5	371,481	97,423	26.2	7,806	12,811
Male.....	242,450	426,314	231,536	55.2	113,900	77,808	68.0	135,475	111,446	82.3	170,949	42,584	24.9	3,750	6,004
Female.....	304,417	457,231	255,314	55.7	114,980	80,056	69.6	141,709	119,909	84.6	200,542	54,840	27.4	4,056	5,147
Native white.....	361,215	587,909	347,678	59.1	156,902	115,098	71.8	187,781	163,190	86.9	245,228	71,424	29.6	5,115	8,422
Native percentage.....	305,435	495,925	294,275	59.4	131,794	95,970	71.3	157,392	136,899	87.0	206,649	63,406	30.7	3,100	7,230
Foreign or mixed parentage.....	145,780	92,084	53,073	58.0	25,108	18,728	74.6	30,598	26,207	86.2	36,507	8,408	23.1	1,205	1,182
Foreign-born white.....	9,479	6,858	3,400	38.1	1,608	1,102	68.2	1,402	1,102	78.6	1,372	16.0	1.2	718	718
Negro.....	135,833	265,742	130,070	48.9	67,608	42,188	62.3	83,573	65,716	78.6	114,471	24,166	21.1	2,559	2,574
Rural, total.....	1,911,977	3,262,214	1,860,801	57.0	976,609	673,057	68.3	1,118,874	847,715	77.6	1,166,721	420,620	36.0	25,867	25,300
Male.....	955,370	1,644,228	928,827	56.5	493,188	287,643	58.7	511,690	366,755	71.9	579,400	207,239	35.8	12,652	13,391
Female.....	956,607	1,617,986	931,974	57.6	483,421	385,514	69.1	547,184	480,960	87.9	587,321	212,790	36.2	13,215	11,418
Native white.....	1,315,082	2,068,719	1,278,224	61.9	599,204	396,997	66.3	685,660	579,374	84.6	723,963	301,630	41.7	17,151	19,734
Native percentage.....	1,201,063	1,972,025	1,255,338	63.7	588,649	389,250	66.1	673,497	567,887	84.6	710,188	297,301	41.9	15,245	18,290
Foreign or mixed parentage.....	24,019	36,694	20,809	61.2	10,566	7,747	73.3	12,453	11,829	94.9	15,675	4,349	28.1	382	434
Foreign-born white.....	9,479	6,858	3,400	38.1	1,608	1,102	68.2	1,402	1,102	78.6	1,372	16.0	1.2	718	718
Negro.....	501,194	1,238,277	575,934	46.6	374,324	174,277	46.6	429,666	285,294	66.4	434,287	117,333	27.0	7,992	6,298
<b>EAST SOUTH CENTRAL.</b>															
Urban, total.....	283,742	445,707	254,486	57.1	114,096	79,860	70.0	140,297	120,454	85.8	191,314	54,172	28.3	3,993	5,263
Male.....	125,005	210,277	120,026	56.3	56,572	39,133	69.2	68,261	57,747	84.5	88,844	23,146	26.2	1,900	3,079
Female.....	158,737	235,430	134,460	57.8	57,524	40,727	70.8	71,936	62,707	87.2	102,470	31,026	30.1	2,093	2,184
Native white.....	187,252	297,894	181,054	60.8	77,883	57,159	73.4	94,506	84,706	89.6	125,065	39,108	31.2	2,523	3,675
Native percentage.....	166,222	262,666	160,689	61.2	70,144	51,677	72.8	83,574	74,385	89.5	109,138	35,947	34.9	2,206	3,327
Foreign or mixed parentage.....	21,030	35,228	29,365	83.5	7,129	6,050	85.7	11,132	10,724	96.2	16,367	4,221	4.1	917	948
Foreign-born white.....	2,086	4,513	1,901	41.9	773	517	72.9	1,123	932	83.0	2,617	388	14.8	10	167
Negro.....	74,376	143,233	71,519	49.9	35,433	22,336	62.5	44,646	34,704	78.0	63,154	14,579	23.1	1,440	1,417
Rural, total.....	1,468,149	2,442,842	1,415,777	58.1	729,926	492,968	68.6	829,946	645,242	78.6	884,671	345,569	39.1	26,538	21,113
Male.....	739,841	1,232,972	714,843	58.0	369,577	241,919	65.2	425,001	324,921	76.4	438,394	175,003	39.9	12,828	11,773
Female.....	728,608	1,209,870	700,934	57.8	360,349	251,049	69.7	404,945	320,321	79.1	446,277	170,566	38.2	11,710	9,340
Native white.....	1,079,921	1,638,062	1,044,367	63.8	492,401	318,051	64.0	523,203	464,162	88.1	593,998	259,744	43.7	18,282	16,782
Native percentage.....	1,065,631	1,621,097	1,013,133	63.6	487,946	314,929	64.5	546,210	468,935	86.0	586,814	257,249	43.8	17,363	16,565
Foreign or mixed parentage.....	21,030	35,228	29,365	83.5	7,129	6,050	85.7	11,132	10,724	96.2	16,367	4,221	4.1	917	948
Foreign-born white.....	937	2,540	803	31.6	522	272	52.1	689	433	59.9	1,229	163	13.4	10	77
Negro.....	388,412	801,647	375,711	46.9	236,706	109,565	46.3	275,830	180,455	65.5	259,111	85,601	29.6	8,453	4,248
<b>WEST SOUTH CENTRAL.</b>															
Urban, total.....	342,290	571,407	329,820	57.6	154,521	100,654	64.6	181,580	156,897	86.5	235,006	72,339	31.0	4,230	7,580
Male.....	164,501	274,307	157,590	57.7	77,403	49,541	63.0	89,184	76,287	85.5	107,739	32,128	29.8	4,305	4,305
Female.....	177,789	297,100	172,230	57.1	77,118	51,113	66.2	92,396	80,610	87.2	127,270	40,211	32.0	0	3,275
Native white.....	268,273	422,218	258,881	61.2	116,822	78,006	66.6	135,514	121,189	89.4	169,882	59,927	34.9	3,502	6,100
Native percentage.....	229,778	355,539	221,411	62.3	99,166	67,078	67.6	116,540	102,653	88.1	142,584	44,314	31.8	3,042	4,744
Foreign or mixed parentage.....	38,488	62,848	38,488	100.0	14,705	14,576	100.0	24,066	24,707	102.9	32,422	7,617	24.6	599	719
Foreign-born white.....	6,740	17,962	6,384	35.5	3,535	1,709	48.1	5,121	3,169	62.7	9,300	1,165	12.5	111	305
Negro.....	6,999	129,316	6,350	41.1	33,944	19,531	58.5	40,828	35,666	88.6	59,906	11,993	20.1	1,109	1,310
Rural, total.....	1,452,810	2,486,167	1,417,127	57.0	707,836	418,792	59.3	824,951	600,815	72.9	893,380	347,420	37.8	16,461	19,232
Male.....	725,882	1,259,903	717,658	56.9	384,065	210,668	54.8	426,425	333,834	78.3	449,883	172,556	38.4	7,932	10,420
Female.....	726,928	1,226,264	699,469	57.1	323,741	208,144	55.7	408,526	307,021	75.1	443,997	164,764	37.1	8,519	10,232
Native white.....	1,171,738	1,839,094	1,143,698	62.2	564,512	341,243	60.4	615,930	526,451	85.5	658,652	276,044	41.9	12,776	15,294
Native percentage.....	1,097,145	1,692,987	1,070,490	63.2	521,628	324,366	61.6	565,738	488,499	86.3	606,996	260,843	43.1	12,135	14,589
Foreign or mixed parentage.....	74,163	146,107	73,208	60.1	22,854	20,993	96.4	50,197	37,854	75.6	63,056	15,061	28.6	641	704
Foreign-born white.....	7,187	33,108	6,808	20.5	6,721	1,674	24.9	9,985	3,788	38.3	16,082	1,346	8.1	43	391
Negro.....	235,944	586,281	249,229	42.5	177,558	70,527	39.7	199,983	125,077	62.5	208,749	55,622	26.6	3,367	5,336
<b>MOUNTAIN.</b>															
Urban, total.....	173,546	264,327	165,789	67.3	68,328	52,289	78.8	78,963	72,998	92.5	101,953	46,394	37.7	2,995	4,762
Male.....	88,156	128,888	81,178	68.9	38,828	28,829	74.3	38,968	36,189	92.9	49,013	18,533	37.8	1,561	2,511
Female.....	85,390	125,439	84,607	67.7	33,121	26,999	78.8	39,994	36,719	92.4	52,924	21,869	41.5	1,432	2,291
Native white.....	164,025	228,349	156,933	68.2	62,471	49,474	79.2	72,999	68,622	94.0	91,779	38,831	42.5	2,850	4,042
Native percentage.....	140,703	197,871	129,969	69.8	51,929	38,554	74.2	54,843	51,422	94.1	67,413	27,413	40.6	2,411	3,278
Foreign or mixed parentage.....	61,498	87,678	59,424	67.8	22,917	18,389	80.3	28,645	27,001	94.2	36,105	14,024	38.8	1,188	3,436
Foreign-born white.....	7,316	15,778	6,775	43.1	2,936	2,131	72.6	3,975	3,400	85.5	8,307	1,034	12.8	99	442
Negro.....	1,890	2,966	1,829	61.4	882	601	68.0	839	627	74.6	1,274	880	69.9	42	28
Rural, total.....	331,648	495,417	322,158	65.0	149,470	100,601	69.3	161,557	143,228	88.7	184,990	75,131	40.9	4,373	5,114
Male.....	170,852	269,222	165,957	63.8	75,823	52,924	69.8	83,433	73,853	88.6	100,256	39,200	39.0	2,172	3,103
Female.....	160,796	235,895	156,561	66.4	73,657	51,077	69.3	78,124	69,293	88.7	84,134	36,211	43.0	2,201	2,011
Native white.....	270,703	397,909	279,969	69.8	119,259	98,124	82.3	140,203	140,729	100.4	149,727	82,673	55.3	3,042	4,042
Native percentage.....	225,675	317,925	219,338	61.1	100,183	71,854	71.7	105,506	96,187	91.2	112,226	51,497	45.9	3,075	3,062
Foreign or mixed parentage.....	46,028	123,183	83,720	68.0	35,737	26,280	73.5	41,660	38,116	92.6	46,266	19,444	41.8	989	3,139
Foreign-born white.....	19,035	26,856	18,907	70.4	5,033	3,029	60.3								

PRINCIPAL CITIES: 1909-10.

Statistics of school attendance in cities having 100,000 inhabitants or more in 1910 are given in Tables 16 and 17. Table 16 relates to the population 6 to 20 years of age and gives details by color or race, nativity, and parentage. A similar statement for cities having from 25,000 to 100,000 inhabitants is given in Table 18, pages 233 to 235. By reason of the peculiar interest which attaches to the population from 6 to 14 years of age—the ages of customary school attendance—statistics for this group are presented for the larger cities in Table 17, page 232.

In the larger cities the proportion of persons from 6 to 20 years of age attending school in 1909-10 ranged from 51 per cent in Richmond to 69.8 per cent in Cambridge. High percentages of school attendance (65 or over) are shown for Boston, Cambridge, Denver, Los Angeles, New Haven, Oakland, and Worcester, and comparatively low percentages (under 55) for Atlanta, Baltimore, Birmingham, Memphis, New Orleans, and Richmond. The fact that cities with a small percentage of school attendance are found almost entirely in the South is largely, but not wholly, explained by the large negro population in southern cities.

SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES OF 100,000 INHABITANTS OR MORE: 1910.

[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.								
			Native parentage.		Foreign or mixed parentage.										
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.							
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	Number.	Per cent.				
Albany, N. Y.	23,794	14,816	62.3	13,553	8,948	66.0	8,498	5,115	60.2	1,521	625	41.1	220	128	58.2
Atlanta, Ga.	42,981	25,337	54.3	25,788	14,849	57.6	1,977	1,296	64.0	883	258	44.3	14,630	6,963	47.6
Baltimore, Md.	153,586	79,933	52.0	81,680	49,423	59.8	41,411	21,979	53.1	9,763	3,737	38.3	20,715	10,244	49.6
Birmingham, Ala.	36,829	20,133	54.5	19,150	11,065	57.8	3,050	1,798	58.8	707	294	41.6	14,025	6,978	49.8
Boston, Mass.	109,116	115,210	68.1	40,446	26,933	73.3	97,928	19,759	72.2	28,193	13,160	46.7	2,455	1,630	67.2
Bridgport, Conn.	26,958	16,262	60.4	7,355	4,958	67.4	14,118	9,449	66.9	5,200	1,688	32.5	264	167	63.3
Buffalo, N. Y.	120,566	73,412	61.0	40,594	25,667	66.7	67,328	41,267	61.1	11,928	4,911	41.2	302	191	63.2
Cambridge, Mass.	27,426	19,152	69.8	16,664	9,035	75.7	15,860	11,646	73.0	3,990	1,583	44.1	1,227	868	72.2
Chicago, Ill.	594,012	329,017	55.2	129,407	67,329	67.4	368,813	224,172	60.9	85,414	33,005	37.3	7,226	4,443	61.7
Cincinnati, Ohio.	93,618	55,474	59.3	55,631	33,595	62.9	30,104	16,730	55.6	4,523	1,884	41.6	3,952	2,261	57.2
Cleveland, Ohio.	150,887	92,094	61.0	39,681	27,520	70.4	84,619	52,944	62.6	25,570	10,656	41.7	1,591	962	60.5
Columbus, Ohio.	44,354	27,621	62.3	31,770	20,564	64.7	8,474	4,970	58.7	1,389	578	41.9	2,717	1,506	55.6
Dayton, Ohio.	28,726	17,624	61.4	20,590	12,976	64.0	6,063	3,547	59.1	1,408	521	37.0	1,022	580	56.8
Denver, Colo.	51,983	34,537	66.5	27,775	19,012	68.5	19,962	13,294	66.9	3,116	1,549	49.7	1,044	643	61.7
Detroit, Mich.	122,979	69,808	56.8	34,305	21,848	63.5	68,899	40,132	57.4	18,577	7,132	38.5	1,121	647	57.8
Fall River, Mass.	36,235	22,819	63.0	5,124	3,883	75.8	22,802	15,351	67.3	8,236	3,543	43.0	64	40	—
Grand Rapids, Mich.	30,138	19,410	63.5	10,975	7,422	67.2	16,262	10,387	63.9	2,760	1,262	45.4	119	69	58.0
Indianapolis, Ind.	56,997	35,014	61.4	40,728	25,653	63.0	9,615	5,829	59.1	1,437	1,096	34.7	4,902	2,970	60.5
Jersey City, N. J.	78,300	47,198	59.3	27,760	18,128	65.3	40,657	25,306	62.2	8,994	2,952	34.3	1,282	811	63.3
Kansas City, Mo.	57,467	34,220	59.5	35,933	23,257	61.1	12,500	7,541	60.4	2,345	1,043	44.5	4,548	2,370	52.1
Los Angeles, Cal.	69,036	44,995	65.2	38,826	26,211	67.5	27,514	14,539	52.9	6,287	3,073	46.7	1,738	1,100	63.3
Louisville, Ky.	60,690	39,762	65.8	39,593	23,531	61.0	11,730	6,352	55.9	1,000	583	38.3	9,374	5,296	56.5
Lowell, Mass.	28,370	17,603	61.9	5,287	3,868	73.9	17,196	11,634	67.7	4,055	2,047	53.8	29	13	—
Memphis, Tenn.	32,462	17,169	52.9	16,161	9,744	60.3	2,952	1,798	61.0	722	278	38.5	12,617	5,343	42.3
Milwaukee, Wis.	109,078	63,218	58.0	30,854	21,076	68.3	67,332	37,904	56.3	10,723	4,137	38.9	145	79	54.5
Minneapolis, Minn.	75,611	46,655	61.3	25,609	17,939	69.9	42,371	27,332	64.6	7,182	3,947	55.0	406	270	66.7
Nashville, Tenn.	31,803	18,191	57.2	19,315	11,506	59.6	1,670	1,092	65.4	1,266	1,158	55.2	10,531	5,401	52.1
New Haven, Conn.	28,370	17,603	61.9	5,287	3,868	73.9	17,196	11,634	67.7	4,055	2,047	53.8	29	13	—
New Orleans, La.	98,468	52,799	53.5	50,860	32,569	64.3	15,004	8,190	52.5	2,276	897	39.4	24,885	11,129	44.5
New York, N. Y.	1,334,357	828,720	62.1	307,697	206,893	67.2	690,672	471,677	67.3	315,400	140,522	44.6	17,681	9,417	54.8
Manhattan Borough	629,659	369,819	58.9	307,078	203,670	67.4	315,529	218,251	67.8	204,648	87,990	42.0	10,534	6,282	61.1
Brooklyn Borough	112,812	69,889	61.9	57,755	34,590	60.6	70,616	45,343	65.6	17,529	7,656	43.7	867	522	60.1
Queens Borough	471,767	265,659	56.4	153,618	89,312	67.8	247,149	141,418	65.8	86,829	40,770	47.4	4,766	2,582	54.8
Richmond Borough	82,630	67,618	81.0	51,329	37,640	73.6	16,725	31,677	67.6	6,504	2,829	44.0	1,766	106	61.1
	56,089	17,611	70.2	9,972	7,459	74.6	12,866	5,908	72.6	7,853	1,067	12.0	510	194	68.9
Newark, N. J.	97,544	61,010	63.5	30,348	20,460	67.4	48,836	32,846	67.3	16,250	7,283	44.8	2,087	1,318	63.2
Oakland, Cal.	34,153	22,553	65.2	13,143	9,929	70.2	16,963	10,359	61.1	5,968	1,227	46.3	333	225	61.0
Omaha, Neb.	28,085	16,424	58.5	15,887	9,321	62.1	14,324	9,268	64.7	2,317	1,654	45.5	741	454	61.3
Paterson, N. J.	36,457	21,729	59.7	9,608	5,799	60.4	20,979	13,265	63.2	6,046	2,502	41.4	396	210	57.4
Philadelphia, Pa.	410,243	237,333	57.9	171,550	105,029	61.2	109,244	101,647	68.1	52,570	21,291	40.7	16,939	9,323	54.8
Pittsburgh, Pa.	146,609	85,777	58.5	55,570	35,336	63.9	68,814	41,049	59.7	16,600	5,813	35.0	5,605	3,368	60.1
Portland, Ore.	45,272	27,187	60.1	15,703	10,324	65.7	15,829	10,771	67.9	4,408	1,927	43.7	496	319	64.3
Providence, R. I.	57,529	35,369	61.3	15,302	10,583	69.2	30,168	19,960	66.2	10,863	5,990	36.7	1,177	743	63.1
Richmond, Va.	35,271	17,986	51.0	20,012	11,265	56.0	1,839	1,104	56.6	446	212	47.5	12,873	5,465	42.5
Rochester, N. Y.	54,998	35,712	63.4	27,225	14,891	67.0	25,363	15,624	61.6	7,227	3,129	43.3	176	106	60.7
St. Louis, Mo.	181,462	101,320	55.9	94,019	56,588	59.8	65,495	34,944	53.4	12,275	4,825	39.6	8,997	4,897	55.9
St. Paul, Minn.	56,346	37,187	66.2	15,708	10,363	66.0	35,262	21,922	62.2	4,408	1,927	43.7	496	319	64.3
San Francisco, Cal.	83,368	50,128	59.7	30,481	18,973	62.2	45,664	26,969	60.3	8,746	3,524	40.3	244	112	45.9
Seranton, Pa.	38,397	22,964	59.3	13,866	8,939	65.2	2,112	1,019	58.1	3,853	1,538	34.7	141	87	60.8
Spokane, Wash.	49,284	31,009	62.9	20,019	13,937	69.7	19,262	13,767	69.7	6,496	2,962	45.6	282	137	58.9
Spokane, Wash.	24,130	15,229	63.2	14,069	9,099	65.0	8,324	5,374	64.6	1,635	696	42.1	124	79	61.7
St. Francis, Mo.	34,711	21,311	61.4	10,720	6,649	61.6	15,591	11,579	74.3	1,254	1,018	36.0	214	131	61.7
Toledo, Ohio.	70,418	28,198	62.2	22,156	13,903	67.8	19,837	11,729	59.1	2,962	1,218	41.1	350	215	61.4
Washington, D. C.	79,239	50,829	64.2	45,982	28,726	66.7	30,462	17,079	60.6	2,947	1,018	48.7	23,943	14,000	58.3
Worcester, Mass.	38,277	24,928	66.1	10,718	7,732	72.3	21,411	14,669	67.7	5,862	2,292	41.2	282	185	65.3

For children from 6 to 14 years of age the percentage attending school is generally high. For the principal cities the range of variation was from 74.4 in Richmond and Birmingham to 95.2 in Cambridge. Among the 50 cities having 100,000 inhabitants or more there are 21 in which 90 per cent or over of the children from

6 to 14 years of age were reported as attending school. Exceptionally high percentages (92 and over) are shown for Boston, Bridgeport, Cambridge, New Haven, and Omaha, while low percentages (less than 80) are noted in Atlanta, Baltimore, Birmingham, Memphis, Nashville, New Orleans, and Richmond.

SCHOOL ATTENDANCE OF CHILDREN 6 TO 14 YEARS OF AGE IN CITIES OF 100,000 INHABITANTS OR MORE: 1910.  
[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.		NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.				
	Attending school.		Native percentage.		Foreign or mixed percentage.		Attending school.		Attending school.		Total number.	Attending school.				
	Total number.	Per cent.	Total number.	Per cent.	Total number.	Per cent.	Total number.	Per cent.	Total number.	Per cent.	Total number.	Per cent.				
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.				
Albany, N. Y.	13,380	11,824	88.4	7,966	7,093	88.7	4,671	4,124	88.3	617	524	84.9	125	113	90.4	
Albina, Ga.	24,099	18,486	76.7	14,661	11,620	79.3	1,160	974	84.0	265	206	77.7	7,011	5,685	71.0	
Baltimore, Md.	87,891	68,218	77.6	47,284	36,888	78.0	24,983	19,430	78.2	4,339	3,207	75.3	11,263	8,509	75.5	
Birmingham, Ala.	101,839	10,418	10.3	10,418	10,418	100.0	1,859	8,559	74.8	1,478	3,084	20.9	7,982	5,807	72.8	
Boston, Mass.	100,560	94,224	93.7	24,314	22,994	93.8	62,910	60,601	94.3	10,965	9,873	90.0	1,430	1,337	93.5	
Bridgeport, Conn.	15,299	14,123	92.3	4,361	4,058	93.1	9,116	8,448	92.7	1,660	1,476	88.9	162	141	87.0	
Buffalo, N. Y.	69,405	60,813	87.6	29,041	21,652	90.1	40,452	35,033	86.6	4,730	3,966	83.8	176	157	89.0	
Cambridge, Mass.	16,575	15,717	95.2	4,024	3,818	95.0	14,824	14,141	95.0	1,291	1,265	98.0	752	742	98.7	
Chicago, Ill.	326,865	296,700	91.1	78,654	70,540	89.6	219,212	189,994	86.7	34,078	29,760	84.4	3,840	3,424	89.2	
Cincinnati, Ohio.	50,425	45,685	90.6	31,462	28,593	90.9	15,110	13,718	90.8	1,826	1,565	85.7	2,024	1,807	89.3	
Cleveland, Ohio.	86,513	78,595	90.8	23,915	22,285	93.2	51,073	46,160	90.4	10,675	9,366	87.7	838	775	92.5	
Columbus, Ohio.	24,086	21,531	89.4	17,641	15,892	90.1	4,445	3,934	88.5	597	489	81.9	1,396	1,210	86.7	
Dayton, Ohio.	15,829	14,577	92.1	11,586	10,483	90.5	2,946	2,496	90.2	556	462	83.8	556	462	83.8	
Denver, Colo.	29,307	26,457	90.3	15,935	14,242	89.5	11,380	10,397	91.4	1,417	1,283	90.5	579	513	88.6	
Detroit, Mich.	68,847	59,575	86.5	19,785	17,844	90.2	41,034	35,025	85.4	7,405	6,662	90.2	1,156	1,036	89.7	
Fall River, Mass.	21,760	19,915	91.8	3,388	3,242	95.7	15,202	13,923	91.6	3,071	2,713	88.3	37	36	94.7	
Grand Rapids, Mich.	17,160	15,385	90.0	6,365	5,631	88.8	9,447	8,394	90.0	1,222	1,062	88.5	65	58	89.2	
Indianapolis, Ind.	31,886	29,068	91.2	22,398	21,229	90.8	5,350	4,867	91.0	506	422	83.4	2,759	2,496	90.5	
Jersey City, N. J.	47,024	40,556	86.2	17,688	15,948	89.8	28,544	24,967	87.4	3,107	2,536	81.6	774	674	87.1	
Kansas City, Mo.	30,571	26,572	86.9	20,504	17,822	86.9	6,705	5,952	88.0	1,044	884	84.7	2,251	1,910	84.9	
Los Angeles, Cal.	37,189	33,701	90.6	21,179	19,167	90.5	12,076	11,075	91.7	2,820	2,455	87.1	833	808	96.3	
Louisville, Ky.	33,689	29,701	88.2	22,321	19,704	88.3	6,104	5,452	89.3	3,622	3,053	84.3	4,902	4,240	86.5	
Lowell, Mass.	15,119	14,720	97.4	3,253	3,024	93.0	10,966	10,654	97.1	1,906	1,632	85.6	12	10	83.3	
Memphis, Tenn.	12,444	14,372	76.7	9,033	7,463	82.1	1,669	1,362	84.0	4,06	296	72.0	6,440	4,317	67.0	
Milwaukee, Wis.	67,112	54,165	80.7	16,938	15,001	90.1	38,670	33,389	86.3	4,517	3,724	82.4	72	58	80.7	
Minneapolis, Minn.	40,014	35,912	89.7	14,184	12,621	89.0	22,878	20,886	91.4	2,722	2,405	88.4	225	197	87.6	
Nashville, Tenn.	17,657	15,730	77.8	11,081	9,823	79.1	9,01	7,60	84.4	136	109	80.1	5,358	4,998	74.0	
New Haven, Conn.	25,724	24,066	94.4	6,525	6,172	94.6	12,313	11,654	94.6	2,440	2,229	91.5	436	400	91.7	
New Orleans, La.	57,661	44,377	77.0	34,014	27,338	80.4	8,633	6,835	79.2	1,009	746	73.9	13,990	9,446	67.8	
New York, N. Y.	770,637	698,015	90.6	446,143	407,254	91.3	126,530	112,532	88.9	8,864	7,483	87.5	7,763	6,785	87.4	
Manhattan Borough	543,780	508,858	93.6	377,406	350,837	93.0	202,212	184,059	90.6	78,091	69,225	88.7	4,993	4,422	88.7	
Brooklyn Borough	174,575	165,212	94.7	129,608	120,547	93.0	44,824	41,411	92.1	6,897	6,153	89.2	512	457	89.3	
Queens Borough	352,610	327,235	93.0	215,507	197,678	91.7	107,359	97,759	91.1	17,849	15,311	85.9	2,764	2,441	88.3	
Richmond Borough	32,825	40,191	92.9	30,449	19,196	63.4	28,219	27,238	96.9	2,759	2,468	89.7	118	92	91.4	
St. Louis, Mo.	15,649	14,766	85.3	6,497	6,072	93.5	8,181	7,689	93.9	891	832	89.0	177	158	89.5	
Newark, N. J.	57,829	52,885	91.9	18,324	16,884	92.6	30,963	28,678	92.6	6,837	6,138	89.8	1,184	1,076	90.9	
Oakland, Cal.	18,932	16,827	88.8	12,471	11,418	88.8	8,819	7,880	89.5	1,143	1,007	87.9	280	247	88.2	
Omaha, Neb.	16,817	15,624	92.9	7,608	7,023	92.3	7,838	7,373	94.1	1,866	1,883	98.6	382	343	89.8	
Paterson, N. J.	21,415	19,294	90.1	5,506	4,976	89.4	15,163	11,998	90.9	2,536	2,127	87.8	217	192	88.5	
Philadelphia, Pa.	237,900	205,009	86.2	100,857	87,959	87.1	104,962	80,244	86.0	22,413	18,727	83.6	9,004	8,051	83.8	
Pittsburgh, Pa.	84,821	72,316	85.3	33,588	29,001	86.3	41,799	35,337	84.6	6,054	4,941	81.6	3,871	2,833	84.0	
Portland, Ore.	22,253	19,084	85.8	12,419	10,383	83.5	8,201	7,293	87.2	1,147	1,028	82.4	63	48	76.2	
Providence, R. I.	33,114	29,559	89.2	6,053	5,247	91.1	19,381	17,333	89.5	3,968	3,139	86.6	679	603	88.8	
Richmond, Va.	19,560	14,562	74.4	11,343	8,983	79.2	1,688	862	52.0	202	173	85.6	6,927	4,314	65.2	
Rochester, N. Y.	26,412	27,859	91.9	15,851	11,412	85.7	11,817	11,817	100.0	92.0	2,885	2,885	100.0	86	86	100.0
St. Louis, Mo.	98,965	85,421	86.3	55,384	47,575	85.9	34,513	28,006	81.2	5,201	4,272	81.6	4,723	3,841	81.4	
St. Paul, Minn.	31,498	28,871	91.7	18,784	16,739	89.0	18,646	17,239	92.4	1,869	1,624	86.4	201	245	121.9	
San Francisco, Cal.	44,633	39,659	88.6	17,003	14,660	86.2	22,419	20,009	89.0	3,324	2,813	84.6	707	80.6		
Sarasota, Fla.	26,998	19,535	83.4	15,474	7,337	55.9	13,220	10,408	82.9	1,553	1,157	74.5	80	74	91.2	
Seattle, Wash.	26,422	22,889	86.6	18,473	11,462	62.1	8,577	10,808	126.0	1,988	1,086	82.0	130	127	83.0	
Spokane, Wash.	13,513	11,363	84.1	8,111	6,755	83.4	4,636	3,985	86.0	693	553	79.5	61	54	88.7	
Syracuse, N. Y.	19,180	10,837	56.5	9,180	8,071	87.9	8,624	7,627	88.4	1,253	1,046	83.3	126	113	89.6	
Tulsa, Okla.	25,822	23,499	91.0	13,650	12,151	89.9	11,390	10,086	88.6	1,286	1,085	84.4	191	173	90.9	
Washington, D. C.	10,719	8,627	80.5	21,786	11,767	54.0	6,880	5,362	77.8	6,880	782	84.5	12,010	10,719	89.1	
Worcester, Mass.	22,913	20,422	91.5	6,388	5,917	92.6	13,741	12,543	91.3	2,011	1,800	89.5	170	159	93.5	

# SCHOOL ATTENDANCE.

## SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.		NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.			
	Total number.	Attending school.		Native parentage.		Foreign or mixed parentage.		Total number.	Attending school.		Total number.	Attending school.			
		Number.	Per cent.	Total number.	Number.	Per cent.	Total number.		Number.	Per cent.		Total number.	Number.	Per cent.	
															Number.
<b>Alabama</b>															
Mobile.....	14,997	8,063	57.3	6,756	4,453	65.9	1,114	689	61.8	196	88	44.4	6,027	2,853	47.3
Montgomery.....	10,700	5,283	49.1	4,792	2,423	50.6	377	214	56.8	70	26	.....	2,624	47.6	
<b>Arkansas</b>															
Little Rock.....	12,016	7,134	59.4	6,760	4,280	63.3	1,238	731	59.0	163	38	36.9	5,912	2,965	53.3
<b>California</b>															
Berkeley.....	10,050	7,466	74.3	5,222	4,139	79.3	3,932	2,823	71.8	595	341	57.2	69	43	.....
Pasadena.....	6,621	4,814	72.7	4,521	3,440	76.1	1,621	1,117	68.9	288	138	47.9	159	111	69.8
Sacramento.....	9,381	5,485	58.5	5,274	3,272	62.0	3,050	1,740	57.0	624	245	39.3	103	49	47.6
San Diego.....	8,453	5,896	69.8	5,129	3,365	65.5	2,358	1,786	75.8	722	355	49.2	114	68	60.2
San Jose.....	6,968	4,776	69.5	3,558	2,558	71.9	2,733	1,901	70.7	481	231	48.0	23	14	.....
<b>Colorado</b>															
Colorado Springs.....	7,253	5,211	71.9	5,318	3,852	72.4	1,592	1,079	71.8	164	80	54.3	266	134	72.9
Fueblo.....	10,887	7,050	64.8	6,315	4,222	66.9	3,243	2,293	70.5	890	347	39.1	331	196	59.2
<b>Connecticut</b>															
Hartford.....	25,039	17,194	68.4	7,805	5,731	73.4	12,678	9,175	72.4	4,111	1,908	46.4	441	317	71.9
Meriden.....	9,312	6,174	66.3	2,607	1,929	74.0	1,388	3,507	65.0	809	389	42.8	88	49	.....
Meriden city.....	7,481	6,223	83.2	5,199	1,699	74.0	4,792	3,803	69.8	811	551	68.3	48	49	.....
New Britain.....	12,365	7,783	63.3	3,989	2,620	75.8	6,877	4,929	71.7	2,709	816	30.1	30	18	.....
Norwich.....	7,451	5,019	67.4	2,431	1,819	74.8	3,819	2,599	68.1	1,237	692	39.8	138	106	67.1
Stamford town.....	7,602	4,827	63.5	2,669	1,840	69.0	6,811	2,443	67.7	1,258	506	40.2	67	38	.....
Stamford city.....	6,744	4,377	64.8	2,227	1,428	64.2	5,599	2,574	71.7	1,169	482	39.5	65	38	.....
Waterbury.....	26,388	13,471	66.1	5,659	3,943	71.0	11,298	8,113	71.8	3,538	1,309	38.2	172	114	65.1
<b>Delaware</b>															
Wilmington.....	23,202	13,404	57.8	12,593	7,648	60.7	6,696	3,940	58.8	1,589	440	27.7	2,326	1,375	59.1
<b>Florida</b>															
Jacksonville.....	14,497	7,643	52.7	5,749	3,133	54.5	907	546	60.2	259	90	34.7	7,671	3,854	51.0
Tampa.....	10,678	5,598	52.4	3,524	2,017	60.7	2,759	1,690	61.7	2,900	720	31.3	2,313	1,171	50.6
<b>Georgia</b>															
Augusta.....	11,317	5,927	52.4	5,967	3,277	55.8	390	265	68.2	76	31	.....	5,179	2,538	45.5
Macon.....	11,848	6,997	51.4	6,163	3,823	65.5	252	194	72.9	81	29	.....	5,246	2,294	44.8
Savannah.....	17,399	9,084	52.2	6,907	3,984	60.3	1,748	1,071	61.3	352	158	44.9	8,692	3,871	44.5
<b>Illinois</b>															
Aurora.....	7,817	4,517	57.8	3,545	2,324	65.6	3,633	2,021	55.6	559	127	22.7	80	45	.....
Bloomington.....	6,576	4,269	64.9	4,033	2,803	69.6	2,156	1,264	58.6	180	76	42.2	207	124	59.9
DePaul.....	7,529	4,983	66.2	5,098	3,896	68.4	1,423	814	60.0	81	33	.....	327	200	61.2
Decatur.....	9,372	5,199	62.1	6,274	4,054	64.6	1,618	942	58.2	133	96	49.7	187	107	57.2
East St. Louis.....	15,349	8,819	55.5	5,741	3,911	59.0	3,146	1,746	55.5	1,086	308	28.4	1,824	724	52.4
Elgin.....	6,578	4,274	65.0	2,731	2,076	76.8	3,321	2,649	61.7	290	128	44.1	35	21	.....
Joliet.....	9,507	5,863	61.7	3,414	2,363	69.2	4,945	3,069	62.7	1,041	353	32.9	107	68	63.6
Peoria.....	16,451	10,121	66.8	10,656	6,671	62.6	6,174	3,088	59.5	484	193	39.9	336	180	54.6
Quincy.....	9,727	5,729	58.9	6,739	4,223	62.7	2,545	1,277	50.2	67	22	.....	383	207	53.0
Rockford.....	11,883	7,020	59.1	4,354	2,916	67.0	6,220	3,099	69.1	1,274	384	30.3	37	21	.....
Springfield.....	13,578	8,954	59.4	8,413	5,189	61.7	3,790	2,119	55.9	630	302	47.9	743	452	60.8
<b>Indiana</b>															
Evansville.....	18,985	10,628	56.0	14,256	8,204	57.5	3,054	1,496	49.3	37	25	.....	1,958	903	56.5
Fort Wayne.....	17,548	10,582	60.3	11,826	7,473	63.2	2,186	2,852	55.0	407	174	42.8	125	80	61.0
South Bend.....	14,679	8,114	55.3	6,295	3,895	62.3	6,573	3,493	53.1	1,700	657	37.5	126	76	60.3
Terre Haute.....	15,329	9,300	61.1	12,626	7,983	62.3	2,946	1,196	58.5	211	77	36.5	696	394	55.5
<b>Iowa</b>															
Cedar Rapids.....	8,763	5,583	63.7	5,051	3,425	67.8	3,221	1,929	59.9	459	263	45.1	41	26	.....
Clinton.....	6,900	4,640	67.4	3,541	2,576	72.7	3,061	1,928	62.9	169	69	36.5	109	78	71.6
Conestoga Bluffs.....	8,163	5,434	66.6	5,297	3,637	69.1	2,960	1,671	65.3	267	87	32.6	62	39	.....
Davenport.....	11,249	7,027	62.7	6,175	4,244	68.7	4,729	2,585	54.5	319	120	37.6	135	62	.....
Des Moines.....	22,260	14,633	65.6	14,830	10,969	67.9	5,742	3,788	65.9	876	378	43.2	670	398	59.4
Dubuque.....	10,531	6,495	62.7	6,299	4,225	67.5	4,038	2,289	56.5	215	79	36.7	17	14	.....
Sioux City.....	12,869	7,893	61.2	6,548	4,260	65.5	5,213	3,172	60.9	1,991	385	36.3	98	47	.....
Waterloo.....	6,842	4,578	67.4	4,184	3,532	68.1	4,047	2,894	61.1	128	57	27.4	9	2	.....
<b>Kansas</b>															
Kansas City.....	22,923	13,924	60.7	14,339	9,635	63.0	5,180	3,113	60.1	1,022	275	26.6	2,371	1,497	63.1
Topeka.....	11,198	6,829	61.0	7,419	4,651	62.8	2,172	1,256	57.3	351	150	37.0	1,292	791	62.7
Wichita.....	13,591	8,490	62.5	11,293	7,177	63.6	1,421	873	61.4	219	80	36.5	655	358	54.7
<b>Kentucky</b>															
Covington.....	14,764	8,448	57.2	10,713	6,382	59.6	3,392	1,694	50.4	55	24	.....	633	348	55.0
Lexington.....	8,649	5,699	64.9	5,478	3,761	68.7	409	272	66.8	61	28	.....	2,096	1,549	73.3
Newport.....	5,488	4,669	54.9	5,889	3,367	57.2	2,221	1,107	69.8	384	111	47.4	154	84	54.5
<b>Louisiana</b>															
Shreveport.....	7,626	4,188	54.9	3,030	1,936	63.9	412	279	67.7	109	45	41.3	4,074	1,926	47.3
<b>Maine</b>															
Lewiston.....	7,725	4,269	55.3	2,112	1,444	68.4	3,716	2,239	60.4	1,883	580	30.8	14	6	.....
Portland.....	13,831	9,500	68.7	6,787	4,796	70.7	5,649	4,114	72.9	1,337	543	40.6	65	46	.....

## SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

[Per cent not shown where base is less than 100.]

CITY.	ALL GRADES.		NATIVE WHITE.						FOREIGN-BORN WHITE.						NEGRO.	
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	
																Native parentage.
<b>Massachusetts</b>																
Brockton	14,505	9,793	67.5	5,675	4,004	70.6	6,920	4,986	72.1	1,754	704	40.1	155	99	63.9	
Brockline town	5,766	4,220	73.2	2,432	2,013	82.1	2,709	2,078	76.7	583	118	20.2	21	11	.....	
Chelsea	9,007	5,678	63.0	1,646	1,073	65.2	4,680	3,244	69.3	2,200	1,316	59.6	69	41	.....	
Chicopee	7,630	4,728	62.0	1,568	1,199	76.5	4,332	2,989	69.2	1,727	530	30.7	3	.....	80.0	
Everett	9,243	6,516	70.5	2,607	1,854	71.1	5,467	4,024	73.6	912	434	47.6	255	294	.....	
Fitchburg	10,648	7,494	70.4	2,538	1,829	72.3	6,288	4,523	68.8	2,628	66.9	6,976	5,772	82.7	.....	
Haverhill	11,201	7,569	67.5	4,526	3,247	71.1	5,123	3,720	72.6	1,456	565	38.8	95	66	.....	
Holyoke	17,967	10,742	60.0	3,134	2,273	72.5	11,294	7,296	64.1	3,462	1,225	35.4	14	.....	27	
Lawrence	21,320	14,063	66.0	3,929	2,936	74.4	12,906	8,628	66.8	6,976	2,772	39.7	7	.....	59.3	
Lynn	21,328	13,811	64.6	7,271	5,080	69.9	10,348	7,191	69.3	3,569	1,450	40.4	189	112	.....	
Malden	17,967	10,742	60.0	3,134	2,273	72.5	11,294	7,296	64.1	3,462	1,225	35.4	14	.....	72.2	
New Bedford	12,296	8,042	65.5	3,353	2,478	73.7	7,188	5,310	73.9	1,600	750	46.9	144	104	.....	
Newton	20,784	15,300	73.7	4,533	3,213	68.8	14,136	9,953	68.1	7,793	2,811	37.9	650	390	.....	
Newton	10,255	7,700	75.1	3,009	3,379	108.8	4,968	3,850	77.6	1,233	390	31.6	111	73	.....	
Pittsfield	8,097	5,230	64.6	4,031	2,814	69.8	4,354	3,017	69.2	709	289	40.8	73	.....	59.0	
Quincy	9,096	6,380	70.1	2,403	1,872	77.9	5,399	3,919	72.6	1,251	585	46.8	11	.....	.....	
Salem	11,829	7,881	66.6	3,573	2,734	76.5	6,322	4,428	70.3	1,915	696	36.3	33	.....	.....	
Somerville	18,993	13,923	73.3	6,639	5,086	76.6	10,611	8,029	75.8	1,675	750	44.8	67	.....	.....	
Springfield	22,168	15,182	68.5	8,609	6,294	73.1	10,184	7,424	71.9	3,003	1,299	43.2	333	238	.....	
Taunton	8,991	5,507	61.3	3,222	2,212	68.7	4,491	2,876	64.0	1,203	370	30.8	75	.....	.....	
Waltham	7,309	5,052	69.1	2,526	1,917	75.9	3,991	2,839	71.1	764	315	41.2	25	.....	.....	
<b>Michigan</b>																
Battle Creek	5,841	3,935	67.4	4,337	2,993	69.0	1,118	708	68.7	279	125	44.8	107	69	.....	
Bay City	13,696	9,037	66.0	3,948	3,057	77.5	8,862	6,590	74.5	694	383	55.2	29	.....	.....	
Flint	8,871	4,739	53.4	5,368	3,049	56.8	2,730	1,378	50.7	677	255	37.7	106	37	.....	
Jackson	7,249	4,697	64.8	4,616	3,113	67.4	2,247	1,424	63.4	316	123	38.9	70	.....	.....	
Kalamazoo	9,280	6,067	65.4	5,430	3,307	60.7	3,268	2,040	63.0	814	404	49.6	156	96	.....	
Lansing	7,988	4,877	61.1	5,162	3,160	62.2	3,332	1,473	63.8	493	157	39.0	91	.....	.....	
Saginaw	13,619	8,711	64.4	5,420	3,788	69.9	7,379	4,500	61.1	778	398	52.5	61	.....	.....	
<b>Minnesota</b>																
Duluth	20,615	13,616	63.1	3,966	2,656	67.0	13,771	9,228	67.0	2,812	1,000	38.8	60	.....	.....	
<b>Missouri</b>																
Joplin	8,947	5,900	65.9	8,207	5,429	66.2	518	359	67.6	35	22	.....	187	99	.....	
St. Joseph	20,299	12,675	61.0	14,453	8,995	62.2	4,117	2,507	60.9	730	309	42.3	595	561	.....	
Springfield	10,127	6,361	62.8	8,599	5,409	63.0	869	538	61.9	35	3	.....	618	348	.....	
<b>Montana</b>																
Butte	8,761	6,187	70.6	2,775	2,069	74.6	5,269	3,784	71.8	650	294	45.2	39	.....	.....	
<b>Nebraska</b>																
Lincoln	11,049	7,675	69.5	6,783	4,935	72.8	2,905	2,038	68.7	1,137	596	52.4	108	.....	.....	
South Omaha	7,879	4,669	59.1	2,853	1,840	64.5	3,978	2,419	60.8	882	306	34.1	101	.....	.....	
<b>New Hampshire</b>																
Manchester	21,659	11,717	55.6	4,105	2,861	69.7	10,781	6,964	64.6	6,165	1,888	30.6	8	.....	.....	
Nashua	7,429	4,470	60.2	2,028	1,514	74.7	3,657	2,473	67.6	1,744	483	27.7	8	.....	.....	
<b>New Jersey</b>																
Atlantic City	10,291	9,945	97.8	5,532	3,275	59.2	2,347	1,527	65.1	750	311	41.5	1,661	832	.....	
Bayonne	16,857	10,569	64.7	3,800	2,584	68.0	10,011	7,049	70.4	2,916	1,193	40.9	129	.....	.....	
Camden	25,637	14,532	56.7	13,915	8,195	58.9	3,380	1,829	57.5	1,835	646	34.6	1,467	865	.....	
East Orange	8,199	5,460	66.6	4,617	3,451	74.7	2,682	1,625	68.4	512	205	39.5	485	276	.....	
Elizabeth	20,489	12,387	60.4	6,737	4,543	67.2	10,670	6,486	62.9	3,947	1,152	37.8	378	296	.....	
Hoboken	13,203	12,200	92.4	6,191	5,359	86.7	11,957	11,224	94.3	3,071	1,305	42.5	35	.....	.....	
Orange	8,172	5,303	64.9	4,729	3,188	67.4	3,965	2,729	69.0	808	328	36.1	578	378	.....	
Passaic	17,687	8,297	46.9	2,392	1,717	71.8	7,393	4,198	66.2	7,770	1,594	20.5	132	.....	.....	
Perth Amboy	9,993	5,639	59.9	1,082	1,006	69.7	1,981	1,292	65.2	922	104	35.5	49	.....	.....	
Trenton	26,495	16,409	61.9	10,966	7,244	66.1	11,278	7,477	66.3	3,762	1,395	37.1	486	293	.....	
West Hoboken town	10,568	5,633	53.4	2,709	1,594	58.8	6,067	3,448	56.2	1,765	686	38.9	10	.....	.....	
<b>New York</b>																
Amsterdam	8,236	4,447	54.4	2,771	1,815	65.5	3,538	2,195	62.0	1,905	453	23.8	21	.....	.....	
Albany	7,882	4,890	62.0	4,083	2,809	68.8	2,757	1,695	61.5	983	235	24.7	89	.....	.....	
Binghamton	11,653	7,400	67.0	7,424	5,269	72.2	2,446	1,646	67.3	1,073	323	30.1	108	.....	.....	
Elmira	9,407	6,476	68.8	5,766	4,068	70.6	2,897	1,920	66.6	619	395	63.8	125	.....	.....	
Jamestown	7,954	5,068	64.1	2,438	1,733	71.1	4,271	2,868	67.2	1,167	448	38.4	27	.....	.....	
Kingston	9,180	4,263	46.4	4,038	2,309	57.2	3,451	1,982	55.1	322	104	32.5	179	.....	.....	
Mount Vernon	8,495	6,104	72.0	6,583	2,873	78.6	6,509	2,711	75.1	1,003	423	42.1	207	.....	.....	
New Rochelle	7,748	5,339	68.9	2,555	1,933	74.1	3,665	2,469	75.6	1,116	454	40.7	411	.....	.....	
Newburgh	7,570	4,274	56.9	4,177	2,339	56.8	2,660	1,592	62.2	402	124	30.8	141	.....	.....	
Orange	8,172	5,303	64.9	4,729	3,188	67.4	3,965	2,729	69.0	808	328	36.1	578	.....	.....	
Passaic	17,687	8,297	46.9	2,392	1,717	71.8	7,393	4,198	66.2	7,770	1,594	20.5	132	.....	.....	
Perth Amboy	9,993	5,639	59.9	1,082	1,006	69.7	1,981	1,292	65.2	922	104	35.5	49	.....	.....	
Trenton	26,495	16,409	61.9	10,966	7,244	66.1	11,278	7,477	66.3	3,762	1,395	37.1	486	293	.....	
West Hoboken town	10,568	5,633	53.4	2,709	1,594	58.8	6,067	3,448	56.2	1,765	686	38.9	10	.....	.....	
<b>North Carolina</b>																
Charlotte	10,404	5,379	51.7	6,374	3,599	56.5	174	124	71.3	54	29	.....	3,801	1,627	.....	
Wilmington	7,228	4,052	56.1	3,452	2,116	61.3	232	167	67.7	23	7	.....	3,517	1,772	.....	

# SCHOOL ATTENDANCE.

## SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES HAVING FROM 25,000 TO 100,000

### INHABITANTS: 1910—Continued.

[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.		NATIVE WHITE.						FOREIGN-BORN WHITE.						NEGRO.	
			Native parentage.			Foreign or mixed parentage.			FOREIGN-BORN WHITE.			NEGRO.				
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	
<b>Ohio</b>																
Akron	17,402	10,189	58.6	10,941	6,333	61.2	5,382	3,198	59.4	1,014	563	37.2	165	95	57.6	
Canton	13,040	7,477	57.3	8,630	5,335	61.5	3,334	1,829	54.9	1,507	275	27.3	88	28	31.8	
Hamilton	9,765	5,814	59.5	7,369	4,594	62.4	2,688	1,237	55.0	181	78	43.1	145	94	64.8	
Lima	8,392	5,317	63.4	6,968	4,373	62.7	1,137	726	63.9	129	54	41.9	298	164	63.6	
Lorain	7,523	4,857	64.6	5,263	3,256	61.9	3,216	2,315	69.8	1,538	666	43.3	106	50	47.2	
Norwalk	6,981	4,037	57.8	5,524	3,439	62.6	785	484	61.7	187	86	24.6	35	48	58.8	
Springfield	12,142	7,479	61.6	8,801	5,585	63.5	1,946	1,091	56.1	136	41	30.1	1,238	761	60.5	
Youngstown	20,543	11,091	54.8	12,248	4,494	62.0	9,156	5,460	57.4	3,077	943	30.6	800	194	48.5	
Zanesville	6,988	4,156	59.5	5,806	3,475	59.9	714	437	61.2	103	35	34.9	361	239	57.9	
<b>Oklahoma</b>																
Muskogee	6,440	3,908	58.9	3,882	2,361	60.8	1,453	157	61.8	32	4	—	2,370	1,309	55.2	
Oklahoma City	15,425	9,392	60.9	12,026	7,311	60.2	4,714	2,643	56.1	35	3	25.9	2,872	997	55.2	
<b>Pennsylvania</b>																
Allentown	14,075	7,938	56.4	10,589	6,211	59.6	2,228	1,338	60.7	1,218	257	21.1	28	12	42.8	
Altoona	14,458	9,085	62.9	11,106	7,124	64.1	2,631	1,612	60.6	660	276	40.3	111	73	65.8	
Chester	10,440	5,822	55.8	5,992	3,285	58.7	2,931	1,656	56.5	736	211	28.7	1,180	670	56.8	
Easton	7,289	4,261	58.5	5,589	3,394	60.7	1,117	658	59.8	472	145	30.7	80	35	43.8	
Erie	18,492	10,370	56.2	8,901	5,396	60.6	8,258	4,661	56.4	1,940	488	32.5	73	41	54.8	
Harrisburg	15,973	10,437	65.3	12,880	8,559	66.4	4,392	985	70.8	630	269	42.7	1,061	624	58.8	
Hartleton	8,332	5,321	63.9	3,291	2,270	69.0	4,579	2,781	60.5	659	298	45.6	3	2	—	
Jenks	15,994	9,534	59.7	8,712	5,282	60.6	4,590	2,694	57.4	2,269	602	36.7	80	38	47.5	
Lancaster	12,567	7,131	62.2	10,061	6,090	60.5	1,997	1,211	60.6	240	116	48.3	209	114	54.5	
McKeesport	10,012	6,188	62.7	4,905	3,331	67.9	5,220	4,483	86.1	1,623	597	36.8	232	149	64.2	
New Castle	9,563	5,954	62.3	5,178	3,490	67.4	4,055	2,099	68.0	1,302	388	29.8	127	67	62.8	
Norristown borough	6,746	3,751	55.6	4,408	2,595	58.9	1,556	827	53.1	518	182	35.1	263	147	55.9	
Reading	25,714	14,497	55.9	20,586	11,900	57.5	7,052	2,026	54.7	1,173	371	31.6	189	110	58.2	
Shenandoah borough	4,822	4,675	98.4	1,892	1,223	64.6	4,366	3,135	66.4	1,322	316	23.7	19	4	20.5	
Wikes-Barre	20,337	12,568	61.8	8,409	5,758	68.5	9,944	6,087	61.2	1,827	605	33.1	160	118	73.8	
Williamsport	7,465	4,583	61.4	4,822	3,448	71.5	4,433	3,774	85.1	1,147	614	53.5	275	180	65.6	
York	12,260	7,363	60.1	11,019	6,651	60.4	6,786	499	63.5	1,321	33	35.1	304	160	52.0	
<b>Rhode Island</b>																
Newport	7,885	5,882	74.6	3,167	2,442	77.1	3,888	3,011	77.2	462	188	40.7	354	228	67.2	
Pawtucket	14,501	8,993	62.0	3,840	2,715	70.7	8,234	5,350	64.3	2,265	879	38.8	68	47	—	
Warwick town	8,427	4,689	58.4	2,049	1,399	68.3	4,395	2,792	63.5	1,536	472	30.7	46	25	—	
Woonsocket	12,995	6,685	55.7	1,852	1,208	68.5	6,824	4,172	61.1	3,234	1,244	37.4	5	1	—	
<b>South Carolina</b>																
Charleston	17,022	8,654	50.8	6,288	3,775	60.0	1,240	725	58.5	158	59	31.6	9,330	4,104	44.0	
Columbia	7,272	3,809	52.2	3,654	2,214	60.6	145	91	62.8	88	33	36.9	3,405	1,531	45.0	
<b>Tennessee</b>																
Chattanooga	11,790	6,838	58.0	6,226	3,927	63.1	670	482	71.9	160	93	58.1	4,734	2,331	49.2	
Knoxville	10,725	5,747	53.6	5,127	4,528	88.6	439	278	64.7	39	—	—	2,099	908	43.3	
<b>Texas</b>																
Austin	8,872	5,648	64.1	4,805	3,226	67.9	1,421	870	61.2	162	45	27.8	2,389	1,446	60.5	
Dallas	24,099	13,440	54.4	16,782	9,411	56.1	2,916	1,694	57.1	449	180	40.1	4,546	2,184	48.0	
El Paso	11,195	5,901	52.7	3,998	2,572	64.3	2,612	1,341	51.4	737	354	48.2	322	177	53.3	
Fort Worth	19,713	10,433	52.9	14,966	7,795	55.4	1,752	969	55.9	446	100	22.4	3,467	1,568	45.2	
Galveston	9,663	5,661	58.6	4,173	2,765	66.1	1,784	846	499	499	369	1,939	1,016	52.4		
Houston	21,125	10,941	51.8	10,735	5,830	54.3	3,363	1,742	51.8	578	181	31.3	6,442	3,186	49.5	
San Antonio	28,655	15,252	53.6	14,389	8,448	58.7	8,226	4,329	52.7	2,915	1,098	37.7	3,066	1,438	47.1	
Waco	8,521	4,782	56.1	5,700	3,296	57.8	892	529	59.3	127	56	44.1	1,334	598	45.0	
<b>Utah</b>																
Ogden	7,735	5,422	70.1	4,054	2,962	73.6	3,160	2,182	69.1	464	233	50.2	27	17	—	
Salt Lake City	25,832	17,173	66.4	11,961	8,549	71.5	11,899	7,727	64.9	1,831	813	44.4	106	61	57.5	
<b>Virginia</b>																
Lynchburg	8,801	4,680	53.2	2,592	3,150	56.3	248	177	71.4	40	17	—	2,920	1,326	45.8	
Norfolk	17,717	10,040	56.7	9,400	5,854	62.3	1,993	1,029	68.9	479	230	48.0	6,341	2,925	46.1	
Portsmouth	9,371	4,792	51.1	2,251	2,853	54.3	808	415	51.4	137	50	36.5	3,175	1,474	46.4	
Roanoke	10,817	6,129	58.3	7,505	4,575	61.0	374	222	59.4	85	32	—	2,552	1,300	50.9	
<b>Washington</b>																
Tacoma	20,360	13,262	65.1	9,004	6,202	68.9	9,155	6,013	65.8	1,974	901	45.6	133	75	56.4	
<b>West Virginia</b>																
Huntington	9,418	5,659	60.1	8,520	5,124	60.1	252	155	61.5	42	15	—	603	365	60.5	
Wheeling	11,018	6,139	55.7	7,309	4,289	58.7	304	1,637	53.7	459	110	24.0	203	103	50.7	
<b>Wisconsin</b>																
Green Bay	7,680	5,120	67.7	3,783	2,781	73.5	3,707	2,250	60.7	64	43.8	10	4	—		
La Crosse	9,076	5,927	65.3	3,904	2,839	72.7	4,917	2,971	60.4	285	106	37.6	22	17	—	
Madison	6,578	4,604	70.0	4,709	2,791	59.2	2,508	1,530	60.9	321	137	42.6	30	19	—	
Oshkosh	9,718	6,130	63.1	3,490	2,629	75.3	5,646	3,423	60.6	540	241	43.8	26	15	—	
Racine	10,473	6,451	61.6	3,725	2,991	80.3	6,168	3,848	62.4	525	301	57.3	28	17	—	
Sheboygan	8,175	4,911	60.1	2,531	1,764	69.7	4,588	2,930	63.9	1,055	456	43.2	19	10	—	
Wausau	10,992	7,721	70.2	2,872	1,755	75.0	6,776	4,942	72.9	1,282	589	45.9	19	10	—	

**COMPARATIVE SUMMARY: 1910 AND 1900.**

In comparing the results of the census of 1910 with those of the preceding census, two considerations must be borne in mind. In the first place the principal tabulations of the census of 1900 relate to persons from 5 to 20 years of age, while those of 1910 relate to persons from 6 to 20 years of age. This renders it impossible to carry the comparison between the two censuses into all the various details which have been exhibited in connection with the figures for 1910. In order, however, to permit a general comparison of the statistics of the two censuses, certain special tabulations have been made for 1910 with the same age groups as in 1900.

A further distinction between the census of 1910 and that of 1900 lies in the form in which the question was asked. In 1910 the question was whether the person enumerated had attended school at any time between September 1, 1909, and the date of enumeration, April 15, 1910. In 1900 the question was asked as to how many months the person enumerated had attended school during the year prior to the date of enumeration, June 1, 1900. The whole number of persons for whom the length of school attendance was reported was taken to be the aggregate number attending school. It is possible that the greater complexity of the question led to less complete returns at the earlier census, in which case the increased proportion of persons reported as attending school for 1910, as compared with 1900, would be due in part to greater accuracy in the returns.

**United States as a whole.**—Table 19 gives for the United States as a whole comparative figures for 1910 and 1900 for each of the main population groups, with distinction of sex.

In every group of the population given in the table without exception the proportion reported as attending school was greater in 1910 than in 1900. Of the

total population from 5 to 20 years of age, 59.2 per cent were reported at the later census as attending school, as against 50.5 per cent at the earlier census. Among the three subordinate age groups which appear in Table 19 the group 5 to 9 years shows the greatest difference between the proportions reported at the two censuses, and the group 15 to 20 years shows the smallest difference. Among the important racial classes the negroes show the largest gain during the decade in the proportion attending school. The percentages for the Chinese and Japanese also were much higher in 1910 than in 1900, but of course these races have very few representatives between the ages of 5 and 20 years.

**Divisions and states.**—Comparative figures for school attendance as reported at the censuses of 1910 and 1900 for the total population from 5 to 20 years of age, with percentages for the minor age groups, are given, by divisions and states, in Table 20, page 238.

In every division and state and for each of the age groups, except for the age group 15 to 20 years in Nevada, the percentage of children reported as attending school was greater in 1910 than in 1900. Moreover, in nearly every case the greatest gain appears to be in the proportion for the age group 5 to 9 years. The gains in the percentages shown for the total population from 5 to 20 years of age, and especially for the age group from 5 to 9 years, are particularly noticeable in the three southern divisions, and point at the same time to increased school accommodations and to a growing habit of sending children to school at an earlier age. It may be noted specifically that in West Virginia and the District of Columbia alone in the southern divisions was the proportion of the population from 5 to 20 years of age reported as attending school in 1900 as much as one-half. In 1910, on the other hand, there were only five southern states in which the proportion was less than one-half.

# SCHOOL ATTENDANCE.

## COMPARATIVE STATISTICS OF SCHOOL ATTENDANCE, FOR THE UNITED STATES: 1910 AND 1900.

[Per cent not shown where base is less than 10.]

Table 19  CLASS OF POPULATION.	TOTAL NUMBER OF PERSONS ATTENDING SCHOOL.		PERSONS 5 TO 20 YEARS OF AGE.						PERSONS 5 TO 9 YEARS OF AGE.					
			1910			1900			1910			1900		
	1910	1900	Total number.	Attending school.	Per cent.	Total number.	Attending school.	Per cent.	Total number.	Attending school.	Per cent.	Total number.	Attending school.	Per cent.
			Number.	Number.		Number.	Number.		Number.	Number.		Number.	Number.	
<b>Total</b> .....	18,069,891	13,367,147	29,785,887	17,646,877	59.2	26,041,940	13,160,960	50.5	8,760,632	6,024,993	61.7	8,874,123	4,266,202	48.1
<b>Male</b> .....	9,007,659	6,668,825	14,832,536	8,833,533	59.1	13,048,537	6,544,412	50.2	4,824,123	3,628,287	61.5	4,479,386	2,194,307	48.1
<b>Female</b> .....	8,472,232	6,698,324	14,633,467	8,813,344	59.4	12,993,403	6,616,548	50.9	4,836,509	2,396,706	62.0	4,394,737	2,111,895	48.1
<b>White</b> .....	16,279,292	12,231,004	25,992,293	15,945,412	61.3	22,441,947	12,039,594	53.6	8,473,715	6,495,043	64.8	8,768,336	3,971,175	52.0
<b>Male</b> .....	8,220,847	6,137,874	13,092,081	8,031,699	61.3	11,271,583	6,021,533	53.4	4,285,366	2,771,424	64.7	4,862,349	2,009,590	52.0
<b>Female</b> .....	8,058,445	6,093,130	12,900,212	7,913,813	61.3	11,170,364	6,018,141	53.9	4,189,807	2,723,619	65.0	3,775,977	1,968,585	51.9
<b>Negro</b> .....	1,670,505	1,196,734	3,677,860	1,644,759	44.7	3,499,157	1,243,516	31.0	1,243,516	514,014	41.2	1,202,758	284,784	23.7
<b>Male</b> .....	783,569	509,954	1,707,688	717,587	42.0	1,721,758	560,099	32.2	619,175	285,596	46.2	600,410	139,201	23.2
<b>Female</b> .....	886,936	686,780	1,970,172	927,172	46.4	1,777,429	683,417	37.7	624,341	228,418	35.3	602,348	145,583	24.2
<b>Indian</b> .....	33,588	37,537	102,163	51,877	50.8	89,632	36,243	40.4	36,541	14,818	40.6	31,907	9,851	30.8
<b>Chinese</b> .....	3,887	13,949	926	3,314	45.5	4,927	1,250	25.4	1,204	653	51.8	1,034	452	44.1
<b>Japanese</b> .....	2,512	523	6,039	1,459	24.2	6,247	297	4.8	1,088	458	42.1	78	40	40.0
<b>All other</b> .....	92		356	56	15.7				13					
<b>Native white</b> .....	15,627,788	11,849,815	24,403,180	15,330,814	62.8	21,248,914	11,668,616	54.9	8,176,664	5,291,570	64.7	7,491,134	3,885,580	51.9
<b>Male</b> .....	7,882,607	5,943,309	12,267,160	7,175,983	62.9	10,687,135	5,833,538	54.6	4,134,714	2,628,536	64.5	3,788,622	1,966,766	51.9
<b>Female</b> .....	7,746,179	5,906,515	12,136,120	7,014,831	62.7	10,561,779	5,835,078	55.2	4,041,951	2,668,046	64.9	3,702,512	1,918,814	51.8
<b>Native parentage</b> .....	11,110,583	8,244,687	17,246,081	10,892,133	63.2	14,876,715	8,112,850	54.5	5,861,015	3,669,519	62.6	5,174,220	2,516,045	48.6
<b>Male</b> .....	5,611,901	4,141,967	8,691,256	4,885,627	62.0	7,596,903	4,061,193	54.1	2,969,230	1,851,934	62.4	2,625,791	1,275,458	48.6
<b>Female</b> .....	5,498,682	4,102,690	8,554,825	5,904,126	62.2	7,269,812	4,051,657	55.0	2,891,785	1,817,583	62.9	2,548,429	1,240,887	48.6
<b>Foreign or mixed parentage</b> .....	4,517,203	3,665,128	7,157,099	4,438,061	62.0	6,372,199	3,555,766	55.8	2,315,649	1,622,067	70.0	2,316,914	1,309,335	59.1
<b>Male</b> .....	2,270,706	1,831,340	3,575,890	2,227,356	62.3	3,190,232	1,772,345	55.7	1,165,484	816,596	70.1	1,164,831	694,308	59.3
<b>Female</b> .....	2,246,497	1,833,788	3,581,209	2,210,705	61.7	3,181,967	1,783,421	56.0	1,150,165	805,461	70.0	1,152,083	678,227	58.9
<b>Foreign-born white</b> .....	651,506	381,189	1,589,113	614,598	38.1	1,193,033	370,578	31.1	359,200	206,467	68.2	147,192	85,595	58.2
<b>Chinese</b> .....	338,240	194,574	825,031	315,616	38.3	584,448	187,915	32.2	159,652	102,894	64.3	73,727	43,064	58.4
<b>Japanese</b> .....	313,266	186,615	704,082	298,982	39.1	608,585	183,063	30.1	147,887	100,573	68.0	73,465	42,661	57.9

Table 19—Continued.

CLASS OF POPULATION.	PERSONS 10 TO 14 YEARS OF AGE.						PERSONS 15 TO 20 YEARS OF AGE.					
	1910			1900			1910			1900		
	Total number.	Attending school.	Per cent.	Total number.	Attending school.	Per cent.	Total number.	Attending school.	Per cent.	Total number.	Attending school.	Per cent.
	Number.	Number.		Number.	Number.		Number.	Number.		Number.	Number.	
<b>Total</b> .....	9,107,140	8,628,662	88.2	8,080,234	8,451,394	79.8	10,918,225	3,893,222	32.9	9,067,883	2,443,204	26.9
<b>Male</b> .....	4,601,753	4,638,165	87.7	4,083,041	3,215,585	78.8	8,426,654	1,769,181	20.9	6,486,160	1,174,520	18.2
<b>Female</b> .....	4,505,387	3,992,557	88.6	3,997,193	3,235,809	81.0	8,491,571	1,824,061	33.2	4,601,483	1,268,684	27.6
<b>White</b> .....	7,918,408	7,212,607	91.1	6,950,238	5,846,411	84.0	9,598,712	3,237,762	33.7	7,844,383	2,222,008	28.3
<b>Male</b> .....	4,096,104	3,643,988	91.3	3,519,303	2,928,743	83.2	4,800,611	1,616,187	33.7	3,889,931	1,082,910	27.8
<b>Female</b> .....	3,912,304	3,568,619	91.2	3,430,935	2,917,668	84.8	4,798,101	1,621,575	33.8	3,954,452	1,139,098	28.8
<b>Negro</b> .....	791,455	299,465	37.8	1,091,990	387,560	35.5	1,319,513	276,041	20.9	1,204,659	211,172	17.5
<b>Male</b> .....	378,074	139,486	36.9	548,642	207,832	37.9	600,439	143,185	23.8	572,706	86,096	15.0
<b>Female</b> .....	412,380	159,979	38.8	543,348	309,728	57.0	675,602	132,856	19.7	631,953	125,076	19.8
<b>Indian</b> .....	31,393	22,446	71.5	27,979	16,885	60.3	34,229	14,613	42.7	29,716	9,507	32.0
<b>Chinese</b> .....	1,575	1,221	77.5	845	479	56.7	4,447	1,438	32.3	3,058	319	10.4
<b>Japanese</b> .....	477	375	78.6	182	59	32.4	4,474	820	14.0	5,987	198	3.3
<b>All other</b> .....	21						322	33	10.2			
<b>Native white</b> .....	7,560,078	6,904,115	91.3	6,647,673	5,618,931	84.5	8,666,438	3,135,123	36.2	7,110,107	2,164,105	30.4
<b>Male</b> .....	3,824,801	3,486,307	91.2	3,361,671	2,815,012	83.7	4,307,533	1,561,056	36.2	3,536,842	1,055,760	29.8
<b>Female</b> .....	3,735,277	3,417,818	91.5	3,286,002	2,803,919	85.4	4,358,905	1,574,067	36.1	3,573,265	1,110,545	31.1
<b>Native parentage</b> .....	5,324,283	4,827,471	90.7	4,060,390	3,904,900	93.8	6,307,533	2,386,763	39.5	5,072,106	1,691,935	33.6
<b>Male</b> .....	2,430,556	2,439,554	90.3	2,364,797	1,856,336	82.7	3,021,364	1,107,139	36.6	2,615,315	829,390	32.9
<b>Female</b> .....	2,893,727	2,387,917	82.5	1,695,593	1,948,569	94.9	3,039,419	1,198,624	4.4	2,257,790	862,519	38.2
<b>Foreign or mixed parentage</b> .....	2,235,795	2,076,644	92.9	1,987,283	1,714,031	86.2	2,605,655	789,360	30.4	2,068,002	472,200	22.8
<b>Male</b> .....	1,124,145	1,046,843	93.1	996,574	856,676	85.9	1,286,171	363,917	28.3	1,018,527	224,364	22.0
<b>Female</b> .....	1,111,650	1,029,801	92.6	990,499	857,355	86.6	1,319,484	375,445	28.5	1,049,475	247,836	23.6
<b>Foreign-born white</b> .....	358,330	308,992	86.1	311,565	227,480	73.0	952,274	102,619	11.0	734,276	57,903	7.9
<b>Chinese</b> .....	181,303	157,591	86.9	157,612	115,731	73.4	493,076	55,131	11.2	353,059	29,150	8.2
<b>Japanese</b> .....	177,027	160,901	85.2	153,933	111,749	72.6	439,198	47,508	10.8	381,187	28,753	7.5

## COMPARATIVE STATISTICS OF SCHOOL ATTENDANCE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 20 DIVISION AND STATE.	PERSONS 5 TO 20 YEARS OF AGE.				PERSONS UNDER 5 AND OVER 20 YEARS OF AGE ATTENDING SCHOOL.		PER CENT OF POPULATION ATTENDING SCHOOL.							
	Total number.		Number attending school.				5 to 20 years of age.		5 to 9 years of age.		10 to 14 years of age.		15 to 20 years of age.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States	29,785,897	26,641,940	17,646,877	13,160,900	363,014	296,247	59.2	50.5	61.7	48.1	88.2	79.8	32.9	26.9
<b>GEOGRAPHIC DIVISIONS:</b>														
New England	1,848,762	1,567,519	1,193,359	901,924	28,869	25,237	64.5	57.5	79.3	66.5	94.1	90.0	29.0	24.1
Middle Atlantic	5,737,064	4,749,858	3,456,497	2,328,223	74,726	39,894	60.3	53.3	67.3	59.3	92.9	85.7	26.2	20.2
East North Central	5,094,728	5,293,105	3,562,178	3,007,220	72,835	47,628	62.5	56.8	70.1	55.3	93.8	88.1	30.9	27.7
West North Central	3,827,031	3,603,016	2,475,494	2,154,345	55,157	32,562	64.7	58.9	67.7	57.0	96.8	88.3	38.3	33.9
South Atlantic	4,459,120	3,999,118	2,377,044	1,616,355	41,400	21,123	53.3	40.4	49.9	32.6	78.7	65.6	33.6	25.4
East South Central	3,116,180	2,944,696	1,377,020	1,259,673	29,978	15,566	54.6	41.1	50.0	31.3	79.0	65.8	37.2	28.3
West South Central	3,299,750	2,590,057	1,765,344	1,019,020	29,756	10,905	53.5	39.3	46.5	25.4	80.5	68.3	36.4	26.7
Mountain	799,419	535,338	494,287	296,627	10,994	4,416	55.4	59.3	49.2	90.2	85.2	40.3	34.8	34.8
Pacific	1,093,363	711,213	681,564	427,613	19,206	8,622	62.3	60.1	63.4	58.7	94.1	91.8	38.2	34.7
<b>NEW ENGLAND:</b>														
Maine	209,063	199,153	137,671	117,016	3,160	2,900	65.9	68.8	76.0	61.9	92.4	89.5	35.2	31.5
New Hampshire	118,951	110,905	76,068	61,022	1,492	1,271	63.9	59.7	76.8	62.6	94.5	87.5	29.3	23.6
Vermont	101,396	98,414	69,348	58,879	1,183	1,203	68.4	69.0	77.9	64.5	96.6	91.2	36.2	28.8
Massachusetts	941,476	777,110	614,105	454,419	16,014	13,913	65.2	58.5	81.2	68.5	94.5	91.2	29.2	24.0
Rhode Island	158,287	124,646	98,674	64,691	2,568	1,353	59.2	51.9	74.4	64.5	91.6	84.0	23.2	16.5
Connecticut	319,689	257,101	202,503	145,807	4,452	4,337	63.3	56.7	80.9	67.2	94.3	89.9	24.9	20.4
<b>MIDDLE ATLANTIC:</b>														
New York	2,636,393	2,136,764	1,611,496	1,122,712	39,367	20,261	61.5	53.9	73.2	60.8	94.4	88.1	27.3	19.2
New Jersey	758,864	572,923	459,147	303,750	10,125	3,488	60.5	53.4	74.8	62.5	91.8	84.2	23.7	17.7
Pennsylvania	2,357,807	2,031,171	1,386,004	1,059,761	25,234	15,145	58.8	52.7	66.0	56.9	91.6	83.7	25.6	21.8
<b>EAST NORTH CENTRAL:</b>														
Ohio	1,405,040	1,238,345	881,128	779,099	16,920	10,723	62.7	58.3	69.7	59.0	94.3	91.4	32.2	29.5
Indiana	832,200	843,885	518,212	485,821	11,430	6,130	62.3	57.6	66.8	55.3	92.5	90.5	32.8	31.1
Illinois	1,729,929	1,859,915	1,041,227	866,281	23,119	13,544	60.2	54.5	67.8	56.9	93.7	88.2	28.3	26.3
Michigan	854,710	790,275	558,126	456,148	10,800	8,578	65.3	57.7	73.9	60.4	95.5	89.8	33.7	26.6
Wisconsin	782,789	730,685	503,375	418,951	11,526	8,633	64.3	57.3	75.4	61.3	93.9	88.4	29.6	24.1
<b>WEST NORTH CENTRAL:</b>														
Minnesota	695,788	612,990	432,077	332,053	10,790	5,756	65.2	57.4	67.9	56.9	95.6	89.5	37.7	27.8
Iowa	721,392	767,870	477,453	483,969	11,819	8,799	67.6	63.0	76.9	67.2	94.0	91.0	38.0	34.4
Missouri	1,063,618	1,105,258	653,509	597,367	12,463	7,404	61.4	54.0	63.4	50.3	91.6	83.4	35.4	31.3
North Dakota	198,361	112,789	119,006	58,128	2,643	710	60.0	51.5	57.6	43.2	90.0	84.3	36.5	29.4
South Dakota	198,623	147,165	124,217	88,514	2,686	1,307	62.7	60.1	60.3	51.6	92.0	90.5	40.3	39.4
Nebraska	400,452	386,384	269,593	243,907	6,236	4,669	67.3	63.1	73.5	61.4	94.9	91.8	39.8	38.4
Kansas	551,967	527,560	330,579	330,397	8,520	4,607	60.0	62.6	66.6	57.8	95.2	91.1	44.2	41.5
<b>SOUTH ATLANTIC:</b>														
Delaware	61,948	59,635	38,703	28,466	627	287	57.6	47.7	60.3	45.9	88.4	78.8	30.1	22.2
Maryland	415,905	403,026	230,123	183,390	4,505	2,451	55.3	45.5	60.8	45.1	85.7	76.6	24.8	18.6
District of Columbia	84,491	77,291	52,124	39,027	2,564	877	61.7	50.5	67.4	44.9	93.2	87.5	35.0	25.7
Virginia	750,782	704,771	395,987	297,304	5,709	4,026	52.7	42.2	44.2	33.1	80.5	68.5	35.6	27.3
West Virginia	428,683	356,471	263,150	194,294	4,261	2,116	61.4	51.7	59.5	41.7	90.9	82.1	37.4	34.3
North Carolina	847,886	733,820	496,228	313,063	8,668	4,626	57.4	41.5	40.9	30.2	71.8	63.3	43.2	33.1
South Carolina	607,937	560,773	295,288	174,081	5,071	2,847	48.6	31.2	82.9	22.6	79.9	32.1	32.6	20.8
Georgia	998,715	885,725	487,408	310,214	7,373	3,374	48.8	35.5	47.8	29.3	72.2	58.2	27.9	19.3
Florida	262,783	197,600	130,733	85,907	2,622	1,019	49.7	43.0	47.6	34.4	73.8	71.1	30.8	27.6
<b>EAST SOUTH CENTRAL:</b>														
Kentucky	812,192	798,027	465,705	381,434	7,776	3,840	57.3	47.8	54.1	38.2	84.4	76.8	36.5	30.7
Tennessee	702,122	780,421	443,411	336,072	7,779	4,845	55.8	43.1	50.0	33.1	81.7	68.4	38.9	30.1
Alabama	811,307	733,222	389,069	236,922	6,876	3,511	48.1	32.3	40.2	20.4	71.7	54.5	34.4	24.2
Mississippi	697,569	633,026	401,935	255,245	6,740	3,750	57.6	40.3	56.9	33.5	78.2	61.5	39.0	27.8
<b>WEST SOUTH CENTRAL:</b>														
Arkansas	595,950	529,375	327,911	227,374	5,884	2,806	55.0	43.0	50.5	32.0	77.8	66.3	39.8	32.5
Louisiana	622,046	548,267	282,764	152,192	4,203	1,527	40.6	28.3	38.1	21.4	62.5	50.5	23.0	14.5
Oklahoma	611,791	305,781	398,319	129,015	5,882	1,527	63.5	42.1	38.0	31.6	91.2	66.9	44.4	29.3
Texas	1,469,983	1,215,034	766,350	510,439	12,727	5,035	54.2	42.0	43.6	22.6	84.8	77.5	37.2	29.9
<b>MOUNTAIN:</b>														
Montana	100,972	65,871	61,468	38,177	1,287	333	60.9	38.0	61.0	55.5	90.3	89.9	37.2	32.3
Idaho	104,439	84,964	67,291	32,711	1,312	376	64.4	39.5	56.4	50.3	93.2	90.6	47.2	40.3
Wyoming	38,593	27,500	23,270	14,740	475	177	60.3	56.5	62.4	51.3	91.4	86.7	35.5	29.2
Colorado	231,399	169,531	149,779	95,075	3,683	1,633	64.7	39.2	65.6	55.0	93.7	89.0	40.7	36.9
New Mexico	114,227	69,712	65,408	28,336	969	339	57.6	40.6	53.3	31.7	81.7	65.6	40.7	26.1
Arizona	61,624	39,868	30,761	17,130	555	229	49.1	45.9	40.1	37.7	68.6	60.9	30.8	24.5
Utah	189,809	105,513	85,662	64,017	2,454	908	65.4	60.1	60.5	50.6	95.0	92.2	44.1	39.9
Nevada	17,326	11,399	10,398	6,433	249	218	59.5	56.5	62.8	52.4	90.0	85.7	34.3	29.9
<b>PACIFIC:</b>														
Washington	314,213	158,245	196,781	99,318	4,914	1,413	62.6	62.8	61.3	69.9	94.5	93.0	39.5	37.5
Oregon	187,043	122,847	118,005	62,237	3,404	1,274	63.1	61.9	61.2	57.9	94.2	92.7	41.2	38.9
California	592,167	420,081	366,778	245,958	10,888	5,935	61.9	38.6	65.3	58.1	93.8	91.1	36.6	32.5

1 Includes population of Indian Territory for 1900.

## ILLITERACY.

## UNITED STATES AS A WHOLE.

The population schedule for the census of 1910 contained two inquiries relating to illiteracy, namely, as to whether the person enumerated was able to read and as to whether he or she was able to write. Answers to these questions were required only in the case of persons 10 years of age and over. The statistics, unless otherwise more particularly limited, relate to this class of the population. The Bureau of the Census classifies as illiterate any person 10 years of age or over who is unable to write, regardless of ability to read. A considerable number of persons were reported as able to read, though not able to write, but the statistics in regard to this class have not seemed of sufficient significance to call for a separate presentation in a summary of illiteracy statistics.

**Number of illiterates.**—The whole number of persons 10 years of age and over enumerated at the census of 1910 who were reported as unable to write was 5,516,163. The distribution of this number by color or race, nativity, and parentage, together with corresponding figures for the three previous censuses, is given in Table 21.

CLASS OF POPULATION.	ILLITERATE POPULATION 10 YEARS OF AGE AND OVER.				
	1910		1900	1890	1880
	Number.	Per cent of total.			
<b>Total</b> .....	<b>5,516,163</b>	<b>100.0</b>	<b>6,180,069</b>	<b>1,624,702</b>	<b>6,239,958</b>
White.....	3,184,633	57.7	3,209,740	3,212,571	3,019,060
Native.....	1,534,272	27.8	1,913,611	2,005,003	2,253,460
Native parentage.....	1,378,884	25.0	1,734,764	1,890,723	1,742,280
Foreign or mixed par.....	155,388	2.8	178,847	174,280	765,620
Foreign born.....	1,650,361	29.9	1,287,135	1,147,571	765,620
Negro.....	2,227,731	40.4	2,853,194	3,042,668	
Indian.....	85,445	1.5	96,347		
Chinese.....	10,801	0.2	25,396		3,220,878
Japanese.....	6,213	0.1	4,386	69,460	
All other.....	1,250	(*)			

\* Exclusive of illiterate persons in Indian Territory and on Indian reservations, areas specially enumerated in 1880, but for which illiteracy statistics are not available.

† Less than one-tenth of 1 per cent.

The whites, who in 1910 constituted 89.3 per cent of the total population 10 years of age and over, contributed 57.7 per cent of the illiterates, while the negroes, constituting 10.2 per cent of the total population 10 years of age and over, contributed 40.4 per cent of the illiterates. Among the remaining classes—the Indians, Chinese, Japanese, and all others—the total number of illiterates was 103,799, or 1.9 per cent of all illiterates reported.

The number of illiterates reported in 1910 was considerably less than the number reported at any of the three preceding censuses covered by Table 21. Despite the fact of continuous growth in the population of the country, there was comparatively little difference in the number of illiterates reported at the censuses of 1880, 1890, and 1900, the largest number being reported in 1890. From 1890 to 1910 the number of illiterate whites gradually decreased, while the number

of illiterate native whites has shown a decrease at each succeeding census since 1880, the decrease being most marked between 1900 and 1910. On the other hand, the number of illiterate foreign-born whites steadily increased, rising from 763,620 in 1880 to 1,650,361 in 1910. The number of illiterates among the negroes was decidedly smaller in 1910 than in 1890, the first census year at which illiterate negroes were clearly distinguished from all other classes of the population.

**Percentage of illiteracy.**—The significance of the figures relating to illiteracy can best be seen by a comparison of the number of illiterates with the corresponding total population. Table 22 shows the total population 10 years of age and over, and the number and percentage illiterate, by color or race, nativity, and parentage.

CLASS OF POPULATION.	POPULATION 10 YEARS OF AGE AND OVER: 1910		
	Total.	Illiterate.	
		Number.	Per cent.
<b>Total</b> .....	<b>71,580,270</b>	<b>5,516,163</b>	<b>7.7</b>
White.....	63,938,870	3,184,633	5.0
Native.....	50,989,341	1,534,272	3.0
Native parentage.....	37,081,278	1,378,884	3.7
Foreign or mixed parentage.....	13,908,063	155,388	1.1
Foreign born.....	12,944,529	1,650,361	12.7
Negro.....	7,317,922	2,227,731	30.4
Indian.....	188,738	85,445	45.3
Chinese.....	68,424	10,801	15.8
Japanese.....	67,661	6,213	9.2
All other.....	3,135	1,250	39.9

Of the entire population 10 years of age and over in 1910, 7.7 per cent were illiterate. Of the whites 5 per cent were illiterate and of the negroes 30.4 per cent. Among the foreign-born whites 12.7 per cent were illiterate as compared with 3 per cent among the native whites. The lowest percentage of illiteracy, 1.1, was among the native whites of foreign or mixed parentage, while among the native whites of native parentage the percentage was 3.7.

The changes in the percentage of illiteracy in the United States since 1880 are shown for the several classes of the population in Table 23.

CLASS OF POPULATION.	PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER.			
	1910	1900	1890	1880
<b>Total</b> .....	<b>7.7</b>	<b>10.7</b>	<b>13.3</b>	<b>17.0</b>
White.....	5.9	6.2	7.7	9.4
Native.....	3.0	4.6	6.2	8.7
Native parentage.....	3.7	5.7	7.5	.....
Foreign or mixed parentage.....	1.1	1.6	2.2	.....
Foreign born.....	12.7	12.9	13.1	12.0
Negro.....	30.4	44.5	57.1	.....
Indian.....	45.3	56.2	.....	70.0
Chinese.....	15.8	29.0	45.2	.....
Japanese.....	9.2	18.2	.....	.....
All other.....	39.9	.....	.....	.....

The percentage of illiteracy for the population as a whole declined from 17 in 1880 to 7.7 in 1910. With the exception of the foreign-born whites, each class of the population shared in this decline, which was gradual and uninterrupted from census to census. In the native white group the percentage of illiteracy in 1910 was less than one-half as high as in 1880, and the same is evidently true of the negroes, who constituted much the larger part of the total non-white population for which the percentage is shown for 1880. The percentage of illiteracy among the foreign-born whites increased somewhat between 1880 and 1890, but decreased slightly during the following decades.

**Illiteracy by sex.**—Table 24 gives for 1910 a statement of illiteracy by sex and by color or race, nativity, and parentage.

CLASS OF POPULATION.	POPULATION 10 YEARS OF AGE AND OVER: 1910					
	Male.			Fem. Je.		
	Total.	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.
<b>Total</b> .....	<b>37,027,553</b>	<b>2,814,950</b>	<b>7.6</b>	<b>34,582,712</b>	<b>2,701,213</b>	<b>7.8</b>
White.....	33,164,229	1,662,565	5.0	30,769,644	1,322,138	4.9
Native.....	22,845,023	796,055	3.1	23,146,208	728,217	3.2
Native parentage.....	18,933,751	715,226	3.8	18,147,827	662,958	3.7
Foreign or mixed parentage.....	6,909,282	89,129	1.2	6,998,781	75,259	1.1
Foreign born.....	7,321,196	866,450	11.8	5,624,333	783,911	13.9
Negro.....	3,637,586	1,096,000	30.1	3,680,536	1,131,731	30.7
Indian.....	96,582	40,104	41.5	92,176	45,341	49.2
Chinese.....	65,479	9,819	15.0	3,445	1,662	30.2
Japanese.....	60,909	3,247	8.6	6,832	566	14.1
All other.....	3,073	1,245	40.5	62	5	(1)

<sup>1</sup> Per cent not shown where base is less than 100.

In the total population 10 years of age and over the percentage of illiteracy for females was slightly higher than that for males. The percentage for females was greater than that for males among the negroes, Indians, Chinese, and Japanese, the difference being especially marked in the case of the last three classes named. Among the whites the percentage of illiteracy was slightly greater for males than for females. Figures for the component elements of the white group show, however, that among the native born, whether of native or of foreign or mixed parentage, illiteracy was less frequent among females, while among the foreign born the contrary was the case.

**Illiteracy by age periods.**—Table 27 on the next page shows the total population in the various age groups, with the number and percentage illiterate, classified by sex and by color or race, nativity, and parentage. Table 25 reproduces the more important percentages shown in Table 27.

While for the entire population 10 years of age and over the percentage of illiteracy was 7.7, it will be noted that in the age group 10 to 14 years only 4.1 per cent were illiterate. Each succeeding age group shows

a greater proportion of illiterates, but not until the age group 35 to 44 years is reached does the percentage of illiteracy for a single group become as large as the average for all ages; in the final age group, 65 years and over, however, the proportion of illiteracy was almost double the average for the total population 10 years of age and over. These figures reflect in part the educational conditions under which successive generations have grown up. A particular interest attaches to the figures for the younger groups, inasmuch as they indicate in some degree the efficiency of our present educational system. As in the population as a whole, so in each of its main classes except the foreign-born whites, the proportion of illiteracy is larger in each succeeding age group. The maximum percentage of illiteracy for the foreign-born whites, 15.3, is shown for the age group 20 to 24 years, but in each succeeding age group except the last—65 years and over—the proportion of illiterates for this class was smaller than in the preceding group. The fact that immigration in recent years has been drawn more largely than formerly from countries with a high degree of illiteracy probably accounts for this condition.

Table 25

AGE PERIOD.	White.						Negro.
	All classes.	Native.				Foreign born.	
		Total.	Total.	Native parentage.	Foreign or mixed parentage.		
<b>10 years and over</b> .....	<b>7.7</b>	<b>5.0</b>	<b>4.1</b>	<b>3.0</b>	<b>3.7</b>	<b>1.1</b>	<b>12.7</b>
10 to 14 years.....	4.1	1.8	1.7	2.2	0.6	3.5	18.9
15 to 19 years.....	4.9	2.8	1.9	2.4	0.8	12.8	20.3
20 to 24 years.....	6.9	4.6	2.3	3.8	0.9	15.3	32.9
25 to 29 years.....	7.3	5.2	2.4	3.0	0.9	14.4	24.6
30 to 34 years.....	8.1	5.4	3.0	3.8	1.1	12.3	32.3
35 to 39 years.....	10.7	6.7	5.0	6.0	1.9	11.1	32.7
40 to 44 years.....	14.5	9.4	7.3	7.6	4.7	13.8	74.5

**Illiteracy in the urban and the rural population.**—The proportion of illiteracy is higher in the rural than in the urban population. Table 26 shows the percentage of illiteracy for the urban and the rural population in 1910, classified by color or race, nativity, and parentage. (For absolute numbers see Table 32 on a subsequent page.)

Table 26

CLASS OF POPULATION.	PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER: 1910.		
	Total.	Urban.	Rural.
<b>Total</b> .....	<b>7.7</b>	<b>5.1</b>	<b>10.1</b>
White.....	5.0	4.2	5.8
Native.....	3.0	0.8	4.8
Native parentage.....	3.7	0.9	5.4
Foreign or mixed parentage.....	1.1	0.7	1.9
Foreign born.....	12.7	12.6	13.2
Negro.....	30.4	17.6	36.1
Indian, Chinese, Japanese, and all other.....	31.6	11.0	40.0

# ILLITERACY.

## ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, FOR THE UNITED STATES: 1910.

[Per cent not shown where base is less than 100.]

Table 27.	CLASS OF POPULATION.	POPULATION 10 YEARS OF AGE AND OVER: 1910 <sup>1</sup>			POPULATION 10 YEARS OF AGE AND OVER: 1910 <sup>1</sup>			PERSONS 10 TO 14 YEARS OF AGE: 1910		
		Total.	Illiterate.		Total.	Illiterate.		Total.	Illiterate.	
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
	<b>Total population</b> .....	<b>71,580,270</b>	<b>5,516,183</b>	<b>7.7</b>	<b>57,949,824</b>	<b>6,180,069</b>	<b>10.7</b>	<b>9,107,140</b>	<b>370,136</b>	<b>4.1</b>
	Male.....	37,627,858	2,814,590	7.6	29,793,440	3,111,224	10.4	4,401,733	211,763	4.6
	Female.....	34,952,412	2,701,593	7.8	28,246,384	3,168,845	11.2	4,705,367	158,373	3.3
	<b>White</b> .....	<b>63,833,870</b>	<b>3,184,633</b>	<b>5.0</b>	<b>51,250,918</b>	<b>3,200,746</b>	<b>6.2</b>	<b>7,918,408</b>	<b>144,675</b>	<b>1.8</b>
	Male.....	33,164,229	1,622,995	5.0	26,327,531	1,567,153	6.0	4,006,104	82,569	2.1
	Female.....	30,769,641	1,561,638	4.9	24,923,387	1,633,593	6.6	3,912,304	62,106	1.6
	<b>Negro</b> .....	<b>7,917,922</b>	<b>2,227,311</b>	<b>28.4</b>	<b>6,415,761</b>	<b>2,833,194</b>	<b>44.5</b>	<b>1,175,266</b>	<b>218,585</b>	<b>18.9</b>
	Male.....	3,437,386	1,096,000	30.1	3,181,820	1,371,432	43.1	575,074	123,616	21.7
	Female.....	3,680,536	1,131,311	30.7	3,233,941	1,461,762	45.8	577,192	95,969	16.1
	<b>Indian</b> .....	<b>188,758</b>	<b>85,445</b>	<b>45.3</b>	<b>171,552</b>	<b>96,347</b>	<b>56.2</b>	<b>31,383</b>	<b>6,738</b>	<b>21.7</b>
	Male.....	96,582	40,104	41.5	86,504	45,376	52.5	16,199	3,523	21.7
	Female.....	92,176	45,341	49.2	85,048	50,971	59.9	15,194	3,275	21.6
	<b>Chinese</b> .....	<b>68,924</b>	<b>10,891</b>	<b>15.8</b>	<b>87,882</b>	<b>23,396</b>	<b>29.0</b>	<b>1,575</b>	<b>87</b>	<b>5.5</b>
	Male.....	65,473	9,849	15.0	84,141	23,622	27.4	1,083	44	4.1
	Female.....	3,451	1,042	30.2	3,741	2,344	65.2	490	43	8.8
	<b>Japanese</b> .....	<b>67,661</b>	<b>6,213</b>	<b>9.2</b>	<b>24,091</b>	<b>4,386</b>	<b>18.2</b>	<b>477</b>	<b>30</b>	<b>4.2</b>
	Male.....	60,809	5,247	8.6	23,214	4,211	18.1	273	10	3.7
	Female.....	6,852	966	14.1	877	175	20.0	204	10	4.9
	<b>Native white</b> .....	<b>50,989,341</b>	<b>1,334,272</b>	<b>3.0</b>	<b>41,232,662</b>	<b>1,913,611</b>	<b>4.6</b>	<b>7,560,078</b>	<b>131,991</b>	<b>1.7</b>
	Male.....	25,848,033	796,055	3.1	20,916,940	956,517	4.6	3,824,801	76,359	2.0
	Female.....	25,146,308	738,217	2.9	20,325,722	958,094	4.7	3,735,277	55,632	1.5
	<b>Native parentage</b> .....	<b>37,041,278</b>	<b>1,378,884</b>	<b>3.7</b>	<b>30,310,261</b>	<b>1,734,764</b>	<b>5.7</b>	<b>5,324,283</b>	<b>117,973</b>	<b>2.2</b>
	Male.....	18,933,751	715,926	3.8	15,432,858	862,175	5.6	2,700,656	69,087	2.6
	Female.....	18,107,527	662,958	3.7	14,877,403	872,589	5.9	2,623,627	48,886	1.9
	<b>Foreign or mixed parentage</b> .....	<b>13,998,063</b>	<b>155,388</b>	<b>1.1</b>	<b>10,926,401</b>	<b>178,847</b>	<b>1.6</b>	<b>2,233,795</b>	<b>14,018</b>	<b>0.6</b>
	Male.....	6,999,262	80,129	1.2	5,460,958	93,342	1.7	1,124,145	7,272	0.6
	Female.....	6,998,791	75,259	1.1	5,465,443	85,505	1.6	1,111,650	6,746	0.6
	<b>Foreign-born white</b> .....	<b>12,844,526</b>	<b>1,650,361</b>	<b>12.8</b>	<b>10,044,255</b>	<b>1,267,135</b>	<b>12.9</b>	<b>358,330</b>	<b>12,684</b>	<b>3.5</b>
	Male.....	7,521,156	826,456	11.7	5,414,991	611,636	11.3	181,303	6,210	3.4
	Female.....	5,323,333	783,911	13.9	4,599,265	675,499	14.7	177,027	6,474	3.7

Table 27—Continued.

Table 27—Continued.	CLASS OF POPULATION.	PERSONS 15 TO 19 YEARS OF AGE: 1910			PERSONS 20 TO 24 YEARS OF AGE: 1910			PERSONS 25 TO 34 YEARS OF AGE: 1910		
		Total.	Illiterate.		Total.	Illiterate.		Total.	Illiterate.	
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
	<b>Total population</b> .....	<b>9,063,003</b>	<b>448,414</b>	<b>4.9</b>	<b>9,058,984</b>	<b>622,073</b>	<b>6.9</b>	<b>15,182,188</b>	<b>1,102,384</b>	<b>7.3</b>
	Male.....	4,527,282	202,778	4.5	4,586,286	343,480	7.5	7,961,118	597,681	7.6
	Female.....	4,535,721	185,636	4.1	4,472,698	278,593	6.2	7,221,072	504,772	7.0
	<b>White</b> .....	<b>7,969,391</b>	<b>226,422</b>	<b>2.8</b>	<b>7,986,411</b>	<b>367,669</b>	<b>4.6</b>	<b>13,524,412</b>	<b>702,962</b>	<b>5.2</b>
	Male.....	3,999,143	132,616	3.3	4,070,955	211,661	5.2	7,089,393	403,283	5.7
	Female.....	3,969,248	93,806	2.4	3,915,456	155,908	4.0	6,435,019	299,677	4.7
	<b>Negro</b> .....	<b>1,090,416</b>	<b>214,860</b>	<b>19.7</b>	<b>1,540,795</b>	<b>245,960</b>	<b>16.0</b>	<b>1,549,316</b>	<b>280,742</b>	<b>18.2</b>
	Male.....	607,945	126,459	20.9	882,157	129,970	14.6	753,968	183,993	24.4
	Female.....	552,471	88,401	16.0	658,638	118,990	18.3	795,348	196,749	24.7
	<b>Indian</b> .....	<b>28,486</b>	<b>6,513</b>	<b>22.9</b>	<b>21,844</b>	<b>6,756</b>	<b>30.9</b>	<b>33,880</b>	<b>13,692</b>	<b>41.0</b>
	Male.....	14,612	3,169	21.7	11,265	3,138	27.9	16,993	6,184	36.4
	Female.....	10,874	3,344	30.4	10,579	3,618	34.2	16,887	7,508	45.8
	<b>Chinese</b> .....	<b>3,479</b>	<b>303</b>	<b>8.8</b>	<b>4,451</b>	<b>559</b>	<b>12.6</b>	<b>10,551</b>	<b>1,534</b>	<b>14.5</b>
	Male.....	3,059	238	8.4	3,979	425	10.7	9,708	1,241	12.8
	Female.....	380	45	11.8	472	134	28.4	843	293	34.8
	<b>Japanese</b> .....	<b>2,674</b>	<b>228</b>	<b>8.5</b>	<b>12,914</b>	<b>1,026</b>	<b>7.9</b>	<b>33,182</b>	<b>2,935</b>	<b>8.8</b>
	Male.....	2,328	190	8.2	11,875	835	7.5	29,731	2,427	8.2
	Female.....	346	38	11.0	1,039	171	11.1	3,451	498	14.4
	<b>Native white</b> .....	<b>7,294,630</b>	<b>140,323</b>	<b>1.9</b>	<b>6,556,030</b>	<b>148,541</b>	<b>2.3</b>	<b>10,356,001</b>	<b>247,774</b>	<b>2.4</b>
	Male.....	3,647,389	83,510	2.3	3,247,035	84,896	2.6	6,210,149	136,583	2.6
	Female.....	3,647,241	56,813	1.5	3,308,995	63,645	1.9	5,145,852	111,191	2.2
	<b>Native parentage</b> .....	<b>4,089,055</b>	<b>121,878</b>	<b>3.0</b>	<b>4,682,922</b>	<b>130,991</b>	<b>2.8</b>	<b>7,450,675</b>	<b>230,797</b>	<b>3.0</b>
	Male.....	2,352,528	75,394	3.2	2,332,914	75,193	3.2	3,788,166	121,983	3.2
	Female.....	1,736,527	46,484	2.7	2,350,008	55,798	2.4	3,662,509	108,814	2.9
	<b>Foreign or mixed parentage</b> .....	<b>2,385,575</b>	<b>18,445</b>	<b>0.8</b>	<b>1,873,168</b>	<b>17,550</b>	<b>0.9</b>	<b>2,905,326</b>	<b>26,977</b>	<b>0.9</b>
	Male.....	1,196,361	8,229	0.8	9,363	1,033	1.0	14,521,983	14,521	0.1
	Female.....	1,110,714	8,229	0.7	988,987	8,157	0.9	1,483,343	12,377	0.8
	<b>Foreign-born white</b> .....	<b>673,761</b>	<b>86,100</b>	<b>12.8</b>	<b>1,480,381</b>	<b>219,128</b>	<b>15.3</b>	<b>3,168,411</b>	<b>455,188</b>	<b>14.4</b>
	Male.....	351,754	47,106	13.4	823,930	127,275	15.4	1,879,244	266,702	14.2
	Female.....	322,007	39,003	12.1	656,451	91,853	15.1	1,289,167	188,486	14.6

<sup>1</sup>Includes the small group "Age unknown," statistics for which are not shown separately.

ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, FOR THE UNITED STATES: 1910 AND 1900—Contd.

Table 27—Continued.

CLASS OF POPULATION.	PERSONS 35 TO 44 YEARS OF AGE: 1910			PERSONS 45 TO 64 YEARS OF AGE: 1910			PERSONS 65 YEARS OF AGE AND OVER: 1910		
	Total.	Illiterate.		Total.	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
<b>Total population</b> .....	<b>11,457,687</b>	<b>940,510</b>	<b>8.1</b>	<b>13,424,089</b>	<b>1,436,907</b>	<b>10.7</b>	<b>3,949,524</b>	<b>573,799</b>	<b>14.5</b>
Male.....	6,153,346	460,287	7.5	7,163,332	872,684	9.4	1,885,974	248,375	12.5
Female.....	5,504,321	474,223	8.6	6,260,757	754,223	12.2	1,963,548	324,924	16.5
<b>White</b> .....	<b>10,512,117</b>	<b>869,403</b>	<b>8.1</b>	<b>12,249,904</b>	<b>821,957</b>	<b>6.7</b>	<b>3,640,003</b>	<b>342,420</b>	<b>9.4</b>
Male.....	5,561,221	460,287	8.3	6,518,282	387,611	5.9	1,825,019	155,162	7.4
Female.....	4,950,896	265,654	5.4	5,731,622	434,316	7.6	1,814,984	207,318	11.4
<b>Negro</b> .....	<b>1,088,862</b>	<b>351,858</b>	<b>32.3</b>	<b>1,108,103</b>	<b>584,514</b>	<b>52.7</b>	<b>294,124</b>	<b>219,255</b>	<b>74.5</b>
Male.....	550,130	152,132	27.7	565,554	267,588	44.9	152,482	107,877	70.7
Female.....	538,732	199,726	37.1	542,549	316,926	61.8	141,642	111,378	78.6
<b>Indian</b> .....	<b>26,785</b>	<b>15,291</b>	<b>57.1</b>	<b>32,935</b>	<b>24,397</b>	<b>74.1</b>	<b>12,956</b>	<b>11,372</b>	<b>87.6</b>
Male.....	13,847	6,951	50.2	17,055	11,679	68.5	6,159	5,178	84.5
Female.....	12,938	8,340	64.4	15,879	12,718	80.1	6,797	6,194	91.3
<b>Chinese</b> .....	<b>15,492</b>	<b>2,205</b>	<b>14.3</b>	<b>29,647</b>	<b>5,436</b>	<b>18.3</b>	<b>2,330</b>	<b>717</b>	<b>30.8</b>
Male.....	14,748	1,948	13.2	29,113	5,203	17.9	2,208	683	30.1
Female.....	654	257	39.3	534	233	43.6	62	34	54.1
<b>Japanese</b> .....	<b>13,945</b>	<b>1,493</b>	<b>10.7</b>	<b>3,219</b>	<b>451</b>	<b>14.0</b>	<b>40</b>	<b>10</b>	<b>25.0</b>
Male.....	12,865	1,277	9.9	3,045	422	13.9	38	10	26.3
Female.....	1,080	216	20.0	174	29	16.7	2	0	0.0
<b>Native white</b> .....	<b>7,895,549</b>	<b>235,489</b>	<b>3.0</b>	<b>8,857,366</b>	<b>446,855</b>	<b>5.0</b>	<b>2,456,654</b>	<b>179,219</b>	<b>7.3</b>
Male.....	3,967,095	120,488	3.0	4,635,547	217,983	4.7	1,215,011	75,635	6.0
Female.....	3,892,854	115,001	3.0	4,233,859	229,472	5.4	1,238,643	106,184	8.6
<b>Native parentage</b> .....	<b>5,495,766</b>	<b>210,694</b>	<b>3.8</b>	<b>6,740,000</b>	<b>405,784</b>	<b>6.0</b>	<b>2,201,068</b>	<b>167,099</b>	<b>7.6</b>
Male.....	2,854,044	107,355	3.8	3,947,329	192,258	5.6	1,089,319	67,732	6.2
Female.....	2,641,722	103,339	3.9	3,192,675	208,526	6.5	1,111,719	99,347	8.9
<b>Foreign or mixed parentage</b> .....	<b>2,304,785</b>	<b>24,785</b>	<b>1.1</b>	<b>2,117,386</b>	<b>41,071</b>	<b>1.9</b>	<b>255,586</b>	<b>12,280</b>	<b>4.7</b>
Male.....	1,145,631	13,133	1.1	1,076,222	20,125	1.9	128,662	5,283	4.1
Female.....	1,161,132	11,662	1.0	1,041,164	20,946	2.0	126,924	6,837	5.4
<b>Foreign-born white</b> .....	<b>2,711,568</b>	<b>393,914</b>	<b>14.5</b>	<b>3,392,518</b>	<b>375,102</b>	<b>11.1</b>	<b>1,183,349</b>	<b>163,201</b>	<b>13.8</b>
Male.....	1,563,526	183,231	11.7	1,894,735	170,258	9.0	667,008	82,667	10.2
Female.....	1,148,042	150,683	13.1	1,497,783	204,844	13.7	576,341	101,134	17.5

While in the whole urban population 10 years of age and over in 1910, 5.1 per cent were illiterate, in the rural population the percentage was 10.1, or almost double. The contrast between urban and rural illiteracy is by far the greatest in the case of the native whites of native parentage, of whom less than 1 per cent were illiterate in urban communities and over 5 per cent in rural districts. There was also a much higher percentage of illiteracy among the negroes in rural districts than in urban communities.

The differences here observed between the percentages of illiteracy in the urban and the rural population explain in part the differences in the proportion of illiteracy among the different classes of the population as a whole. Because of the high proportion of the native whites of native parentage and of the negroes living in rural districts, the percentage of illiteracy for each of these two classes as a whole approaches the percentage indicated for that portion of the class living in the rural districts. On the other hand, the native whites of foreign or of mixed parentage are largely city dwellers, and their general percentage approaches the urban percentage more closely than the rural.

It may be noted that the considerable divergence between the native whites of native parentage and those of foreign or mixed parentage almost disappears when the figures for the two classes are compared for urban communities. Further light upon the differences among the various classes can be gained from a study of the geographic distribution of illiteracy.

#### DIVISIONS AND STATES.

The significance of the number of illiterates can be seen most clearly when a comparison is made with the aggregate population in which the illiterates are contained. It has seemed advisable in some cases, however, to give the number and percentage of illiterates without the aggregate population on which the percentage is based, it being understood that the figures representing the total population in any age group may be found in Chapter 3, relating to age. The importance, however, for the study of illiteracy, of the population 10 years of age and over makes it desirable to print here for convenience of reference the statistics of this population classified according to sex and color or race, nativity, and parentage, for divisions and states (Table 29, page 244).

**Percentage of illiteracy.**—Table 30 (page 247) gives by divisions and states for 1910 and 1900 the number and percentage illiterate, with separate figures for the most important of the color or race, nativity, and parentage classes. Table 28 presents in more compact form the percentages alone for the divisions, and for the larger sections of the country—the North, the South, and the West, which comprise respectively the first four, the next three, and the last two divisions.

**Table 28** PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER, 1910

DIVISION AND SECTION	All classes.		Native white.						Negro.	
	1910	1900	Native parentage.		Foreign or mixed parentage.		Foreign-born white.			
			1910	1900	1910	1900	1910	1900		
			1910	1900	1910	1900	1910	1900		
United States.....	7.7	10.7	3.7	5.7	1.1	1.6	12.7	12.9	30.4	44.5
New England.....	5.3	6.9	0.7	0.9	1.3	2.1	13.8	16.2	7.8	11.6
Middle Atlantic.....	5.7	5.8	1.2	2.0	0.8	1.2	15.8	15.8	7.9	14.2
East North Central.....	3.4	4.3	1.7	2.8	0.9	1.4	10.1	10.2	11.0	15.5
West North Central.....	2.9	4.1	1.7	2.9	0.7	1.1	7.6	8.0	14.9	25.4
South Atlantic.....	15.0	23.8	8.0	12.0	1.2	2.1	13.5	12.9	32.5	47.1
East South Central.....	17.4	24.9	9.6	13.6	1.2	2.6	9.7	10.4	34.8	49.2
West South Central.....	13.2	20.5	5.6	9.2	7.7	9.1	25.6	27.2	33.1	48.0
Mountain.....	6.9	9.6	3.6	7.1	1.2	1.9	12.5	10.6	8.0	13.5
Pacific.....	3.0	4.2	0.4	0.8	0.5	0.9	8.0	7.3	6.3	12.7
The North.....	4.3	5.0	1.4	2.4	0.9	1.4	12.7	12.8	10.5	18.2
The South.....	15.0	23.3	7.7	11.8	4.3	5.1	18.8	19.1	33.3	48.0
The West.....	4.4	6.3	1.7	3.4	0.8	1.3	9.5	8.5	7.0	13.1

In the total population 10 years of age and over the percentage of illiteracy in 1910 was practically the same in the North and the West, but it was much greater in the South. The division showing the lowest proportion of illiterates was the West North Central, where only 2.9 per cent of the population 10 years of age and over were reported as illiterate, while the highest proportion, 17.4, was reported for the East South Central division. In the North the percentage of illiteracy was somewhat higher in the Middle Atlantic and New England divisions, where the foreign born are more numerous, than in the two central divisions. The percentage of illiteracy was decidedly higher in the Mountain division than in the Pacific, but it should be noted that this higher percentage is mainly due to exceptionally high percentages in two states—New Mexico and Arizona.

In all divisions the percentage of illiteracy for native whites of native parentage was lower than that for the total population. The lowest percentage of illiteracy in this class in any division was in the Pacific, where

only 0.4 per cent were reported as illiterate, and the highest percentage, 9.6, in the East South Central. The proportion of illiterates among the native whites of native parentage was considerably lower in New England than in the other divisions of the North.

Among the native whites of foreign or mixed parentage the percentage of illiteracy was very small, falling below 2 in all divisions except the West South Central. In the last-named division illiterates formed 7.7 per cent of the population of this class 10 years of age and over, this high figure being mainly due, however, to the exceptionally high percentage in the state of Texas. The proportion of illiterates among the native whites of foreign or mixed parentage was less than among those of native parentage in all of the divisions except the West South Central, New England, and Pacific.

The highest percentage of illiteracy among the foreign-born whites was in the West South Central division and the lowest in the West North Central. Of the divisions where the foreign-born whites are numerous, the Middle Atlantic shows the highest percentage of illiteracy for this class and New England the next highest. The percentage of illiteracy among the negroes was highest, 34.8, in the East South Central division. In the South as a whole in 1910 one-third of the negroes were illiterate. In the North, where the negroes are comparatively few, the percentage of illiteracy was 10.5, and in the West, where their numbers are insignificant, the percentage of illiteracy was only 7.

Comparing the figures for 1910 and 1900, it will be noted that, for the population as a whole and for both native white groups and for the negroes, the percentage of illiteracy was less in every division in 1910 than in 1900; considerably less, except for the population as a whole, in the Middle Atlantic division, where the figures were affected by a rather large increase in the proportion of foreign born in the total population. The decline in the proportion of illiterates among the negroes for the South as a whole, from nearly one-half in 1900 to one-third in 1910, is particularly conspicuous.

The percentages of illiterates in the several states among the different population classes conform in the main to those of the division in which the state is located. The figures showing the number and per cent of illiterates in each class by states are given in Table 30, page 245, and are graphically illustrated by the maps on pages 246 and 247.

## POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 29 DIVISION AND STATE.	TOTAL.		Male 1910	Female 1910	White 1910	Negro 1910	Indian, Chinese, Japanese, and all other 1910	NATIVE WHITE.		Foreign- born white 1910
	1910	1900						Native parentage 1910	Foreign or mixed parentage 1910	
<b>United States . . . . .</b>	<b>71,580,270</b>	<b>57,949,824</b>	<b>37,027,658</b>	<b>34,682,712</b>	<b>63,923,870</b>	<b>7,217,922</b>	<b>328,478</b>	<b>37,081,278</b>	<b>13,868,063</b>	<b>12,944,929</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England . . . . .	5,339,914	4,524,602	2,649,897	2,681,017	5,270,232	55,321	5,361	2,135,801	1,377,187	1,757,244
Middle Atlantic . . . . .	16,446,515	12,167,559	7,863,584	7,882,931	15,079,257	351,546	15,712	6,565,900	3,851,367	4,661,900
West North Central . . . . .	14,568,949	12,445,302	7,559,768	7,039,181	14,297,054	254,545	17,359	7,370,025	3,941,206	2,985,823
South North Central . . . . .	9,997,311	7,835,564	4,807,164	4,290,147	8,860,838	203,611	32,832	4,798,510	2,482,634	1,579,694
West Atlantic . . . . .	9,012,826	7,616,139	4,528,942	4,483,884	6,018,022	2,986,936	7,868	5,397,864	339,771	280,387
East South Central . . . . .	6,178,578	5,474,227	3,116,296	3,062,292	4,215,494	1,960,808	2,196	3,945,830	184,771	84,893
West South Central . . . . .	6,394,043	4,649,988	3,234,078	3,059,965	4,881,289	1,460,705	52,049	4,101,510	449,348	339,431
Mountain . . . . .	2,354,249	1,276,976	1,185,047	869,202	1,965,656	18,755	69,838	1,081,180	461,408	423,065
Pacific . . . . .	3,406,885	1,959,347	2,012,792	1,484,093	3,346,028	25,573	125,282	1,084,658	830,371	840,999
<b>NEW ENGLAND:</b>										
Maine . . . . .	603,893	565,440	307,373	296,518	601,890	1,166	837	406,951	89,663	105,336
New Hampshire . . . . .	354,118	337,891	178,151	175,967	353,543	480	95	183,583	66,984	92,970
Vermont . . . . .	289,128	278,943	148,686	140,442	287,633	1,446	29	183,292	56,707	47,664
Massachusetts . . . . .	2,742,684	2,267,048	1,340,517	1,402,167	2,707,729	31,718	3,237	900,749	786,356	1,029,594
Rhode Island . . . . .	440,065	344,824	219,221	229,844	431,632	7,913	520	129,279	139,449	171,904
Connecticut . . . . .	901,026	730,454	455,947	445,079	887,785	12,598	643	321,947	247,658	318,780
<b>MIDDLE ATLANTIC:</b>										
New York . . . . .	7,410,819	5,801,682	3,277,218	3,683,601	7,284,110	115,843	10,866	2,589,893	2,109,639	2,634,578
New Jersey . . . . .	2,627,946	1,480,498	1,059,649	998,297	1,941,911	74,757	1,458	738,065	326,998	636,848
Pennsylvania . . . . .	6,007,750	4,888,379	3,106,717	2,901,033	5,843,286	161,126	3,388	3,237,942	1,214,730	1,390,564
<b>EAST NORTH CENTRAL:</b>										
Ohio . . . . .	3,848,747	3,289,821	1,970,027	1,878,729	3,754,104	88,910	733	2,332,681	822,149	579,274
Indiana . . . . .	2,100,405	1,908,215	1,108,767	1,034,638	2,109,222	50,659	533	1,654,670	298,956	155,596
Illinois . . . . .	4,430,734	3,727,745	2,333,230	2,103,504	4,398,331	92,928	2,475	1,944,879	1,287,803	1,168,559
Michigan . . . . .	2,236,292	1,896,265	1,163,835	1,073,417	2,215,706	14,557	5,989	919,837	716,006	579,863
Wisconsin . . . . .	1,829,811	1,651,156	983,909	875,902	1,819,611	2,500	7,620	600,958	816,142	502,591
<b>WEST NORTH CENTRAL:</b>										
Minnesota . . . . .	1,828,635	1,305,657	882,046	746,589	1,815,427	6,366	6,842	389,726	601,736	533,915
Iowa . . . . .	1,760,260	1,211,789	712,828	647,558	1,747,403	12,830	563	962,435	515,722	269,246
Missouri . . . . .	2,564,600	2,071,885	1,334,851	1,259,749	2,461,253	122,385	862	1,792,819	444,056	222,578
North Dakota . . . . .	424,730	229,161	240,653	184,672	419,422	546	4,752	108,422	160,559	150,451
South Dakota . . . . .	443,466	294,394	245,991	197,473	428,265	667	14,504	170,391	159,540	98,634
Nebraska . . . . .	924,082	799,753	491,706	432,236	913,984	6,725	3,323	465,425	276,022	172,497
Kansas . . . . .	1,321,062	1,126,033	699,184	622,378	1,274,974	44,842	2,646	909,292	234,009	131,673
<b>SOUTH ATLANTIC:</b>										
Delaware . . . . .	163,080	145,500	83,787	79,293	158,265	24,777	38	102,321	19,004	16,940
Maryland . . . . .	1,023,950	920,713	507,421	516,529	843,047	180,454	449	590,715	151,331	100,951
District of Columbia . . . . .	279,988	231,837	131,983	147,105	198,658	79,964	466	136,907	87,996	23,755
Virginia . . . . .	1,536,277	1,364,501	779,504	758,793	1,039,333	496,413	546	985,958	28,636	25,639
West Virginia . . . . .	908,822	701,646	433,221	420,601	832,778	50,925	119	756,184	41,948	54,646
North Carolina . . . . .	1,578,995	1,346,734	781,434	797,161	1,082,792	490,395	5,403	1,070,405	6,658	5,734
South Carolina . . . . .	1,078,161	942,402	531,692	546,469	838,820	584,064	277	475,726	9,183	5,911
Georgia . . . . .	1,885,111	1,577,334	939,791	945,320	1,088,626	846,195	290	1,063,230	20,740	14,656
Florida . . . . .	564,722	385,490	209,109	205,613	330,698	283,744	280	274,818	24,225	22,135
<b>EAST SOUTH CENTRAL:</b>										
Kentucky . . . . .	1,722,644	1,589,685	874,306	848,338	1,512,399	210,028	218	1,360,814	112,013	39,571
Tennessee . . . . .	1,621,179	1,480,948	817,174	804,005	1,269,804	360,663	212	1,210,016	35,303	17,985
Alabama . . . . .	1,541,575	1,304,708	773,415	768,160	878,579	662,550	649	835,692	24,587	18,291
Mississippi . . . . .	1,293,180	1,098,891	651,391	641,789	564,222	727,851	1,107	539,308	15,868	9,046
<b>WEST SOUTH CENTRAL:</b>										
Arkansas . . . . .	1,134,667	934,332	588,133	545,954	806,683	327,009	395	761,189	29,940	16,454
Louisiana . . . . .	1,213,577	990,364	612,534	601,042	686,979	525,450	1,147	545,698	90,948	50,333
Oklahoma 1 . . . . .	1,197,476	561,379	648,116	549,360	1,047,254	101,157	49,065	934,912	73,278	39,064
Texas . . . . .	2,848,904	2,163,913	1,485,208	1,303,609	2,340,373	507,089	1,442	1,809,711	256,082	224,580
<b>MOUNTAIN:</b>										
Montana . . . . .	303,551	191,596	109,263	113,288	291,125	1,633	10,793	124,768	76,901	89,456
Idaho . . . . .	249,018	119,837	146,783	102,235	243,544	578	4,896	145,414	58,511	39,619
Wyoming . . . . .	117,685	72,962	77,260	40,823	112,567	2,024	2,994	62,023	24,153	26,381
Colorado . . . . .	640,846	425,424	359,684	290,162	627,167	9,999	3,689	369,056	135,085	123,026
New Mexico . . . . .	240,990	141,282	131,828	109,162	225,048	1,844	14,598	185,205	18,608	21,235
Arizona . . . . .	157,659	94,147	94,812	62,847	133,843	1,691	22,125	61,983	28,186	43,724
Utah . . . . .	274,778	196,769	147,069	127,769	209,916	1,026	6,746	104,656	102,611	61,840
Nevada . . . . .	69,822	34,959	46,408	23,414	63,346	469	6,007	28,156	17,403	17,787
<b>PACIFIC:</b>										
Washington . . . . .	903,556	408,437	532,586	380,970	909,657	5,517	23,082	459,716	210,313	234,025
Oregon . . . . .	555,631	328,799	324,717	289,914	534,613	1,359	14,659	331,912	107,362	100,759
California . . . . .	2,007,698	1,222,114	1,185,489	872,299	1,901,438	18,699	87,541	893,459	802,696	505,312

1 Includes population of Indian Territory for 1909.

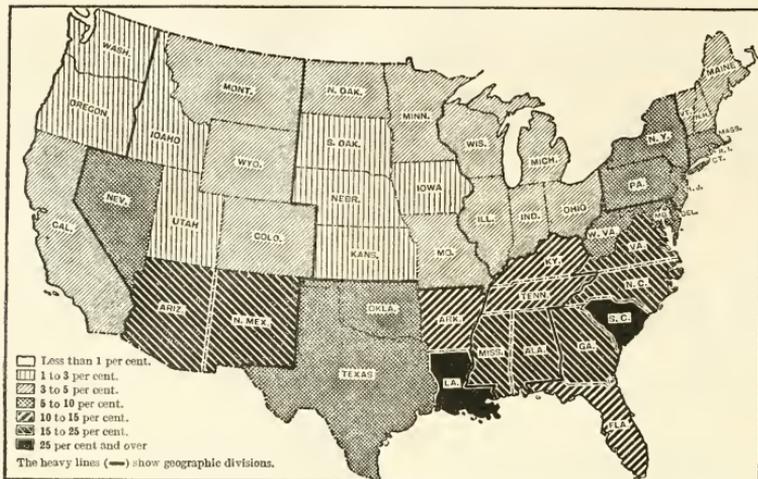
## ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910 AND 1900.

DIVISION AND STATE.	ALL CLASSES.												NATIVE WHITE.											
	1910				1900				Native percentage.				Foreign or mixed parentage.				FOREIGN-BORN WHITE.				NEGRO.			
	Number.		Per cent.		Number.		Per cent.		Number.		Per cent.		Number.		Per cent.		Number.		Per cent.		Number.		Per cent.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900		
<b>United States.</b>	<b>5,516,163</b>	<b>7,76,180,069</b>	<b>10.7</b>	<b>1,378,884</b>	<b>3,71,754,764</b>	<b>5.7</b>	<b>155,388</b>	<b>1,178,817</b>	<b>1.61</b>	<b>650,361</b>	<b>12,71,287,135</b>	<b>12.9</b>	<b>2,227,731</b>	<b>30,42,853,194</b>	<b>64.5</b>									
<b>GEOGRAPHIC DIVS.:</b>																								
New England.....	280,806	5.6	272,402	6.0	10,551	0.7	19,262	0.9	17,606	1.3	21,037	2.1	242,513	13.8	224,598	16.2	4,341	7.9	5,681	11.6				
Middle Atlantic.....	873,812	5.7	704,134	5.8	79,908	1.2	114,083	2.0	32,343	0.8	37,670	1.2	735,244	15.8	509,436	15.8	27,811	7.8	39,900	14.6				
E. North Central.....	491,850	3.4	534,299	4.3	122,556	1.7	178,076	2.8	35,809	0.9	47,182	1.4	300,613	10.1	263,677	10.2	28,071	11.0	49,280	18.4				
W. North Central.....	263,138	2.9	324,023	4.1	81,362	1.7	117,389	2.9	17,661	0.7	21,075	1.1	120,573	7.0	120,299	8.0	30,436	14.9	39,354	25.5				
South Atlantic.....	1,444,294	16.0	1,821,346	23.9	429,618	8.0	555,163	12.0	4,191	1.2	6,367	2.1	37,934	13.5	26,457	12.9	969,432	32.8	1,250,279	47.1				
E. South Central.....	1,072,100	17.4	1,364,935	24.9	378,988	9.6	461,375	13.6	3,142	1.7	4,953	2.6	8,215	9.7	9,233	10.4	681,507	34.8	887,838	49.2				
W. South Central.....	845,604	13.2	953,644	20.5	229,807	5.6	258,017	9.2	34,737	7.7	30,622	9.1	84,674	25.6	69,066	27.2	483,022	33.1	579,489	53.0				
Mountain.....	140,737	6.9	122,901	9.6	39,233	3.6	49,743	7.1	5,754	1.2	5,773	1.9	52,950	12.5	29,939	10.6	1,497	8.0	1,840	10.3				
Pacific.....	102,822	3.0	82,385	4.2	7,041	0.4	7,706	0.8	4,145	0.5	4,168	0.9	67,645	8.0	34,020	7.3	1,614	6.3	1,559	12.7				
<b>NEW ENGLAND:</b>																								
Maine.....	24,584	4.1	29,060	5.1	5,776	1.4	6,880	1.7	4,048	4.5	4,514	6.7	14,394	13.7	17,195	19.4	93	8.0	155	14.2				
New Hampshire.....	16,396	4.6	21,075	6.2	1,462	0.8	2,085	1.0	1,377	2.1	1,755	3.7	13,485	14.5	17,126	20.5	51	10.6	70	11.9				
Vermont.....	10,806	3.7	16,247	5.8	2,234	1.2	3,211	1.8	2,261	4.0	3,703	6.8	6,239	13.1	9,205	21.4	69	4.8	99	14.6				
Massachusetts.....	141,541	5.2	134,043	5.9	3,428	0.4	3,942	0.5	5,735	0.7	6,827	1.2	129,412	12.7	119,582	14.6	5,884	8.1	2,853	16.7				
Rhode Island.....	33,854	7.7	29,004	8.4	944	0.7	1,195	1.0	2,309	1.8	2,518	2.8	29,781	17.3	24,157	18.7	752	9.5	1,063	14.1				
Connecticut.....	53,665	6.0	42,973	5.9	1,707	0.5	1,936	0.6	1,870	0.8	1,720	0.9	49,202	15.4	37,723	16.7	792	6.3	1,441	11.5				
<b>MIDDLE ATLANTIC:</b>																								
New York.....	406,620	5.5	318,100	5.5	21,292	0.8	29,188	1.3	15,026	0.7	18,162	1.1	362,025	13.7	258,423	14.0	5,768	5.0	9,180	10.8				
New Jersey.....	113,502	5.6	86,558	5.9	8,562	1.1	13,511	2.1	3,691	0.7	3,520	1.0	93,551	14.7	59,307	14.1	1,405	9.9	8,782	17.2				
Pennsylvania.....	354,290	5.9	299,376	6.1	46,654	1.4	71,384	2.5	13,626	1.1	15,988	1.1	279,628	20.1	191,706	19.9	14,608	9.1	19,352	25.1				
<b>E. N. CENTRAL:</b>																								
Ohio.....	124,774	3.2	131,541	4.0	39,807	1.7	56,416	2.8	7,503	0.9	10,739	1.4	66,887	11.6	50,155	11.1	10,460	11.1	14,107	17.8				
Indiana.....	66,213	3.1	96,539	4.6	39,829	2.2	57,137	3.9	4,126	1.4	6,603	2.2	18,200	11.7	16,059	11.4	6,959	13.7	10,594	22.6				
Illinois.....	168,294	3.7	157,558	4.2	32,836	1.7	48,680	2.9	7,650	0.6	9,357	0.9	117,511	10.1	86,668	9.1	9,713	10.5	12,903	16.8				
Michigan.....	74,800	3.3	80,482	4.2	9,561	1.0	12,154	1.5	8,283	1.2	10,123	1.8	54,113	9.3	54,399	10.3	826	5.7	1,426	16.9				
Wisconsin.....	57,769	3.2	73,779	4.7	3,223	0.6	3,689	1.0	8,245	1.0	10,300	1.5	43,662	8.7	56,396	11.1	113	4.5	250	41.4				
<b>W. N. CENTRAL:</b>																								
Minnesota.....	49,336	3.0	52,946	4.1	1,536	0.4	1,556	0.5	4,302	0.6	4,782	0.9	40,627	7.6	45,142	8.4	215	3.4	337	7.9				
Iowa.....	29,889	1.7	40,172	2.3	8,391	0.6	12,494	1.4	3,150	0.6	4,028	0.8	16,894	6.3	21,451	7.1	1,272	10.3	1,962	18.5				
Missouri.....	111,116	4.3	132,844	6.4	66,070	3.4	89,203	5.6	5,172	1.2	7,202	1.7	22,631	10.1	19,944	9.3	23,062	17.4	36,390	28.1				
North Dakota.....	13,070	3.1	12,719	5.6	349	0.3	279	0.6	1,064	0.7	784	1.1	9,474	6.3	8,452	7.8	26	4.8	31	12.8				
South Dakota.....	12,750	2.9	14,832	5.0	556	0.3	422	0.5	683	0.4	772	0.8	4,896	5.0	5,835	6.7	38	5.5	51	13.3				
Nebraska.....	18,009	1.9	17,997	2.3	2,787	0.6	3,311	0.8	1,491	0.5	1,406	0.7	12,264	7.1	11,911	6.8	482	7.2	633	11.8				
Kansas.....	28,948	2.2	32,513	2.9	7,673	0.8	10,664	1.3	1,799	0.8	2,101	1.0	15,787	16.5	10,694	8.5	5,341	12.0	9,230	22.3				
<b>SOUTH ATLANTIC:</b>																								
Delaware.....	13,240	8.1	17,581	12.0	3,362	3.3	5,840	6.3	163	0.9	232	1.4	3,359	19.8	2,476	18.3	6,345	25.6	8,967	38.1				
Maryland.....	73,397	7.2	101,947	11.1	17,464	3.0	23,837	4.7	1,488	1.0	2,595	1.9	12,647	11.9	15,262	13.4	42,280	23.4	63,033	35.1				
Dist. of Columbia.....	13,412	4.9	20,628	8.6	797	0.6	975	0.9	163	0.4	163	0.5	1,944	8.2	1,342	7.0	10,814	13.5	17,462	24.3				
Virginia.....	282,911	15.2	312,128	22.9	81,105	8.2	95,883	11.4	352	1.2	534	2.1	2,368	9.2	2,643	10.9	148,950	30.0	213,836	44.6				
West Virginia.....	74,858	8.3	80,105	11.4	59,580	6.7	63,008	10.4	827	2.0	1,273	3.2	13,675	23.9	4,730	21.5	10,347	20.3	11,083	32.3				
North Carolina.....	291,467	18.5	386,251	28.7	109,122	3.3	175,323	10.6	197	3.0	320	5.1	477	8.3	262	6.1	136,303	31.9	208,332	47.6				
South Carolina.....	276,986	25.7	338,659	33.9	59,112	10.5	54,177	13.5	133	1.4	198	2.1	399	6.8	344	6.5	226,242	38.7	283,883	52.8				
Georgia.....	389,775	20.7	480,423	30.5	79,875	8.0	99,948	12.2	328	1.6	483	2.5	875	6.0	833	7.0	308,639	36.5	379,667	52.4				
Florida.....	77,810	13.8	84,285	21.9	14,331	5.2	16,470	9.0	540	2.2	569	3.0	3,300	10.5	2,145	11.6	59,503	25.5	64,616	38.4				
<b>E. S. CENTRAL:</b>																								
Tennessee.....	208,084	12.1	262,864	16.5	145,156	10.7	166,832	13.9	1,641	1.5	2,502	2.1	3,300	8.3	5,444	10.9	57,900	27.6	88,137	40.1				
Kentucky.....	221,071	13.6	306,930	20.7	120,394	9.9	156,342	14.5	582	1.8	1,054	3.2	1,488	8.3	1,696	9.7	98,541	27.3	147,784	41.6				
Alabama.....	352,710	22.9	445,560	34.0	84,304	10.1	102,779	15.2	564	2.3	791	3.5	2,083	11.3	1,313	9.3	265,628	40.1	338,665	57.4				
Mississippi.....	290,235	22.4	351,461	24.0	28,344	5.3	35,432	8.1	355	2.2	696	3.8	1,364	1.5	1,806	10.7	299,438	35.6	331,332	49.1				
<b>W. S. CENTRAL:</b>																								
Arkansas.....	142,054	12.6	196,655	20.4	54,221	7.1	74,828	11.8	804	2.8	1,208	4.9	1,466	8.9	1,124	8.0	86,399	26.4	113,453	43.0				

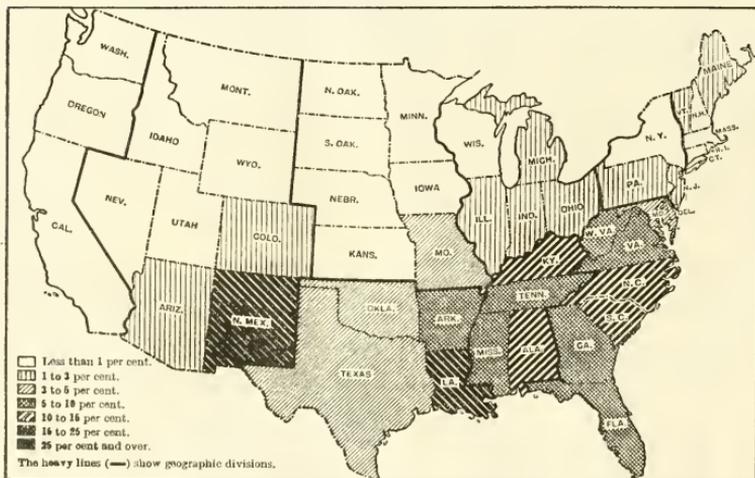
## ABSTRACT OF THE CENSUS—POPULATION.

PERCENTAGE OF ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER: 1910.

TOTAL POPULATION.

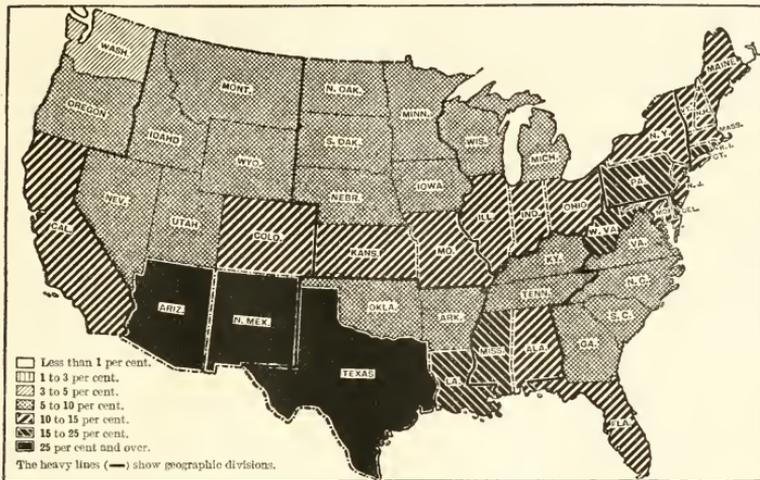


NATIVE WHITES OF NATIVE PARENTAGE.

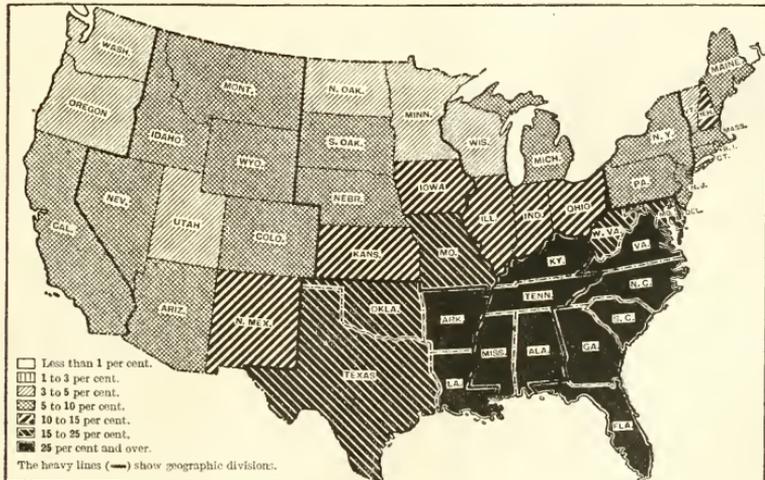


PERCENTAGE OF ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER: 1910.

FOREIGN-BORN WHITES.



NEGROES.



**Illiteracy by sex.**—Table 31 shows for 1910, by divisions and states, the number and percentage of illiterate males and females 10 years of age and over.

As already noted, the percentage of illiteracy for females in the United States as a whole was slightly higher than that for males. In the New England, East North Central, East South Central, and Pacific divisions, however, the percentage of illiteracy for females was slightly less than that for males, and in the West North Central division the percentages for the two sexes were the same.

**Illiteracy in the urban and rural population.**—Table 32, on page 249, shows by divisions for 1910 the urban and rural population 10 years of age and over, classified according to color or race, nativity, and parentage groups in each division in 1910 as urban or rural, giving the number and percentage of illiterates in each case.

In the United States as a whole the percentage of illiteracy for the total population and for each class shown in the table was considerably higher in rural districts than in urban communities. There were three divisions, however, the New England, the Middle

Atlantic, and the East North Central, in which the percentage of illiteracy was the greater in urban communities. This exception to the general rule is explained by the relatively large number of foreign-born whites living in the cities of the three divisions named. In the native groups shown, which comprise the native whites of native and of foreign or mixed parentage and the negroes, the proportion of illiterates was greater in the rural parts of all divisions than in the urban communities. The foreign-born whites showed in general a somewhat higher percentage of illiteracy in rural districts than in urban communities, but an exception to this rule appears in the case of the two North Central divisions. There is a considerable foreign-born white element in the rural population of these divisions, but the more recent growth of the foreign-born population has been in the cities, and the fact that recent immigrants appear to be somewhat more illiterate than the earlier ones furnishes an explanation of the higher percentage of illiteracy among the foreign-born whites in the urban communities than is found in the rural districts of this section of the country.

ILLITERATES IN THE MALE AND FEMALE POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 31	ILLITERATES 10 YEARS OF AGE AND OVER: 1910				DIVISION AND STATE.	ILLITERATES 10 YEARS OF AGE AND OVER: 1910			
	Male.		Female.			Male.		Female.	
	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.
<b>United States</b> .....	<b>2,814,950</b>	<b>7.6</b>	<b>2,701,213</b>	<b>7.8</b>					
<b>GEOGRAPHIC DIVISIONS:</b>					<b>SOUTH ATLANTIC:</b>				
New England.....	140,326	5.3	140,480	5.2	Delaware.....	7,022	8.4	6,218	7.6
Middle Atlantic.....	842,488	5.6	831,324	5.7	Maryland.....	36,556	7.2	36,841	7.1
East North Central.....	292,157	3.3	279,713	3.3	District of Columbia.....	5,410	4.1	8,402	5.7
West North Central.....	138,030	2.9	125,108	2.9	Virginia.....	121,329	15.7	111,582	14.6
South Atlantic.....	728,370	16.0	720,724	16.1	West Virginia.....	23,511	8.8	32,355	11.7
East South Central.....	342,291	17.4	529,869	17.3	North Carolina.....	142,108	18.2	149,389	18.7
West South Central.....	624,354	12.7	421,250	13.8	South Carolina.....	133,126	25.0	143,834	26.3
Mountain.....	75,242	6.3	65,935	7.5	Georgia.....	196,026	20.9	190,740	20.5
Pacific.....	66,512	3.3	37,310	2.5	Florida.....	39,482	13.2	38,334	14.4
<b>NEW ENGLAND:</b>					<b>EAST SOUTH CENTRAL:</b>				
Maine.....	15,006	4.9	9,548	3.2	Kentucky.....	169,877	12.6	98,207	11.6
New Hampshire.....	9,210	5.2	7,176	4.1	Tennessee.....	112,986	13.8	108,985	13.4
Vermont.....	6,486	4.4	4,320	3.1	Alabama.....	178,726	22.5	178,984	22.3
Massachusetts.....	67,647	5.0	73,894	5.3	Mississippi.....	145,702	22.4	144,533	23.5
Rhode Island.....	16,192	7.4	17,662	8.0	<b>WEST SOUTH CENTRAL:</b>				
Connecticut.....	29,785	5.7	27,880	6.3	Arkansas.....	71,243	12.1	71,711	13.1
<b>MIDDLE ATLANTIC:</b>					Louisiana.....	171,423	28.0	189,756	30.1
New York.....	187,107	5.0	218,912	5.3	Oklahoma.....	35,876	5.5	31,691	5.8
New Jersey.....	57,647	5.5	56,455	5.7	Texas.....	145,812	9.8	137,092	10.1
Pennsylvania.....	198,334	6.4	155,956	5.4	<b>MOUNTAIN:</b>				
<b>EAST NORTH CENTRAL:</b>					Montana.....	9,898	2.2	4,522	4.0
Ohio.....	68,385	3.5	56,368	3.0	Idaho.....	3,331	5.6	1,622	1.6
Indiana.....	35,956	2.2	30,257	2.0	Wyoming.....	2,869	3.7	1,005	2.5
Illinois.....	86,729	3.7	81,565	3.8	Colorado.....	12,080	3.6	11,100	3.8
Michigan.....	41,617	3.6	33,153	3.1	New Mexico.....	29,965	15.9	27,732	25.4
Wisconsin.....	29,450	3.1	26,319	3.2	Arizona.....	18,183	19.2	14,770	23.5
<b>WEST NORTH CENTRAL:</b>					Utah.....	3,990	2.7	2,831	2.2
Minnesota.....	25,819	2.9	23,517	3.1	Nevada.....	2,829	6.1	1,873	8.0
Iowa.....	15,633	1.7	14,256	1.7	<b>PACIFIC:</b>				
Missouri.....	58,456	4.4	53,010	4.2	Washington.....	11,724	2.1	6,692	1.8
North Dakota.....	6,646	2.8	6,423	3.5	Oregon.....	7,214	2.2	3,290	1.4
South Dakota.....	6,216	2.5	6,334	3.3	California.....	47,574	4.2	27,328	3.4
Nebraska.....	9,489	1.9	8,320	2.0					
Kansas.....	16,122	2.3	12,846	2.1					

The very much higher percentage of illiteracy shown for the native whites of native parentage in the United States as a whole than for the native whites of foreign or mixed parentage is due in large part to the exceptionally high percentages of illiteracy among the native whites of native parentage in the southern divisions, where this nativity class makes up by far

the greater part of the white population. These exceptionally high percentages for the southern divisions are in turn due principally to the very large proportion of illiterates in the rural population of the South, in which section of the country somewhat more than three-fourths of the total population in 1910 resided in rural districts.

## ILLITERATES IN THE URBAN AND THE RURAL POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS: 1910.

DIVISION AND CLASS OF COMMUNITY.	ALL CLASSES.									NATIVE WHITE.									FOREIGN-BORN WHITE.									NEGRO.																	
	Total.			Illiterate.			Native parentage.			Foreign or mixed parentage.			Total.			Illiterate.			Total.			Illiterate.			Total.			Illiterate.																	
	Total.	Num-ber.	Per cent.	Total.	Num-ber.	Per cent.	Total.	Num-ber.	Per cent.	Total.	Num-ber.	Per cent.	Total.	Num-ber.	Per cent.	Total.	Num-ber.	Per cent.	Total.	Num-ber.	Per cent.	Total.	Num-ber.	Per cent.	Total.	Num-ber.	Per cent.																		
United States .....	71,880,270	5,516,163	7.7	37,081,278	1,378,884	3.7	13,908,063	155,388	1.1	12,944,529	1,650,381	12.7	7,317,822	2,227,731	30.4	34,645,175	1,768,135	5.1	16,822,547	8,388,977	49.8	1,172,491	12,6	2,831,546	393,273	17.6	36,511,988	3,745,631	10.1	25,978,831	1,247,978	4.8	4,919,866	94,344	1.9	5,842,535	477,870	8.2	5,986,369	1,834,458	30.1				
New England .....	5,330,914	280,806	5.3	2,135,801	155,551	0.7	1,377,187	17,606	1.3	1,757,244	242,513	13.8	55,321	4,341	7.8	4,434,412	247,143	5.6	1,907,336	7,918	0.5	1,248,137	13,002	1.0	1,623,699	222,030	13.7	7,101	3,614	7.1	896,302	33,653	3.8	628,465	7,633	1.2	129,010	4,604	3.6	153,635	29,483	15.3	4,296	727	16.9
Middle Atlantic .....	15,446,515	876,812	5.7	6,565,900	75,908	1.2	3,851,367	32,343	0.8	4,661,990	735,244	15.8	351,546	27,811	7.9	11,033,530	645,618	5.8	3,653,732	21,034	0.6	3,171,381	19,536	0.6	3,950,033	582,756	14.9	288,414	29,680	7.0	4,412,965	229,194	5.2	2,912,458	54,874	1.9	679,786	12,787	1.9	751,977	102,488	13.6	63,182	7,722	12.2
East North Central .....	14,568,949	491,850	3.4	7,270,025	122,256	1.7	3,941,296	35,809	0.9	2,985,823	800,203	27.1	254,545	28,671	11.0	7,831,590	277,444	3.5	3,102,539	27,193	0.9	2,400,758	12,530	0.5	2,124,920	217,771	10.2	198,669	19,229	9.7	6,737,359	214,406	3.2	4,267,468	95,063	2.2	1,940,448	23,279	1.5	860,903	82,842	9.6	55,876	8,842	15.8
West North Central .....	9,097,311	263,138	2.9	4,798,510	81,362	1.7	2,482,634	17,661	0.7	1,579,694	120,573	7.6	203,641	30,436	14.9	2,203,714	86,958	3.9	1,508,468	11,732	0.8	883,660	4,621	0.5	616,718	52,693	8.5	141,823	17,454	12.3	5,885,597	176,180	3.0	3,042,949	69,630	2.1	1,968,974	15,638	0.8	962,976	67,890	7.0	61,818	12,382	21.0
South Atlantic .....	9,012,826	1,444,294	16.0	5,397,864	429,618	8.0	339,771	4,191	1.2	280,387	37,504	13.5	2,986,936	968,432	32.5	2,465,359	211,770	8.5	1,320,961	29,111	2.2	244,255	1,807	0.8	185,182	21,411	11.6	741,429	158,066	21.4	6,319,467	1,232,534	19.9	4,076,903	400,507	9.8	95,516	2,294	2.4	85,245	16,423	17.2	2,245,507	810,326	36.1
East South Central .....	6,178,578	1,072,100	17.4	3,945,830	375,088	9.6	184,771	3,142	1.7	84,893	8,215	9.7	1,960,898	681,507	34.8	1,279,677	122,477	9.6	670,025	15,910	2.4	130,893	1,057	0.8	56,769	5,163	9.1	421,529	100,257	23.8	4,898,901	949,623	19.4	3,275,894	362,178	11.1	33,782	2,088	6.9	28,124	3,002	10.9	1,539,369	581,250	37.8
West South Central .....	6,394,043	845,604	13.2	4,101,540	228,807	5.6	449,348	34,737	7.7	330,431	84,674	25.6	1,860,705	483,022	26.1	1,622,545	112,889	7.2	883,283	12,088	1.4	190,471	5,315	2.8	100,677	25,415	17.9	533,611	71,632	13.4	4,831,498	732,715	15.2	2,818,227	217,719	7.8	288,977	9,822	3.4	199,784	61,259	30.7	1,107,964	411,270	37.2
Mountain .....	2,654,249	140,737	5.3	1,081,180	39,253	3.6	461,408	5,784	1.2	423,068	52,500	12.5	18,755	1,467	8.0	772,522	25,862	3.1	384,424	3,567	0.9	198,892	1,590	0.7	168,480	16,274	9.7	13,503	839	7.0	1,281,677	116,775	9.1	690,756	35,686	5.1	262,316	4,374	1.7	254,638	36,676	14.4	5,250	588	10.6
Pacific .....	3,496,885	80,822	2.3	1,614,658	7,041	0.4	830,371	4,145	0.5	480,999	67,645	8.0	25,575	1,833	7.3	2,637,756	40,881	2.0	1,221,858	3,333	0.3	519,314	1,631	0.3	315,716	30,878	6.0	2,149,129	62,941	4.3	762,890	4,688	0.6	301,057	2,514	0.8	325,283	36,787	11.3	4,227	481	11.4			

## PRINCIPAL CITIES.

Table 33 gives a statement of illiteracy in 1910 and 1900 by color or race, nativity, and parentage for cities having a population of 100,000 or more. Somewhat less detailed statistics for cities having from 25,000 to 100,000 inhabitants are given in Table 34.

Among the 50 cities having 100,000 inhabitants or more in 1910, there were four in which the proportion of illiterates in the total population 10 years of age and over was less than 2 per cent (Seattle, 1.1 per cent; Portland, Oreg., 1.2 per cent; Spokane, 1.3 per cent; and Los Angeles, 1.9 per cent), and 10 others in which the proportion of illiterates in the total population was between 2 and 3 per cent. The two cities having the largest percentage of illiteracy were Fall River (13.2), where the high average was due to the large proportion of the foreign born in the population, and Birmingham

(10.4), where the high average was due to the large proportion of negroes. The differences between the percentages in other cities were likewise due in large part to differences in the proportions of foreign born or negroes; among the native whites there was relatively little variation in the percentage of illiteracy, which was uniformly very low.

In general, the proportion of illiterates in the total population of these 50 cities was less in 1910 than in 1900. Eighteen cities, however—Albany, Bridgeport, Chicago, Denver, Detroit, Jersey City, Minneapolis, New Haven, Oakland, Omaha, Paterson, Philadelphia, Pittsburgh, Providence, Rochester, Scranton, Syracuse, and Worcester—constituted exceptions to this rule, and in each of these cities, it will be noted, there was a considerable increase in the number of illiterates of foreign birth.

## ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER IN CITIES OF 100,000 INHABITANTS OR MORE: 1910 AND 1900.

[Not shown where base is less than 100.]

Table 33

CITY.	ALL CLASSES.				NATIVE WHITE.								FOREIGN-BORN WHITE.				NEGRO.			
					Native parentage.				Foreign or mixed parentage.											
	1910		1900		1910		1900		1910		1900		1910		1900		1910		1900	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Albany, N. Y.	2,762	3.2	2,151	2.8	111	0.3	144	0.5	163	0.5	212	0.7	2,449	13.8	1,755	10.0	39	4.2	68	6.5
Atlanta, Ga.	10,813	8.6	11,406	15.8	1,622	2.1	1,049	2.8	23	0.5	30	0.9	259	5.9	298	5.6	9,005	20.9	10,699	35.1
Baltimore, Md.	20,523	4.4	21,148	7.2	1,191	0.6	2,551	1.3	664	0.6	1,175	1.2	8,952	12.0	6,585	12.2	9,438	13.2	19,546	23.7
Birmingham, Ala.	11,026	10.4	5,986	19.1	5,229	1.2	1,871	14.4	40	0.7	25	1.2	829	15.1	241	13.9	9,528	22.1	5,332	40.3
Boston, Mass.	24,468	4.4	23,320	5.1	155	0.1	165	0.1	363	0.2	412	0.3	23,371	10.0	21,557	11.3	420	3.5	786	7.9
Bridgeport, Conn.	4,440	5.4	2,999	5.3	47	0.2	47	0.3	94	0.4	92	0.6	4,335	12.1	2,727	12.6	58	5.2	123	12.6
Buffalo, N. Y.	12,745	3.7	13,152	4.8	293	0.2	235	0.4	622	0.5	654	0.6	11,538	10.3	12,142	12.0	65	4.1	81	5.4
Cambridge, Mass.	2,549	3.0	3,388	4.6	28	0.1	32	0.2	46	0.2	103	0.5	2,241	6.6	2,909	9.3	213	6.6	337	11.9
Chicago, Ill.	79,911	4.5	51,142	3.9	596	0.2	442	0.2	1,704	0.1	3,339	0.3	75,802	10.0	47,088	8.2	1,595	4.0	2,014	7.5
Cincinnati, Ohio.	9,576	3.1	8,948	3.4	1,175	1.0	590	0.8	598	0.5	672	0.6	5,296	9.6	5,114	8.9	2,503	14.3	2,468	19.8
Cleveland, Ohio.	26,670	4.6	14,691	4.7	190	0.2	177	0.3	403	0.3	391	0.4	19,721	10.5	13,004	10.7	306	4.1	487	9.4
Columbus, Ohio.	4,442	2.9	3,290	3.2	1,210	1.3	770	1.3	296	0.9	245	1.2	1,994	12.6	1,109	9.1	962	8.7	1,109	15.9
Dayton, Ohio.	2,224	3.2	1,737	2.6	206	0.5	362	1.9	105	0.5	157	0.8	1,423	10.6	918	3.9	302	5.5	354	12.4
Denver, Colo.	3,841	2.1	1,979	1.8	199	0.2	160	0.2	143	0.3	74	0.3	3,076	8.1	1,936	5.7	291	6.0	339	10.0
Detroit, Mich.	18,731	5.0	9,062	4.1	294	0.2	165	0.4	707	0.5	499	0.6	17,633	11.7	11,898	8.6	176	3.5	278	8.0
Fall River, Mass.	12,276	13.2	12,110	14.9	97	0.9	118	1.1	636	2.0	541	2.4	11,510	23.5	11,403	24.1	25	8.1	32	11.1
Grand Rapids, Mich.	2,271	2.5	2,136	3.1	61	0.2	88	0.4	84	0.3	114	0.5	2,088	7.6	1,873	8.0	28	4.8	45	8.5
Indianapolis, Ind.	5,874	3.0	6,094	4.3	1,163	0.9	1,067	1.4	194	0.5	308	1.0	2,151	13.1	1,882	11.1	2,316	12.4	2,745	20.3
Jersey City, N. J.	11,797	5.6	7,171	4.5	131	0.2	89	0.2	436	0.6	246	0.4	10,928	14.5	6,518	11.4	44	24.0	49	24.9
Kansas City, Mo.	4,967	2.3	3,558	3.9	550	0.4	544	0.7	137	0.4	148	0.6	2,192	7.0	1,593	5.8	2,058	9.6	2,938	19.5
Los Angeles, Cal.	5,258	1.9	1,956	2.3	289	0.2	262	0.6	217	0.4	142	0.7	4,101	8.0	938	5.3	389	6.0	273	15.9
Louisville, Ky.	9,886	5.3	14,567	8.8	1,142	1.3	1,253	1.9	451	1.0	613	1.3	1,627	9.5	2,304	10.8	6,662	18.7	10,397	31.1
Lowell, Mass.	5,172	6.0	4,843	8.8	46	0.3	75	0.4	194	0.7	328	1.6	4,928	11.7	4,162	16.3	3	2.7	9	7.6
Memphis, Tenn.	8,855	8.0	14,989	18.3	255	0.5	246	0.9	27	0.3	66	0.8	6,229	9.9	5,611	11.3	9,932	17.6	14,106	35.1
Milwaukee, Wis.	10,761	3.6	5,243	3.8	170	0.1	62	0.2	384	0.3	436	0.4	10,274	9.5	7,695	8.8	26	2.9	47	6.1
Minneapolis, Minn.	6,139	2.4	2,977	1.8	84	0.1	77	0.2	214	0.2	166	0.3	5,790	6.8	2,641	4.4	69	2.9	83	6.2
Nashville, Tenn.	7,947	8.8	9,469	14.4	808	1.8	1,029	3.2	33	0.5	89	1.3	293	7.0	295	9.9	6,819	22.0	8,069	32.4
New Haven, Conn.	7,502	7.0	4,875	5.6	47	0.2	57	0.2	126	0.4	86	0.3	7,179	17.4	4,465	14.9	137	4.5	248	10.3
New Orleans, La.	18,987	6.9	30,820	13.6	1,606	1.0	1,419	2.1	782	1.2	1,310	2.0	3,504	12.9	5,333	18.3	13,541	33.8	22,536	36.1
New York, N. Y.	254,208	6.7	181,835	6.8	1,322	0.2	1,267	0.3	3,391	0.4	3,977	0.5	245,985	13.2	170,638	13.9	2,893	3.6	4,362	8.3
Manhattan Borough	151,871	4.6	113,977	3.5	477	0.2	591	0.2	1,679	0.2	1,109	0.4	116,871	11.6	116,897	15.6	1,711	2.5	2,224	6.9
Brooklyn Borough	78,145	6.1	41,852	4.6	535	0.5	594	0.5	1,845	0.7	1,596	0.5	74,789	15.6	37,648	10.9	896	4.2	1,724	11.1
Queens Borough	8,374	4.8	5,171	2.5	116	0.3	105	0.3	251	0.5	184	0.5	7,819	10.1	4,534	10.9	135	3.1	288	15.5
Richmond Borough	2,690	2.9	1,855	2.5	68	0.3	80	0.5	111	0.5	77	0.5	2,448	10.4	1,639	8.4	69	6.4	116	13.1
Newark, N. J.	18,553	6.0	11,715	6.1	222	0.3	192	0.4	553	0.6	546	0.8	15,131	14.2	10,218	14.7	589	7.5	708	12.8
Oakland, Cal.	3,863	3.0	1,614	2.9	90	0.2	27	0.1	245	0.6	58	0.3	3,000	8.3	1,268	7.9	87	3.3	50	5.6
Omaha, Nebr.	2,789	2.7	1,662	2.0	92	0.2	78	0.2	92	0.3	52	0.2	2,332	8.9	1,189	5.1	249	6.3	313	11.1
Paterson, N. J.	6,927	6.9	5,191	6.3	201	0.9	266	1.5	56	0.7	316	1.2	6,333	14.5	4,346	11.6	146	11.3	213	21.7
Philadelphia, Pa.	57,700	4.6	45,546	4.4	2,219	0.5	2,108	0.5	2,257	0.6	91,971	17.7	47,467	12.9	33,955	12.1	5,906	7.8	5,883	11.1
Pittsburgh, Pa.	26,427	6.2	20,402	5.8	429	0.3	518	0.5	780	0.6	959	0.8	23,984	17.5	16,468	14.6	1,499	6.6	2,437	14.4
Portland, Ore.	2,145	1.2	3,925	5.1	96	0.1	37	0.1	84	0.2	39	0.2	1,674	3.9	733	4.2	18	1.9	33	4.6
Providence, R. I.	14,236	7.7	10,029	7.0	156	0.3	180	0.4	531	1.0	569	1.4	13,039	17.6	8,607	16.6	434	9.7	634	15.9
Richmond, Va.	8,641	8.2	9,501	13.7	703	1.3	611	1.8	36	0.6	53	1.1	282	7.1	249	8.9	7,015	19.6	8,572	32.2
Rochester, N. Y.	6,916	3.8	3,499	2.7	146	0.2	94	0.2	198	0.3	202	0.4	6,557	11.5	3,174	7.9	11	1.4	29	5.7
St. Louis, Mo.	21,123	3.7	20,359	4.1	1,112	0.6	1,348	1.0	1,196	0.6	1,666	0.9	13,899	11.4	10,764	9.8	4,799	12.2	6,510	21.3
St. Paul, Minn.	3,731	2.1	3,956	3.1	55	0.1	54	0.2	156	0.2	176	0.4	3,459	6.3	3,570	7.7	26	2.3	146	23.4
San Francisco, Cal.	2,607	2.1	8,969	3.1	194	0.2	127	0.2	243	0.2	201	0.2	5,987	4.7	5,743	5.6	76	5.1	9	6.4
Scranton, Pa.	8,963	8.9	6,814	8.8	174	0.6	195	1.0	432	1.2	443	2.1	8,292	24.3	5,939	20.9	31	4.1	9	9.5
Seattle, Wash.	7,217	1.1	901	1.3	66	0.1	47	0.1	47	0.1	34	0.2	1,830	3.1	402	2.2	0.7	2.7	20	5.5
Spokane, Wash.	1,123	1.3	554	1.8	47	0.1	7	.....	17	0.1	11	0.2	898	4.4	397	5	16	2.4	19	5.7
Syracuse, N. Y.	5,629	4.9	2,800	3.2	294	0.4	238	0.7	190	0.5	213	0.7	5,179	17.3	2,264	9.7	50	5.1	17	8.8
Toledo, Ohio.	3,999	2.8	3,863	3.7	462	0.8	461	1.2	281	0.6	357	1.0	2,999	9.6	2,879	10.6	71	4.3	156	15.5
Washington, D. C.	13,812	4.9	20,028	8.6	797	0.6	975	0.9	163	0.4	163	0.5	1,944	12.0	1,342	7.0	10,818	13.5	17,462	24.3
Worcester, Mass.	5,077	5.0	4,590	4.9	82	0.2	84	0.3	209	0.6	383	1.4	5,641	12.6	4,009	11.0	36	3.5	75	8.2

\* Includes population of Allegheny for 1900.



## ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, AND ILLITERATE MALES 21 YEARS OF AGE AND OVER, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910 AND 1900—Continued.

[Per cent not shown where base is less than 100.]

Table 34—Continued.

CITY.	ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER.										ILLITERATES AMONG MALES 21 YEARS OF AGE AND OVER.					
	All classes.				Native white: 1910						Negro 1910		1910		1900	
	1910		1900		Native percentage.		Foreign or mixed parentage.		Foreign-born white: 1910		Negro 1910		1910		1900	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
<b>Massachusetts</b>																
Brookline	1,222	2.6	1,033	3.2	28	0.1	30	0.2	1,141	7.6	16	3.8	543	3.0	424	3.4
Brookline town	240	1.0			7	0.1	12	0.2	217	8.8	1	0.5	76	1.0	62	1.2
Chelsea	2,085	8.1	1,329	4.9	25	0.4	26	0.4	2,038	15.5	9	4.4	790	7.8	488	4.8
Chicago	1,536	7.0			8	0.2	47	0.8	1,340	13.4			399	8.5	1,022	10.4
Everett	433	1.6			10	0.1	18	0.2	387	4.1	17	2.7	181	1.9	126	1.6
Fitchburg	1,434	6.0			25	0.4	30	0.4	1,477	12.3	16	4.1	833	7.6	777	7.7
Haverhill	444	4.0	1,540	5.1	34	0.2	49	0.6	1,772	12.3	16	4.1	949	5.7	578	3.2
Holyoke	3,108	6.8	4,061	11.4	35	0.5	155	0.9	2,912	13.0	7	1.7	1,305	8.4	1,508	12.8
Lawrence	9,067	13.2	4,191	8.4	35	0.4	179	0.9	8,778	22.7			3,832	14.8	3,611	14.0
Lynn	2,261	3.0	1,540	2.7	49	0.2	63	0.3	2,102	7.9	36	6.2	1,005	3.4	685	2.7
Malden	774	2.2	664	2.4	13	0.1	15	0.1	709	5.4	30	7.9	225	1.8	276	2.4
New Bedford	9,350	12.1	4,055	12.2	90	0.6	297	1.6	8,423	20.8	532	23.7	4,087	15.5	2,945	11.2
Newton	1,231	3.7	832	3.0	17	0.1	14	0.2	1,159	10.5	35	8.9	572	4.4	347	3.7
Pittsfield	963	3.6			19	0.2	51	0.6	882	13.5	8	3.1	447	4.4	300	4.8
Quincy	621	2.4			13	0.2	307	4.1	372	5.5			269	2.9	282	3.0
Salem	2,083	6.0	2,121	7.4	21	0.2	84	0.6	1,961	15.0	4	2.8	1,015	8.0	861	8.5
Somerville	1,232	1.9	1,318	2.7	20	0.1	27	0.1	1,163	3.7	12	6.6	538	2.4	490	2.7
Springfield	3,311	4.5	2,127	4.2	75	0.3	156	0.8	3,015	13.5	38	4.6	1,454	5.2	1,474	4.7
Taunton	2,601	9.4	1,788	7.1	89	0.9	101	1.2	2,337	24.6	72	33.3	1,207	12.4	758	8.2
Waltham	773	3.3			121	1.4	106	1.5	537	7.2	6	1.7	279	3.5	333	5.0
<b>Michigan</b>																
Battle Creek	136	0.6			39	0.3	9	0.2	68	2.7	20	4.1	72	0.9	36	0.6
Bay City	1,269	3.6	1,265	5.9	17	0.9	232	15.1	957	8.9	5	3.7	569	4.5	543	7.5
Flint	568	1.7			16	0.4	16	0.4	532	6.8	23	6.1	173	1.4	73	0.7
Jackson	568	2.1	366	1.7	42	0.3	22	0.3	469	11.1	11	2.8	87	3.0	173	2.1
Kalamazoo	597	1.8			129	0.7	63	0.8	372	5.7	29	5.0	326	2.0	169	2.5
Lansing	403	1.5			27	0.4	318	8.2	4	0.1	205	1.9	165	3.4	195	3.5
Saginaw	1,257	3.1	1,028	3.0	65	0.5	113	0.7	1,071	9.4	16	5.7	549	3.6	410	3.5
<b>Minnesota</b>																
Duluth	1,720	2.7	1,495	3.7	27	0.2	59	0.3	1,625	5.4	3	0.8	948	3.2	721	3.8
<b>Missouri</b>																
Joplin	435	1.7	516	2.5	306	1.4	20	0.9	26	2.9	52	11.7	159	1.6	195	2.3
St. Joseph	1,334	2.4	1,742	2.1	403	1.0	86	0.7	561	7.1	480	12.9	727	2.8	712	2.1
Springfield	689	2.4			391	1.7	22	0.7	27	2.4	248	14.9	265	2.5	267	4.1
<b>Montana</b>																
Butte	547	1.7	592	2.4	12	0.1	22	0.2	469	3.7	10	4.5	268	1.7	339	2.5
<b>Nebraska</b>																
Lincoln	1,298	3.6	607	1.9	65	0.3	20	0.3	1,177	17.5	36	5.6	458	3.3	207	1.7
South Omaha	1,085	3.3	475	2.4	16	0.3	20	0.3	1,001	13.3	46	7.6	390	7.3	305	2.1
<b>New Hampshire</b>																
Manchester	3,374	5.9	4,055	8.9	41	0.3	186	1.2	3,145	11.1	1	0.1	1,434	7.0	1,593	10.3
Nashua	1,447	6.8			30	0.4	64	1.2	1,353	15.7			620	8.0	982	14.6
<b>New Jersey</b>																
Atlantic City	1,767	4.5	1,145	4.9	115	0.6	29	0.5	936	15.1	670	7.6	748	4.8	455	4.9
Bayonne	7,757	9.1	2,092	8.7	209	0.3	63	0.5	3,634	18.4	34	7.8	1,852	11.3	919	9.9
Camden	3,314	4.4	2,144	4.0	249	0.6	109	0.7	2,241	14.7	70	14.0	1,474	5.1	967	4.5
East Orange	367	1.3			21	0.1	18	0.3	210	3.7	117	7.4	108	1.1	122	1.6
Elizabeth	3,943	6.9	2,542	6.4	50	0.3	103	0.6	3,686	16.0	93	8.4	1,947	8.6	1,474	8.4
Hoboken	6,684	15.8	3,067	3.5	14	0.1	95	0.5	2,433	9.1	1	0.9	1,106	5.0	598	5.5
Orange	1,535	6.6			19	0.3	49	0.7	1,311	16.6	155	7.6	654	7.7	590	9.8
Pasadena	6,864	15.8	3,225	14.9	20	0.4	84	1.0	6,523	23.8	54	11.9	2,241	15.0	1,011	13.4
Perth Amboy	2,368	9.9			9	0.2	56	0.5	2,313	16.8	9	7.0	1,161	11.6	810	13.9
Trenton	4,633	5.9	3,855	6.6	296	0.9	199	1.0	3,879	15.3	344	10.7	2,187	7.0	1,698	7.7
West Hoboken town	678	2.4			7	0.2	28	0.3	633	4.8			222	2.2	114	1.8
<b>New York</b>																
Amsterdam	2,634	10.3			29	0.3	20	0.5	2,589	25.0	4	0.1	1,164	12.3	403	6.7
Albany	1,322	4.5	723	2.8	21	0.4	94	0.4	1,250	16.8			615	5.1	236	3.2
Binghamton	1,151	2.8	712	2.1	111	0.4	29	0.4	960	13.8	21	2.2	435	3.8	264	2.2
Elmira	798	2.5	942	3.1	51	0.3	28	0.4	661	12.8	44	9.5	345	2.9	387	3.4
Geneva	684	2.6			11	0.1	14	0.2	658	6.4	1	0.1	312	2.8	232	2.0
Kingston	924	4.3			83	0.3	6	0.5	730	16.8	45	9.0	423	3.3	491	7.2
Mount Vernon	1,015	4.1			7	0.1	12	0.2	930	12.3	46	6.1	492	4.9	406	7.1
New Rochelle	1,595	6.5			16	0.2	14	0.2	1,333	15.8	134	9.5	705	7.9	596	8.9
Newburgh	691	3.0			29	0.3	44	0.4	611	12.9	19	3.6	300	3.5	203	2.9
Niagara Falls	1,435	5.8			16	0.3	13	0.2	1,370	11.8	25	10.5	825	8.0	410	6.3
Poughkeepsie	449	2.8			54	0.4	33	0.6	543	12.3	19	3.2	284	3.0	278	3.9
Schenectady	3,148	5.4	1,283	4.9	68	0.3	81	0.6	2,968	16.5	8	3.3	1,684	6.7	656	5.9
Troy	1,279	2.0	2,071	4.6	68	0.3	110	0.5	1,074	7.1	26	4.5	475	2.1	885	5.3
Utica	2,044	8.2	2,471	8.1	88	0.4	112	0.8	4,831	25.4	4	0.2	2,163	2.1	1,025	1.9
Watertown	1,037	4.6			76	0.7	88	1.6	869	14.4			589	6.9	304	4.5
Yonkers	5,311	8.4	1,698	4.6	34	0.2	76	0.4	5,097	19.7	99	7.0	2,491	10.6	709	5.3
<b>North Carolina</b>																
Charlotte	2,675	10.1			378	2.3	3	0.7	23	5.2	2,269	24.3	848	9.4	760	15.4
Wilmington	3,061	14.9			302	3.1	11	1.7	27	6.2	2,717	28.2	937	13.1	968	18.0

ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, AND ILLITERATE MALES 21 YEARS OF AGE AND OVER, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910 AND 1900—Continued.

[Per cent not shown where base is less than 100.]

CITY.	ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER.										ILLITERATES AMONG MALES 21 YEARS OF AGE AND OVER.					
	All classes.				Native white: 1910						Negro:		1910		1900	
	1910		1900		Native percentage.		Foreign or mixed percentage.		Foreign-born white: 1910							
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
<b>Ohio</b>																
Akron.....	1,706	3.0	719	2.1	115	0.4	53	0.4	1,487	11.6	50	8.9	933	3.9	285	2.3
Canton.....	1,431	3.4	462	1.9	79	0.3	52	0.6	1,222	15.4	5	2.0	856	5.1	168	1.9
Hamilton.....	386	1.3	.....	.....	146	0.9	21	0.3	155	4.8	62	10.2	181	1.7	132	1.8
Lima.....	368	1.5	.....	.....	175	0.9	24	0.6	123	3.8	45	5.6	186	2.0	104	2.5
Lorain.....	1,228	5.6	.....	.....	7	0.1	14	0.1	1,200	11.5	7	2.3	709	7.0	297	3.6
Newark.....	825	1.1	1,239	3.9	80	0.5	148	7.4	41	7.1	21	7.1	137	1.6	162	3.0
Springfield.....	827	2.1	.....	.....	139	0.6	33	0.4	302	9.7	352	8.5	490	2.6	543	6.0
Youngstown.....	4,318	7.1	2,759	7.9	55	0.3	88	0.5	4,272	17.8	94	5.8	2,332	9.0	1,426	10.5
Zanesville.....	507	2.2	.....	.....	156	0.9	35	0.9	216	13.7	98	8.7	258	2.7	181	2.6
<b>Oklahoma</b>																
Muskogee.....	870	4.2	.....	.....	84	0.7	3	0.2	16	3.0	763	12.1	343	3.9	127	9.6
Oklahoma City.....	733	1.4	.....	.....	100	0.3	15	0.3	245	7.7	363	6.7	351	1.5	97	2.7
<b>Pennsylvania</b>																
Allentown.....	1,241	3.0	1,059	3.7	298	1.0	36	0.7	904	14.9	3	2.6	374	2.5	327	3.2
Altoona.....	1,307	3.1	628	2.1	240	0.8	50	0.9	990	18.8	15	3.8	611	3.9	252	2.3
Chester.....	2,085	6.6	1,369	6.9	89	0.6	49	0.7	1,922	21.5	352	13.8	1,134	9.1	851	8.4
Easton.....	669	2.6	459	2.2	132	0.8	34	0.9	433	14.4	9	3.8	213	2.4	149	2.0
Erie.....	1,970	3.7	1,270	3.1	63	0.3	101	0.5	1,796	12.4	18	6.9	1,054	3.2	623	4.0
Harrisburg.....	1,338	2.5	1,493	3.6	341	0.8	52	1.1	499	12.6	444	11.5	586	2.9	550	3.9
Hazleton.....	1,013	10.0	.....	.....	67	1.1	145	2.0	1,700	29.1	1	.....	758	11.3	286	7.8
Johnstown.....	3,912	9.0	2,533	9.3	180	0.9	112	1.3	3,591	24.4	19	5.9	2,384	13.3	1,362	13.7
Lancaster.....	666	1.7	798	2.4	270	0.9	27	1.1	230	3.7	92	33.1	216	2.0	241	2.5
McKeesport.....	1,336	4.1	1,918	7.6	49	0.5	34	0.4	1,210	9.9	43	6.7	628	4.9	419	10.4
New Castle.....	1,834	6.4	864	3.9	70	0.5	32	0.6	1,678	20.1	48	10.8	1,048	8.9	473	5.4
Norristown borough.....	2,037	8.8	.....	.....	529	3.7	210	4.9	1,433	30.5	128	15.8	837	9.7	259	3.9
Reading.....	2,367	3.0	2,555	4.1	658	1.1	85	1.0	1,699	18.8	23	3.4	1,075	3.7	989	4.4
Scranton borough.....	4,445	23.7	.....	.....	25	1.3	13	0.5	4,201	41.6	1	.....	2,296	28.3	1,149	35.0
Wilkes-Barre.....	3,669	6.9	2,438	6.2	122	0.7	180	1.0	3,261	20.9	46	8.1	1,630	8.6	965	7.3
Williamsport.....	364	1.4	625	2.7	11	0.6	20	0.4	178	7.8	53	7.0	164	1.8	244	3.1
York.....	1,990	2.7	949	3.5	640	2.1	54	2.2	131	11.7	115	11.6	495	3.0	340	3.6
<b>Rhode Island</b>																
Newport.....	653	2.9	.....	.....	17	0.2	24	0.3	532	8.6	78	5.8	306	3.5	243	3.6
Pawtucket.....	2,255	5.4	1,947	5.2	68	0.7	213	4.1	1,957	11.3	61	5.5	845	4.5	641	6.0
Warwick town.....	2,244	10.6	.....	.....	60	1.0	283	4.5	1,888	21.8	13	9.0	969	12.6	976	16.5
Woonsocket.....	2,703	9.1	3,384	15.6	37	0.9	285	2.8	2,379	15.3	2	.....	1,244	11.9	1,388	18.9
<b>South Carolina</b>																
Charleston.....	7,323	15.3	7,763	17.4	173	1.1	12	0.3	150	6.3	6,988	27.9	2,256	14.0	2,259	15.8
Columbia.....	3,723	17.4	.....	.....	626	5.7	11	2.1	36	8.4	3,050	32.2	1,234	16.2	1,117	18.8
<b>Tennessee</b>																
Chattanooga.....	3,665	9.9	3,816	15.5	467	2.5	8	0.3	85	6.6	3,164	20.7	1,440	10.1	1,347	14.7
Knoxville.....	1,942	6.5	3,040	11.6	960	4.5	18	0.9	36	4.7	932	24.2	634	6.0	933	10.3
<b>Texas</b>																
Austin.....	1,904	7.8	.....	.....	333	2.6	82	2.6	356	14.8	1,131	18.8	750	8.7	598	9.6
El Paso.....	3,477	11.3	.....	.....	329	3.7	21	0.3	2,570	16.3	15	1.5	1,135	3.8	849	6.6
Fort Worth.....	4,089	13.3	.....	.....	268	2.2	237	5.3	3,432	27.0	116	9.5	1,348	11.4	912	13.8
Houston.....	2,283	3.8	1,113	5.3	268	0.7	45	1.0	337	15.6	1,329	12.0	1,104	4.4	352	4.2
Galveston.....	1,559	5.1	2,559	7.5	70	0.7	52	1.0	1,431	8.7	345	12.2	698	5.5	725	6.6
Honolulu.....	4,161	6.4	4,137	11.4	177	0.6	115	1.2	549	8.9	3,318	16.4	1,523	9.9	1,399	10.1
San Antonio.....	7,788	10.1	4,244	10.2	918	2.7	1,304	7.3	4,287	20.0	1,174	13.2	2,621	5.4	1,395	9.6
Waco.....	1,073	5.1	.....	.....	79	0.6	13	0.7	128	10.1	844	16.8	383	5.2	527	9.3
<b>Utah</b>																
Ogden.....	299	1.5	.....	.....	20	0.2	19	0.3	214	5.0	5	2.7	149	1.9	86	2.1
Salt Lake City.....	1,148	1.6	649	1.6	69	0.3	62	0.2	889	4.4	91	4.6	575	2.0	253	1.9
<b>Virginia</b>																
Lynchburg.....	2,135	9.3	.....	.....	161	1.1	5	0.8	64	14.5	1,964	23.3	729	9.3	830	18.0
Norfolk.....	4,960	9.0	6,926	18.4	368	1.3	12	0.4	426	12.5	4,148	19.7	1,750	8.6	2,449	17.5
Petersburgh.....	2,617	9.8	.....	.....	151	1.0	9	0.3	135	12.5	2,317	24.5	900	8.5	646	12.0
Roanoke.....	1,911	6.9	.....	.....	400	2.0	7	0.9	52	7.0	1,451	22.7	730	7.2	453	7.9
<b>Washington</b>																
Tacoma.....	1,255	1.8	574	2.9	36	0.1	29	0.2	1,080	5.2	25	3.6	696	2.1	322	3.7
<b>West Virginia</b>																
Huntington.....	1,271	5.1	.....	.....	98	4.6	16	1.6	25	4.6	240	13.8	525	5.6	248	7.3
Wheeling.....	1,682	3.2	1,174	3.8	157	0.9	36	0.9	733	33.8	85	9.3	569	4.0	452	4.1
<b>Wisconsin</b>																
Green Bay.....	1,123	5.7	.....	.....	72	1.3	365	3.6	670	16.9	2	.....	524	7.6	403	8.5
La Crosse.....	637	2.5	510	2.3	14	0.2	50	0.4	571	9.5	2	.....	256	2.9	183	2.4
Madison.....	345	1.6	.....	.....	4	0.1	16	0.2	345	8.0	6	5.2	172	2.2	78	1.4
Menomonie.....	716	2.7	.....	.....	26	0.4	38	0.3	646	9.9	3	.....	323	3.4	203	3.6
Racine.....	1,127	3.6	960	4.3	9	0.1	36	0.3	1,043	8.9	4	.....	586	4.7	358	4.3
Sheboygan.....	672	3.2	.....	.....	4	0.1	35	0.4	633	7.6	2	.....	304	3.9	398	6.6
Superior.....	380	2.7	78	3.3	10	0.1	31	0.3	789	5.9	2	1.2	479	3.1	403	3.6

1 Less than one-tenth of 1 per cent.

## ILLITERATE CHILDREN 10 TO 14 YEARS OF AGE.

United States as a whole.—The extent of illiteracy in the age group comprising children from 10 to 14 years old, inclusive, is of special significance, inasmuch as it foreshadows the proportion of illiteracy that may be expected for the whole native population in the future, if educational conditions remain unchanged. Moreover, a comparison of the figures for this age group as reported for 1910 and for 1900 will indicate, more clearly than any comparison of figures relating to the population as a whole, the changes which have taken place during the decade in the efficiency of the country's educational system. Comparative statistics of illiteracy among children from 10 to 14 years of age for 1910 and 1900 are given in Table 35.

Table 35

CLASS OF POPULATION.	CHILDREN 10 TO 14 YEARS OF AGE, INCLUSIVE.					
	1910			1900		
	Total	Illiterate.		Total	Illiterate.	
	Number.	Per cent.		Number.	Per cent.	
<b>Total</b> .....	<b>9,107,140</b>	<b>370,136</b>	<b>4.1</b>	<b>8,980,234</b>	<b>577,648</b>	<b>7.1</b>
White.....	7,918,408	144,675	1.8	6,859,238	240,580	3.5
Native.....	7,569,078	131,961	1.7	6,547,573	225,208	3.4
Native parentage.....	5,324,283	117,973	2.2	4,669,800	205,735	4.4
Foreign of mixed parentage.....	2,235,795	14,018	0.6	1,987,283	17,473	0.9
Foreign born.....	358,330	12,684	3.5	311,565	17,372	5.6
Negro.....	1,155,266	218,558	18.9	1,091,990	328,992	30.1

The percentage of illiteracy for children from 10 to 14 years of age declined from 7.1 in 1900 to 4.1 in 1910. The greatest relative change was among the native whites of native parentage, where the proportion of illiterates among children of this age group in 1910 was only half as great as in 1900. There was also a noteworthy diminution in the proportion for the foreign-born whites. Among the negroes the percentage of illiteracy for children 10 to 14 years of age

was still very high in 1910, being 18.9, but even this figure represented a notable reduction as compared with the percentage in 1900.

Divisions and states.—Table 36 gives, by divisions, the total population from 10 to 14 years of age, with the number and percentage illiterate, classified according to color or race, nativity, and parentage, for 1910, and the percentage of illiteracy for 1900.

In each of the four northern divisions and in the Pacific division less than 1 per cent of the children in this age group in 1910 were illiterate, the minimum percentage, 0.3, being in the East North Central division. In the three southern divisions taken together one-tenth of the children from 10 to 14 years of age were unable to write. In the Mountain division the percentage of illiteracy for this age group was smaller than in any of the southern divisions, but considerably larger than in the Pacific division. For native whites, both of native and of foreign or mixed parentage, the percentage of illiterates among children from 10 to 14 years of age was very small except in the South. The percentages for foreign-born whites were somewhat higher than for either class of the native whites in all of the divisions, and conspicuously so in the West South Central division. So far as the negro children were concerned, there was comparatively little difference in the northern and western divisions between the proportion of illiterates in this group and that among the native whites. On the other hand, the percentages of illiteracy for negro children in the southern divisions were conspicuously larger than the percentages for the white children.

A comparison of the figures shown for 1910 with those for 1900 indicates that there was in general a considerable diminution during the decade in the percentage of illiteracy among children from 10 to 14 years of age; indeed, in a great many cases the percentage in 1910 was less than half what it was in 1900.

Table 37 gives, by states, the population 10 to 14 years of age, with the number and percentage illiterate.

Table 36

DIVISION.	CHILDREN 10 TO 14 YEARS OF AGE, INCLUSIVE.																		
	All classes.				Native white.						Foreign-born white.				Negro.				
	Illiterate.		Native parentage.		Foreign of mixed parentage.		Illiterate.		Illiterate.		Illiterate.		Illiterate.						
	Total: 1910	Number: 1910	Per cent. 1910 1900	Total: 1910	Number: 1910	Per cent. 1910 1900	Total: 1910	Number: 1910	Per cent. 1910 1900	Total: 1910	Number: 1910	Per cent. 1910 1900	Total: 1910	Number: 1910	Per cent. 1910 1900	Total: 1910	Number: 1910	Per cent. 1910 1900	
<b>United States</b> .....	<b>9,107,140</b>	<b>370,136</b>	<b>4.1</b>	<b>7,918,408</b>	<b>144,675</b>	<b>1.8</b>	<b>6,859,238</b>	<b>240,580</b>	<b>3.5</b>	<b>1,155,266</b>	<b>218,558</b>	<b>18.9</b>	<b>1,091,990</b>	<b>328,992</b>	<b>30.1</b>				
New England.....	559,556	1,970	0.4	522,925	310	0.2	4,425,795	14,018	0.3	54,191	830	1.5	5,062	19	0.4	1.1			
Middle Atlantic.....	1,726,086	7,313	0.4	1,602,310	2,025	0.2	4,675,330	1,731	0.5	157,984	3,226	2.0	5,948	297	1.0	2.6			
East North Central.....	1,796,759	5,322	0.3	1,639,168	2,320	0.3	5,776,779	1,853	0.2	65,327	778	1.2	21,184	278	1.2	2.4			
West North Central.....	1,170,674	6,697	0.6	1,122,854	3,897	0.5	1,638,447	653	0.2	29,230	772	2.6	3,1	29,281	733	3.6	7.7		
South Atlantic.....	1,396,058	180,007	10.0	1,309,889	41,768	5.0	9,99	42,822	349	0.8	1,812	286	11.4	8,6	326,475	66,200	19.7	33.1	
East South Central.....	1,868,343	305,293	10.7	1,829,684	395,961	5.8	10,27	17,025	157	0.9	14.4	15,000	5,190	34.6	30.2	240,285	53,000	22.4	32.7
West South Central.....	1,016,531	95,759	9.4	1,016,531	62,778	6.1	9,1	71,802	8,041	11.2	11.4	1,016,531	95,759	9.4	1,016,531	95,759	9.4	1,016,531	95,759
Mountain.....	239,610	8,226	3.4	239,610	2,551	1.7	4.3	69,816	718	1.6	1.5	10,622	832	8.3	7.8	1,286	31	1.6	2.4
Pacific.....	322,520	1,542	0.5	322,520	273	0.1	0.3	111,040	279	0.2	0.4	10,559	418	2.3	2.8	1,795	10	0.6	1.0

ILLITERATES AMONG CHILDREN 10 TO 14 YEARS OF AGE, INCLUSIVE, BY DIVISIONS AND STATES: 1910 AND 1900.

DIVISION AND STATE.	1910			1900			DIVISION AND STATE.	1910			1900		
	Total.	Illiterate.		Total.	Illiterate.			Total.	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.			Number.	Per cent.		Number.	Per cent.
<b>United States</b> .....	<b>9,107,149</b>	<b>370,136</b>	<b>4.1</b>	<b>8,080,234</b>	<b>577,649</b>	<b>7.1</b>							
<b>GEOGRAPHIC DIVISIONS:</b>													
New England.....	559,556	1,970	0.4	465,807	4,773	1.0	<b>SOUTH ATLANTIC:</b>						
Middle Atlantic.....	1,726,086	5,130	0.3	1,442,576	13,133	0.9	Delaware.....	19,308	3,507	1.8	15,746	845	4.5
East North Central.....	1,706,759	5,367	0.3	1,654,578	10,977	0.7	Maryland.....	129,405	2,207	1.7	126,217	5,859	4.6
West North Central.....	1,170,674	6,697	0.6	1,101,704	16,906	1.4	District of Columbia.....	24,649	93	0.4	22,734	398	1.8
South Atlantic.....	1,396,033	149,000	10.6	1,247,791	221,977	17.8	Virginia.....	237,563	21,917	9.2	229,837	34,612	15.7
Mountain.....	239,610	5,228	2.2	216,520	8,538	3.4	West Virginia.....	131,027	2,491	1.9	119,729	5,818	5.3
Pacific.....	322,523	9,759	3.0	276,520	1,794	0.8	North Carolina.....	265,964	26,365	10.1	235,326	51,190	21.8
							South Carolina.....	192,496	32,538	17.1	174,363	51,536	29.6
							Georgia.....	315,417	42,804	13.6	277,865	63,229	22.8
							Florida.....	80,319	8,282	10.3	69,975	8,389	13.8
							<b>EAST SOUTH CENTRAL:</b>						
							Kentucky.....	262,905	15,233	6.0	231,633	21,247	8.4
							Tennessee.....	243,328	18,285	7.5	243,773	36,375	14.9
							Alabama.....	253,196	41,537	16.4	228,685	66,072	28.9
							Mississippi.....	219,914	28,238	12.8	198,065	44,334	22.4
							<b>WEST SOUTH CENTRAL:</b>						
							Arkansas.....	179,579	14,820	8.2	166,481	26,972	16.2
							Louisiana.....	186,069	4,531	2.4	97,168	13,467	13.9
							Oklahoma <sup>1</sup> .....	456,792	28,674	6.3	383,177	35,491	9.3
							Texas.....						
							<b>MOUNTAIN:</b>						
							Montana.....	29,696	398	1.3	19,397	374	1.9
							Idaho.....	31,992	112	0.4	16,962	209	1.2
							Wyoming.....	10,829	57	0.5	7,843	72	0.9
							Colorado.....	69,688	105	0.9	48,871	742	1.5
							New Mexico.....	34,008	3,924	11.1	21,849	4,354	19.9
							Arizona.....	18,091	2,750	15.2	11,671	2,592	22.2
							Utah.....	40,670	209	0.7	33,570	220	0.7
							Nevada.....	4,936	313	4.3	3,388	275	8.1
							<b>PACIFIC:</b>						
							Washington.....	92,802	332	0.4	48,233	340	0.7
							Oregon.....	55,776	112	0.2	41,398	175	0.4
							California.....	175,945	1,098	0.6	126,889	1,279	1.0

<sup>1</sup> Includes population of Indian Territory for 1900.

## MALES 21 YEARS OF AGE AND OVER.

United States as a whole.—By reason of the political privileges which appertain to males 21 years of age and over a peculiar interest attaches to the proportion of illiterates in this class of the population, which is shown in Table 38.

CLASS OF POPULATION.	MALES 21 YEARS OF AGE AND OVER.					
	Total.		Number illiterate.		Per cent illiterate.	
	1910	1900	1910	1900	1910	1900
<b>Total</b> .....	<b>26,989,151</b>	<b>21,134,289</b>	<b>2,271,603</b>	<b>2,288,470</b>	<b>8.4</b>	<b>10.8</b>
White.....	24,357,514	18,918,097	1,406,364	1,249,897	5.8	6.6
Native.....	17,710,067	11,614,457	912,533	687,391	3.2	4.9
Native parentage.....	13,211,731	10,569,743	557,042	618,606	4.2	5.9
Foreign or mixed parentage.....	4,498,966	3,444,664	60,691	68,925	1.3	2.0
Foreign born.....	6,646,817	4,904,270	788,631	562,316	11.9	11.5
Negro.....	2,458,873	2,060,302	819,135	976,610	33.3	47.4
Indian.....	62,967	57,077	32,603	36,334	51.8	63.7
Chinese.....	69,421	81,018	9,452	22,476	15.0	27.7
Japanese.....	56,638	47,826	1,423	3,153	4.8	18.5
All other.....	2,732	1,952	1,151	1,151	40.9	58.9

The percentage of illiteracy for the total male population 21 years of age and over in 1910 was 8.4. For the native whites of native parentage the percentage was 4.2, for the native whites of foreign or mixed parentage 1.3, for the foreign-born whites 11.9, and for the negroes 33.3. In the total population, and in every class except the foreign-born whites, the percentage of illiteracy among males 21 years of age and over was less in 1910 than in 1900.

Divisions and states.—The number and percentage of illiterate males 21 years of age and over in the principal color or race, nativity, and parentage groups is shown by divisions and states in Table 39.

In the total number of males 21 years of age and over the percentage of illiteracy was lowest in the West North Central division and highest in the East South Central division. The three southern divisions, which contain large numbers of negroes, had much higher proportions of illiterates among males 21 years of age and over than the northern and western divisions.

A comparison of the figures for 1910 with those for 1900 shows that, except in the Middle Atlantic division, where the proportion of illiterates remained the same, and the New England division, which shows a comparatively small decrease, there was generally throughout the United States a considerable decrease during the decade in the percentage of illiterates among males 21 years of age and over. The exceptional situation in New England and the Middle Atlantic division is due to the fact that these divisions have received a great part of the recent immigrants.

Principal cities.—Table 40 gives figures showing the number and percentage of illiterates among males 21 years of age and over in cities having 100,000 inhabitants or more, similar information in condensed form being given in Table 34 for cities having 25,000 to 100,000 inhabitants.

## ILLITERATE MALES 21 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 39 DIVISION AND STATE.	ALL CLASSES.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
	1910		1900		Native parentage.		Foreign or mixed parentage.					
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
<b>United States</b> .....	<b>2,272,603</b>	<b>8.4</b>	<b>2,288,470</b>	<b>10.8</b>	<b>557,042</b>	<b>4.2</b>	<b>80,861</b>	<b>1.3</b>	<b>788,631</b>	<b>11.9</b>	<b>819,135</b>	<b>32.3</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	127,449	6.3	117,144	6.9	8,398	1.0	7,622	2.0	108,833	13.7	1,967	8.9
New England.....	401,698	6.8	398,291	6.8	34,950	1.5	12,514	1.1	349,642	15.0	11,876	8.5
Middle Atlantic.....	241,733	4.3	236,561	5.1	53,185	2.3	16,669	1.3	150,136	9.5	13,285	12.4
West North Central.....	123,309	3.5	130,063	4.5	38,518	2.6	7,651	0.9	58,309	6.7	13,468	16.2
South Atlantic.....	549,246	17.6	611,631	24.5	166,864	9.0	1,672	1.4	19,659	13.0	351,220	36.8
West South Central.....	496,530	19.4	465,085	26.0	148,311	11.1	1,482	2.1	3,631	7.8	252,677	39.3
East South Central.....	310,191	13.7	320,966	20.3	86,421	6.0	6,353	6.0	36,251	21.1	173,284	35.4
Mountain.....	63,138	6.9	50,011	8.9	12,105	2.8	2,089	1.2	31,303	12.1	707	7.0
Pacific.....	59,827	3.7	47,098	5.3	3,290	0.5	1,639	0.6	39,947	7.9	701	5.8
<b>NEW ENGLAND:</b>												
Maine.....	15,076	5.5	13,952	6.4	3,149	2.0	2,073	7.8	7,676	15.8	55	11.6
New Hampshire.....	8,413	6.2	10,295	7.9	859	1.1	609	3.4	6,909	16.5	29	14.5
Vermont.....	6,039	5.3	8,544	7.9	1,331	1.9	1,239	6.4	3,439	14.5	38	3.9
Massachusetts.....	61,909	6.1	53,694	6.4	1,700	0.5	2,172	1.0	56,904	12.5	1,186	9.4
Rhode Island.....	14,456	8.8	11,675	9.2	466	1.0	794	2.2	12,798	16.9	345	11.2
Connecticut.....	23,562	6.8	18,984	6.8	893	0.7	744	1.1	21,532	14.1	314	6.6
<b>MIDDLE ATLANTIC:</b>												
New York.....	170,030	6.0	130,004	5.9	11,443	1.3	6,383	1.0	148,730	12.2	2,265	5.0
New Jersey.....	51,086	6.6	38,305	6.9	4,216	1.5	1,207	0.8	42,347	13.7	3,082	10.7
Pennsylvania.....	179,982	7.8	189,982	7.7	18,701	1.7	4,924	1.3	149,592	20.2	6,479	10.1
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	62,698	4.2	58,698	4.8	10,188	2.3	3,879	1.1	35,910	11.4	5,169	13.2
Indiana.....	33,583	4.1	40,016	5.6	17,641	3.0	1,952	1.7	17,602	11.9	3,312	16.0
Illinois.....	79,433	4.6	67,481	4.8	15,588	2.2	3,275	0.8	55,907	9.2	4,349	10.9
Michigan.....	88,703	4.4	30,230	5.5	5,254	1.6	4,144	1.9	28,034	9.3	387	6.3
Wisconsin.....	27,698	4.0	31,136	5.5	1,514	1.0	3,918	1.5	20,433	7.6	58	5.4
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	23,603	3.7	20,856	4.1	782	0.5	1,757	0.9	19,947	6.7	123	3.6
Iowa.....	14,204	2.1	17,061	2.7	4,219	1.3	1,456	0.8	7,779	5.3	626	11.5
Missouri.....	51,294	5.3	60,327	7.0	27,800	4.4	2,937	1.4	10,848	8.9	10,090	19.0
North Dakota.....	5,467	3.1	5,187	5.4	303	0.5	2,307	0.6	4,029	5.1	36	5.1
South Dakota.....	5,550	3.1	5,628	5.0	305	0.5	299	0.6	2,323	4.3	24	7.0
Nebraska.....	8,545	2.4	7,388	2.5	1,401	0.8	643	0.7	5,886	6.2	231	7.2
Kansas.....	14,716	2.9	14,216	3.4	3,798	1.1	849	1.0	7,497	10.1	2,380	13.5
<b>SOUTH ATLANTIC:</b>												
Delaware.....	6,272	10.1	7,538	14.0	1,672	4.4	68	1.1	1,692	19.3	2,829	31.3
Maryland.....	31,238	8.5	40,332	12.5	8,097	4.0	623	1.0	5,037	10.5	17,484	27.3
District of Columbia.....	5,082	4.9	7,652	8.4	325	0.7	66	0.5	810	6.9	3,801	13.8
Virginia.....	92,917	17.7	113,353	25.3	33,488	9.9	192	1.8	1,297	8.7	57,867	36.3
West Virginia.....	35,040	10.4	32,066	12.9	20,666	7.8	356	2.2	8,528	24.6	5,457	24.0
North Carolina.....	107,563	21.3	122,658	29.4	49,619	11.1	91	4.0	274	8.3	56,669	38.6
South Carolina.....	90,707	27.1	99,516	35.1	17,535	14.0	64	1.9	204	6.1	72,857	43.1
Georgia.....	141,541	22.8	158,247	31.6	29,936	8.9	149	1.9	376	4.4	113,037	41.6
Florida.....	29,896	14.0	30,849	22.1	5,026	5.1	163	2.1	1,439	8.2	23,219	25.9
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	87,516	14.5	102,528	18.8	39,314	12.8	833	2.0	1,382	6.8	25,998	34.3
Tennessee.....	86,677	15.3	105,851	21.7	47,479	11.5	264	2.2	628	6.2	38,273	32.1
Alabama.....	124,494	24.7	139,649	33.7	30,389	10.9	244	2.9	1,028	9.8	92,744	43.4
Mississippi.....	107,843	25.3	118,057	33.8	11,129	6.1	141	2.3	593	11.3	65,702	41.0
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	53,440	13.5	62,615	20.0	20,343	7.7	385	3.4	661	6.8	32,013	28.7
Louisiana.....	118,716	26.6	122,638	37.6	28,091	15.6	905	2.8	5,211	19.7	84,176	48.3
Oklahoma.....	28,707	6.4	21,900	10.6	14,345	4.2	479	1.7	2,188	9.3	7,396	20.1
Texas.....	109,328	10.9	113,783	15.4	23,642	3.7	7,554	3.3	28,191	25.1	49,699	29.9
<b>MOUNTAIN:</b>												
Montana.....	8,812	5.7	6,209	6.1	228	0.4	166	0.6	5,885	9.9	75	8.8
Idaho.....	3,416	3.1	2,936	5.4	244	0.4	109	0.5	2,080	7.9	16	4.9
Wyoming.....	2,594	4.1	1,636	4.3	120	0.4	37	0.3	1,810	9.9	30	3.8
Colorado.....	11,343	4.2	7,689	4.1	2,663	1.8	273	0.6	7,468	10.6	373	8.7
New Mexico.....	16,684	17.6	15,885	25.3	8,142	11.8	538	7.7	3,630	29.0	88	13.7
Arizona.....	14,463	19.5	11,215	25.4	553	1.9	744	7.0	7,447	29.0	64	8.4
Utah.....	3,477	3.3	2,470	3.7	199	0.6	173	0.5	1,959	6.0	26	4.6
Nevada.....	2,399	6.0	2,271	12.8	46	0.3	49	0.6	908	7.6	15	6.6
<b>PACIFIC:</b>												
Washington.....	10,580	2.4	6,665	3.4	609	0.3	240	0.3	6,993	4.7	121	3.9
Oregon.....	6,440	2.6	6,978	4.8	729	0.5	185	0.5	4,633	6.3	24	3.1
California.....	42,787	4.6	32,485	6.2	1,961	0.5	1,214	0.7	28,921	9.7	656	6.8

1 Includes population of Indian Territory for 1900.

ILLITERACY.

ILLITERATE MALES 21 YEARS OF AGE AND OVER IN CITIES HAVING 100,000 INHABITANTS OR MORE: 1910.

CITY.	ALL CLASSES.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
	1910		1900		Native percentage.		Foreign or mixed percentage.					
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Albany, N. Y.	1,219	3.8	762	2.7	45	0.4	55	0.5	1,091	13.3	19	5.0
Atlanta, Ga.	5,606	8.1	5,396	14.6	470	1.8	11	0.7	1,188	4.4	3,015	21.7
Baltimore, Md.	7,701	4.7	10,152	7.2	434	0.6	195	0.6	3,488	10.4	3,369	13.4
Birmingham, Ala.	4,348	10.7	2,061	16.7	182	0.9	4	0.2	380	12.9	3,780	23.0
Boston, Mass.	9,335	4.5	8,111	4.6	94	0.1	107	0.2	8,896	8.6	23	2.6
Bridgesport, Conn.	1,815	5.5	1,203	5.5	19	0.2	29	0.4	1,788	10.2	132	4.9
Buffalo, N. Y.	5,664	4.4	5,108	5.3	92	0.3	284	0.6	5,281	8.4	40	5.4
Cambridge, Mass.	978	3.2	1,097	4.1	8	0.1	12	0.2	874	6.0	73	5.3
Chicago, Ill.	35,636	5.1	20,572	4.0	216	0.2	501	0.3	34,145	9.0	546	3.1
Cincinnati, Ohio.	3,962	3.5	3,114	3.4	473	1.3	201	0.5	2,165	7.9	1,183	16.0
Cleveland, Ohio.	9,418	8.3	5,786	5.2	70	0.2	121	0.3	9,047	8.6	125	3.8
Columbus, Ohio.	2,923	3.4	1,596	3.5	397	1.1	73	0.7	1,124	12.2	459	8.1
Dayton, Ohio.	1,099	2.8	679	2.6	130	0.6	33	0.4	704	9.6	194	10.9
Denver, Colo.	1,580	2.2	716	1.7	91	0.3	54	0.3	1,214	6.3	100	5.0
Detroit, Mich.	9,769	6.5	5,587	4.5	69	0.2	251	0.6	9,110	12.4	72	3.2
Fall River, Mass.	4,942	15.6	4,138	15.5	40	1.1	201	2.6	4,687	23.2	6	4.5
Grand Rapids, Mich.	933	2.7	833	3.3	26	0.2	23	0.3	885	6.3	9	3.4
Indianapolis, Ind.	2,712	3.5	2,526	4.8	448	1.0	63	0.5	1,209	11.5	991	13.1
Jersey City, N. J.	5,519	6.8	3,094	5.1	45	0.3	96	0.4	5,267	14.0	76	3.6
Kansas City, Mo.	2,034	2.3	2,096	3.9	232	0.5	46	0.3	941	7.2	787	8.6
Los Angeles, Cal.	2,270	2.0	886	2.7	100	0.2	63	0.3	1,806	6.1	115	4.5
Louisville, Ky.	4,024	3.0	5,836	9.8	464	1.6	185	1.1	591	7.1	2,782	20.3
Lowell, Mass.	2,266	7.2	2,592	9.6	20	0.3	61	0.9	2,183	12.0	1	(1)
Memphis, Tenn.	3,163	7.1	5,745	18.3	71	0.4	6	0.2	249	7.3	2,825	16.4
Milwaukee, Wis.	5,147	4.6	3,659	4.1	22	0.1	157	0.3	4,979	8.8	9	2.3
Minneapolis, Minn.	2,770	2.6	1,265	1.9	42	0.1	73	0.3	2,605	5.8	39	3.2
Nashville, Tenn.	2,901	9.1	3,169	14.3	371	2.1	7	0.3	66	4.6	2,456	23.3
New Haven, Conn.	3,037	7.5	1,866	5.7	15	0.1	33	0.4	2,929	13.3	48	4.0
New Orleans, La.	6,301	6.5	10,078	13.4	306	0.9	256	1.0	1,328	9.8	4,330	17.1
New York, N. Y.	91,815	6.4	65,556	6.5	446	0.2	1,194	0.4	88,818	10.7	891	2.0
Manhattan Borough	57,338	7.2	43,303	7.8	152	0.2	429	0.3	57,168	11.1	808	2.4
Bronx Borough	6,714	4.5	5,600	6.2	49	0.3	63	0.2	6,547	8.0	63	6.0
Brooklyn Borough	28,439	6.0	15,418	4.6	161	0.2	559	0.4	27,331	11.0	211	3.4
Queens Borough	5,835	4.7	2,513	5.4	60	0.4	83	0.3	5,618	9.4	44	4.6
Richmond Borough	1,501	4.9	895	4.4	24	0.3	59	0.0*	1,409	10.0	25	7.4
Newark, N. J.	6,227	6.0	4,588	6.5	85	0.4	166	0.6	5,694	11.5	216	7.2
Oakland, Cal.	1,877	3.6	741	3.6	36	0.2	75	0.6	1,494	7.7	34	2.7
Omaha, Nebr.	1,429	3.3	612	1.8	47	0.3	38	0.4	1,223	8.9	110	5.8
Palerson, N. J.	2,584	7.0	1,876	6.3	69	1.0	62	0.7	2,283	11.8	59	11.0
Philadelphia, Pa.	22,222	4.7	17,588	4.5	895	0.6	776	0.7	18,287	10.9	2,108	7.5
Pittsburgh, Pa. <sup>2</sup>	14,165	8.5	10,588	7.8	164	0.4	264	0.6	13,053	18.6	663	7.1
Portland, Oreg.	1,187	1.3	3,251	8.5	49	0.1	51	0.2	805	3.4	7	1.3
Providence, R. I.	5,738	8.3	3,830	7.2	63	0.4	162	1.0	5,278	16.1	187	10.6
Richmond, Va.	3,187	8.6	3,369	14.4	288	1.5	18	0.8	112	3.5	2,763	20.8
Rochester, N. Y.	3,158	4.5	1,327	2.9	62	0.3	72	0.3	3,014	11.1	6	2.0
St. Louis, Mo.	9,106	4.1	7,026	4.1	411	0.6	397	0.5	6,315	10.0	1,875	11.4
St. Paul, Minn.	1,576	2.2	1,351	2.6	18	0.1	52	0.2	1,468	5.1	26	1.7
San Francisco, Cal.	3,321	2.0	3,596	2.8	83	0.2	75	0.2	2,683	3.5	43	5.2
Scranton, Pa.	4,515	12.2	2,985	10.6	63	0.7	146	1.4	4,299	24.6	5	2.3
Seattle, Wash.	1,373	1.4	598	1.5	21	0.1	21	0.1	1,145	3.2	24	2.0
Spokane, Wash.	709	1.8	304	2.0	16	0.1	8	0.1	556	4.5	4	1.3
Syracuse, N. Y.	2,821	6.3	1,671	3.3	86	0.5	54	0.5	2,649	17.7	27	6.2
Toledo, Ohio.	1,832	3.4	1,592	4.2	229	1.1	120	0.8	1,419	9.0	30	4.2
Washington, D. C.	5,082	4.9	7,052	8.4	325	0.7	66	0.5	303	6.9	3,891	13.8
Worcester, Mass.	2,732	6.0	1,788	5.0	34	0.3	56	0.6	2,627	11.5	9	2.3

<sup>1</sup> 1 Per cent not shown where base is less than 100.

<sup>2</sup> Includes population of Allegheny for 1900.



## CHAPTER 8.

### DWELLINGS AND FAMILIES.

**Introduction.**—This chapter summarizes the data collected by the Thirteenth Decennial Census with regard to the number of dwellings and families and the average number of persons per dwelling and per family. Data are presented for each state and for the principal cities. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

In census usage a "dwelling" is any building in which one or more persons reside. A mere cabin, or a room in a warehouse, occupied by a single person, is a census dwelling, while on the other hand an apartment house containing many families constitutes only one dwelling.

The term "family" as here used means a household or group of persons, whether related by blood or not, who share a common abode, usually also sharing the same table. If one person lives alone, he constitutes a family, while on the other hand those who dwell in a hotel or institution in which many people live are also treated as forming a single family.

Notwithstanding the fact that a family under the census definition may in some instances be very large, there is no considerable difference between the average size of all families under the census usage and the average size of what are commonly termed families or households in popular speech. At the census of 1900 a distinction was made between "private families," in most of which all or nearly all of the members are related by blood or marriage, and "economic families," comprising more or less artificial groups, including boarding houses (at least those having several or many boarders), hotels, institutions, construction gangs, lumber camps, etc.

For the United States as a whole, as reported at the census of 1900, the average size of all families was 4.7 persons, and the average for private families 4.6, and in many of the states there was scarcely any difference between the two averages. In fact, the decline from census to census in the average size of "census families" is undoubtedly due to a decline in the average size of private families, resulting from a decrease in the average number of children in the "natural" family.<sup>1</sup> Similarly, differences between localities as to the average size of census families in general result in the main from differences in the average size of private families and "natural" families.

<sup>1</sup> It should, of course, be borne in mind that the "private family" is often by no means identical with a natural family. A natural family may be defined as consisting only of persons related by blood or marriage and as comprising all such persons within the particular degree of consanguinity which the individual using the term has in mind—the most common usage being, perhaps, to consider a husband and wife and their children as the unit. The members of a natural family often do not live together in the same "private family." On the other hand, many private families have servants or other members not related by blood, or members with more or less distant blood relationship.

**Summary for the United States.**—Table 1 shows, for the United States as a whole, the statistics regarding dwellings and families at each census from 1850 to 1910, except that the data regarding dwellings for 1860 and 1870 are omitted because they are not comparable with those for the other censuses.

CENSUS YEAR.	Population.	Number of occupied dwellings.	Number of families.	Persons to a dwelling.	Persons to a family.
1910.....	91,072,266	17,805,845	20,255,555	5.2	4.5
1900.....	75,994,575	14,430,145	16,187,715	5.3	4.7
1890.....	62,622,250	11,483,318	12,690,152	5.5	4.9
1880.....	50,135,782	8,855,812	9,945,916	5.6	5.0
1870.....	38,558,371	(?)	7,579,363	(?)	5.1
1860.....	27,489,561	(?)	5,210,934	(?)	5.3
1850.....	19,967,563	3,362,337	3,598,940	5.9	5.6

<sup>1</sup> Exclusive of population (325,464) specially enumerated, for which statistics as to dwellings and families are not available.

<sup>2</sup> Dwellings reported in 1860 and 1870 include both occupied and unoccupied dwellings.

<sup>3</sup> Dwellings and families returned for free population only.

In the United States as a whole, in 1910, with a population of 91,972,266, there were 17,805,845 occupied dwellings and 20,255,555 census families. The average number of persons per dwelling was 5.2, and the average number per family, 4.5. It is obvious that the great majority of dwellings are occupied by a single family each.

At each census from 1850 to 1910, for which comparable figures are available, a decrease was shown in the average number of persons per dwelling and the average number per family. The decrease in the average number per dwelling has been due to the decrease in the average per family, the influence of which has been partly offset by the increased construction of tenements and other dwellings containing more than one family.

**Divisions and states.**—Table 2 shows, by geographic divisions and states, the number of dwellings and families in 1910 and the average number of persons per dwelling and per family for each of the last three censuses.

Variations among the divisions and states with respect to the average number of persons per dwelling are largely due to variations in the proportion of the population living in great cities, where there are many tenement houses, apartment houses, and other large dwellings. The average number of persons per dwelling in 1910 was greatest in the Middle Atlantic and New England divisions (6.2 and 6, respectively), and these are the divisions with the largest proportion of urban population. The average was lowest in the Mountain division (4.5). Among the states, New York, Rhode Island, Massachusetts, New Jersey, and Connecticut had an average of more than six persons per dwelling in 1910. The average was lowest in Nevada (3.6).

In 1910 the average number of persons per family was greatest in the three southern divisions (4.8 in the South Atlantic and West South Central and 4.7 in the East South Central), and smallest (4.3) in the East North Central, Mountain, and Pacific divisions. In all of the geographic divisions except the New England and Middle Atlantic the average size of families decreased from 1900 to 1910, while in those two divisions there was no change. Among the individual states, the average size of families in 1910 was greatest in Minnesota and North Carolina, 5 in each case. It was 4.9 in Virginia, West Virginia, and Texas. In no state except Nevada did the average fall below 4.1.

Table 2

DIVISION AND STATE.	Popula- tion: 1910	Dwell- ings: 1910	Fam- ilies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.		
				1910	1900	1890	1910	1900	1890
<b>United States</b>	<b>91,972,266</b>	<b>17,805,845</b>	<b>20,255,555</b>	<b>5.2</b>	<b>5.3</b>	<b>5.5</b>	<b>4.5</b>	<b>4.7</b>	<b>4.8</b>
<b>Geog. Divs.:</b>									
New England.....	6,552,681	1,099,336	1,464,942	6.0	5.7	5.7	4.5	4.5	4.5
New England, Urban.....	19,315,892	3,093,464	4,235,675	6.0	5.7	5.9	4.6	4.6	4.7
New England, Rural.....	18,230,621	3,743,779	4,214,824	4.9	5.0	5.2	4.3	4.5	4.8
W. N. Central.....	11,687,929	2,448,083	2,556,099	4.8	5.0	5.2	4.5	4.8	5.0
South Atlantic.....	12,194,886	2,424,835	2,539,270	5.0	5.2	5.4	4.8	5.0	5.2
W. S. Central.....	8,409,901	1,732,152	1,796,832	4.9	5.1	5.2	4.7	4.7	5.3
W. S. Central, Urban.....	8,794,536	1,750,510	1,857,105	4.9	5.2	5.2	4.8	4.9	4.8
Mountain.....	2,633,517	556,451	614,656	4.5	4.5	5.0	4.3	4.4	4.8
Pacific.....	4,192,304	897,135	970,186	4.7	4.8	5.1	4.3	4.4	4.9
<b>NEW ENGLAND:</b>									
Maine.....	742,371	156,437	177,960	4.7	4.7	4.9	4.2	4.3	4.4
N. Hampshire.....	430,572	88,671	103,156	4.8	4.8	4.9	4.2	4.2	4.3
Vermont.....	355,956	71,969	85,178	4.6	4.6	4.8	4.2	4.2	4.4
Massachusetts.....	1,687,929	348,083	391,616	4.9	5.0	5.2	4.5	4.8	5.0
Rhode Island.....	542,610	79,725	117,976	4.6	4.6	4.6	4.6	4.6	4.7
Connecticut.....	1,114,756	181,911	246,659	6.1	5.7	5.7	4.5	4.5	4.5
<b>MID. ATLANTIC:</b>									
New York.....	9,113,614	1,178,686	2,046,545	7.7	7.0	6.7	4.5	4.4	4.6
New Jersey.....	2,537,167	407,235	558,252	6.2	5.9	5.8	4.5	4.5	4.7
Pennsylvania.....	7,665,111	1,037,853	1,636,628	5.1	5.1	5.3	4.7	4.8	4.9
<b>E. N. CENTRAL:</b>									
Ohio.....	4,767,121	1,024,800	1,138,165	4.7	4.8	5.1	4.2	4.4	4.7
Indiana.....	2,700,875	631,354	654,881	4.3	4.6	4.8	4.2	4.4	4.7
Illinois.....	5,638,591	1,006,848	1,264,717	5.6	5.7	5.7	4.5	4.7	4.9
Michigan.....	2,810,173	618,222	657,418	4.6	4.6	4.8	4.3	4.4	4.6
Wisconsin.....	2,353,860	462,355	499,629	5.0	5.2	5.3	4.7	4.9	5.0
<b>W. N. CENTRAL:</b>									
Minnesota.....	2,075,708	360,609	416,452	5.5	5.5	5.7	5.0	5.1	5.2
Iowa.....	1,224,711	498,943	512,515	4.8	4.8	5.0	4.9	4.9	4.9
Missouri.....	3,293,335	677,196	749,812	4.9	4.9	5.0	4.4	4.7	5.1
North Dakota.....	577,056	118,257	129,100	4.9	5.0	4.8	4.8	4.9	4.9
South Dakota.....	427,739	127,729	131,663	4.6	4.9	4.8	4.5	4.8	4.7
Nebraska.....	1,192,214	258,067	265,549	4.6	5.0	5.3	4.5	4.8	5.1
Kansas.....	1,060,949	385,672	393,771	4.7	4.7	4.9	4.3	4.6	4.8
<b>S. ATLANTIC:</b>									
Delaware.....	202,322	43,183	44,951	4.7	4.8	5.0	4.5	4.7	4.9
Maryland.....	1,295,346	253,805	274,824	5.1	5.4	5.7	4.7	4.9	5.2
D.C.....	331,069	58,513	71,339	5.7	5.6	5.9	4.6	4.9	5.2
Virginia.....	2,064,612	400,445	419,452	4.3	5.3	5.7	4.9	5.1	5.4
West Virginia.....	1,221,376	218,128	248,439	4.3	5.3	4.6	4.9	4.9	5.1
N. Carolina.....	2,206,287	430,570	440,334	5.1	5.3	5.4	5.0	5.1	5.3
S. Carolina.....	1,515,400	302,842	315,294	5.0	5.2	5.3	4.8	5.0	5.2
Georgia.....	1,060,121	230,611	253,264	4.6	4.7	5.2	4.7	4.8	5.2
Florida.....	752,619	165,813	171,422	4.5	4.7	5.0	4.4	4.5	4.9
<b>E. S. CENTRAL:</b>									
Kentucky.....	2,289,905	469,669	494,788	4.9	5.2	5.5	4.6	4.9	5.2
Tennessee.....	2,184,788	444,814	462,553	4.9	5.2	5.5	4.7	5.0	5.3
Alabama.....	2,138,043	444,249	454,767	4.8	5.0	5.4	4.7	4.9	5.3
Mississippi.....	1,271,319	250,611	284,728	4.5	5.0	5.2	4.7	4.9	5.3
<b>W. S. CENTRAL:</b>									
Arkansas.....	1,574,419	327,629	333,368	4.6	5.1	5.4	4.7	4.9	5.3
Louisiana.....	1,656,388	331,220	344,144	5.0	5.1	5.5	4.8	4.8	5.2
Oklahoma.....	1,657,155	342,488	351,167	4.8	4.9	5.1	4.7	4.8	4.1
Texas.....	3,896,542	779,177	798,426	5.0	5.3	5.6	4.9	5.2	5.4
<b>MOUNTAIN:</b>									
Montana.....	376,653	82,811	86,602	4.5	4.5	4.9	4.3	4.4	4.8
Idaho.....	225,594	71,830	73,659	4.3	4.4	4.7	4.4	4.3	4.7
Wyoming.....	145,965	30,969	32,992	4.7	4.7	5.1	4.5	4.6	5.0
Colorado.....	799,024	183,874	194,467	4.5	4.5	5.1	4.1	4.2	4.9
New Mexico.....	327,303	78,833	81,431	4.1	4.1	4.6	4.1	4.2	4.1
Arizona.....	204,351	45,386	47,927	4.2	4.3	4.5	4.3	4.1	4.4
Utah.....	373,524	72,849	77,339	5.1	5.2	4.6	4.8	4.9	5.4
Nevada.....	81,875	22,044	23,677	4.6	4.9	4.5	3.8	3.8	4.8
<b>PACIFIC:</b>									
Washington.....	1,141,990	238,822	254,692	4.8	4.9	5.1	4.5	4.6	4.9
Oregon.....	672,790	144,812	151,858	4.6	4.8	5.1	4.4	4.6	4.9
California.....	2,377,549	513,481	563,356	4.6	4.7	5.1	4.2	4.3	4.9

Urban and rural communities.—Table 3 shows statistics regarding dwellings and families in 1910 for urban and rural communities.

Table 3

DIVISION AND CLASS OF COMMUNITY.	Population.	Dwellings.	Families.	Persons to a dwelling.	Persons to a family.
<b>United States.....</b>	<b>91,972,266</b>	<b>17,805,845</b>	<b>20,255,555</b>	<b>5.2</b>	<b>4.5</b>
Urban.....	42,623,383	7,254,242	9,489,765	4.9	4.5
Rural.....	49,348,883	10,551,603	10,765,790	4.7	4.7
<b>NEW ENGLAND.....</b>	<b>6,552,681</b>	<b>1,099,336</b>	<b>1,464,942</b>	<b>6.0</b>	<b>4.5</b>
Urban.....	5,455,345	838,112	1,189,227	6.5	4.6
Rural.....	1,097,336	261,224	275,715	4.2	4.0
<b>MIDDLE ATLANTIC.....</b>	<b>19,315,892</b>	<b>3,093,464</b>	<b>4,235,675</b>	<b>6.2</b>	<b>4.6</b>
Urban.....	15,723,373	1,879,460	2,965,286	7.3	4.6
Rural.....	3,592,519	1,214,004	1,269,389	4.6	4.4
<b>EAST NORTH CENTRAL.....</b>	<b>18,230,621</b>	<b>3,743,779</b>	<b>4,244,830</b>	<b>4.9</b>	<b>4.3</b>
Urban.....	9,617,271	1,775,155	2,213,296	5.4	4.3
Rural.....	8,613,350	1,968,626	2,031,534	4.4	4.3
<b>WEST NORTH CENTRAL.....</b>	<b>11,687,929</b>	<b>2,448,083</b>	<b>2,552,099</b>	<b>4.8</b>	<b>4.5</b>
Urban.....	3,873,716	755,821	879,829	5.1	4.4
Rural.....	7,764,305	1,692,262	1,712,240	4.6	4.5
<b>SOUTH ATLANTIC.....</b>	<b>12,194,886</b>	<b>2,424,935</b>	<b>2,539,270</b>	<b>5.0</b>	<b>4.8</b>
Urban.....	3,052,155	662,559	688,260	5.1	4.5
Rural.....	9,102,742	1,821,976	1,831,010	5.0	4.9
<b>EAST SOUTH CENTRAL.....</b>	<b>8,409,901</b>	<b>1,732,152</b>	<b>1,796,832</b>	<b>4.9</b>	<b>4.7</b>
Urban.....	4,579,920	325,380	371,179	4.8	4.2
Rural.....	6,835,674	1,406,772	1,425,653	4.9	4.8
<b>WEST SOUTH CENTRAL.....</b>	<b>8,784,534</b>	<b>1,780,510</b>	<b>1,827,105</b>	<b>4.9</b>	<b>4.8</b>
Urban.....	1,957,465	403,347	432,089	4.9	4.5
Rural.....	6,827,078	1,377,163	1,395,016	5.0	4.9
<b>MOUNTAIN.....</b>	<b>2,633,517</b>	<b>586,451</b>	<b>614,656</b>	<b>4.5</b>	<b>4.3</b>
Urban.....	947,511	197,088	218,967	4.8	4.4
Rural.....	1,686,006	389,363	395,689	4.3	4.2
<b>PACIFIC.....</b>	<b>4,192,304</b>	<b>897,135</b>	<b>970,186</b>	<b>4.7</b>	<b>4.3</b>
Urban.....	2,352,329	476,122	543,612	5.0	4.4
Rural.....	1,839,975	420,913	426,574	4.3	4.2

As might be expected, the average number of persons per dwelling is materially higher in urban than in rural communities, except for the three southern divisions, the respective figures for the United States as a whole in 1910 being 5.9 and 4.7. The difference is particularly conspicuous in the Middle Atlantic division, in which the city of New York is situated. The average number of persons per dwelling in the urban communities in this division in 1910 was 7.3, as compared with 4.6 for rural communities.

In the United States as a whole the average number of persons per census family is slightly smaller in urban than in rural communities, but in several of the geographic divisions the average is greater in urban communities. It is probable that large "economic" families—hotels, institutions, etc.—are more numerous in urban than in rural communities, and that if only private families were considered the rural communities would show a greater excess in average size of family, in the United States as a whole, than appears in the table.

Principal cities.—Table 4 shows statistics regarding dwellings and families for each city of 100,000 or more inhabitants, and Table 5 presents similar statistics for cities of 25,000 to 100,000 inhabitants.

The city of New York, with an average of 15.6 persons per dwelling in 1910 (30.9 in Manhattan Borough), stands out conspicuously among the cities of 100,000

inhabitants or more, in most of which the average number of persons per dwelling was below 9, and in many of which it was below 5. Fall River ranks next to New York in the average number of persons per

dwelling. The average number of persons per family in 1910 was highest in St. Paul (5.2) and lowest in Indianapolis (4). In New York both in 1910 and in 1900 the average number of persons per family was 4.7.

DWELLINGS AND FAMILIES IN CITIES HAVING 100,000 INHABITANTS OR MORE.

CITY.	Population 1910	Dwellings 1910	Families 1910	PERSONS TO A DWELLING.					PERSONS TO A FAMILY.				
				1910	1900	1900	1910	1900	1910	1900	1910	1900	
				1910	1900	1900	1910	1900	1910	1900	1910	1900	
Albany, N. Y.	100,253	15,437	24,069	6.5	6.0	7.2	4.2	4.4	4.4	4.6	4.6	4.6	
Albany, Ga.	154,839	30,308	31,838	5.1	5.4	5.7	4.3	4.4	4.4	4.9	4.9	4.9	
Baltimore, Md.	558,453	101,903	118,521	5.5	5.7	6.0	4.7	4.7	4.8	5.0	5.0	5.0	
Birmingham, Ala.	132,685	26,989	31,003	4.9	4.8	5.3	4.3	4.5	4.5	5.0	5.0	5.0	
Boston, Mass.	670,585	73,919	139,700	9.1	8.4	8.8	4.8	4.8	4.8	5.0	5.0	5.0	
Bridgetown, Conn.	102,054	14,934	21,689	6.8	6.3	6.4	4.7	4.7	4.8	5.0	5.0	5.0	
Buffalo, N. Y.	423,715	62,335	91,328	6.8	7.1	6.9	4.6	4.6	4.6	4.9	4.9	4.9	
Cambridge, Mass.	104,839	14,577	22,763	7.2	6.9	6.8	4.6	4.7	4.7	5.0	5.0	5.0	
Chicago, Ill.	2,185,283	246,744	281,841	8.9	8.8	8.6	4.6	4.7	4.7	5.0	5.0	5.0	
Cincinnati, Ohio	364,591	49,523	87,541	7.3	7.0	6.9	4.2	4.4	4.4	4.7	4.7	4.7	
Cleveland, Ohio	560,663	90,465	124,821	6.2	6.0	6.0	4.5	4.7	4.7	4.9	4.9	4.9	
Columbus, Ohio	181,511	29,583	42,445	6.1	5.9	5.4	4.3	4.6	4.6	4.9	4.9	4.9	
Dayton, Ohio	116,577	25,622	28,376	4.4	4.7	5.0	4.1	4.3	4.6	4.6	4.6	4.6	
Denver, Colo.	243,381	44,732	61,338	5.5	5.9	6.2	4.3	4.3	4.3	5.4	5.4	5.4	
Detroit, Mich.	465,756	83,124	100,356	5.6	5.3	5.6	4.9	4.7	4.9	4.9	4.9	4.9	
Fall River, Mass.	116,295	10,362	24,378	10.0	11.2	9.9	5.0	5.2	5.2	5.6	5.6	5.6	
Grand Rapids, Mich.	112,571	23,432	29,923	4.8	4.9	5.3	4.2	4.3	4.5	4.5	4.5	4.5	
Indianapolis, Ind.	233,650	53,359	58,643	4.3	4.7	5.0	4.0	4.3	4.6	4.6	4.6	4.6	
Jersey City, N. J.	297,779	27,805	56,790	9.6	8.7	8.8	4.7	4.6	4.7	4.9	4.9	4.9	
Kansas City, Mo.	248,381	47,978	59,286	5.2	5.8	5.7	4.2	4.5	4.5	5.0	5.0	5.0	
Los Angeles, Cal.	119,691	69,001	78,678	4.6	4.9	4.9	4.1	4.1	4.6	4.6	4.6	4.6	
Louisville, Ky.	223,928	41,686	59,133	6.4	6.9	6.4	4.3	4.6	4.9	4.9	4.9	4.9	
Lowell, Mass.	106,294	15,056	21,932	7.1	6.9	7.2	4.8	4.9	5.2	5.2	5.2	5.2	
Memphis, Tenn.	131,365	26,710	31,354	4.9	5.9	5.6	4.2	4.7	4.8	4.8	4.8	4.8	
Minneapolis, Minn.	373,877	60,724	80,566	6.2	6.2	6.2	4.6	4.8	4.9	4.9	4.9	4.9	
Minneapolis, Minn.	391,408	46,406	63,241	6.4	6.4	6.5	4.8	4.8	5.0	5.0	5.0	5.0	
Nashville, Tenn.	110,384	22,118	29,077	6.0	6.3	6.5	4.2	4.4	4.9	4.9	4.9	4.9	
New Haven, Conn.	133,605	17,990	29,271	7.6	7.1	7.3	4.6	4.6	4.7	4.9	4.9	4.9	
New Orleans, La.	339,673	67,022	73,377	5.0	5.4	5.6	4.6	4.6	5.0	5.0	5.0	5.0	

Includes Allegheny for 1900 and 1901.

DWELLINGS AND FAMILIES IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS.

CITY.	Population 1910	Dwellings 1910	Families 1910	PERSONS TO A DWELLING.					PERSONS TO A FAMILY.				
				1910	1900	1900	1910	1900	1910	1900	1910	1900	
				1910	1900	1900	1910	1900	1910	1900	1910	1900	
Alabama													
Mobile	51,521	11,181	12,309	4.6	5.0	5.1	4.2	4.2	4.8	4.8	4.8	4.8	4.8
Montgomery	38,136	8,132	9,978	4.7	4.8	5.4	4.0	4.1	4.9	4.9	4.9	4.9	4.9
Arkansas													
Little Rock	45,941	9,962	10,217	4.8	5.2	5.2	4.5	4.6	4.7	4.7	4.7	4.7	4.7
California													
Berkeley	46,434	8,720	9,701	4.6	4.8	4.1	4.4	4.8	4.8	4.8	4.8	4.8	4.8
Pasadena	36,301	6,833	7,273	3.9	4.0	3.9	3.7	3.9	3.9	3.9	3.9	3.9	3.9
Sacramento	44,694	8,809	10,180	5.1	4.9	4.5	4.4	4.3	5.2	5.2	5.2	5.2	5.2
San Diego	39,578	9,574	10,001	4.6	4.0	4.4	3.7	3.7	4.3	4.3	4.3	4.3	4.3
San Jose	28,946	6,639	7,397	4.7	4.7	4.8	4.0	4.3	5.1	5.1	5.1	5.1	5.1
Colorado													
Colorado Springs	29,678	7,050	7,456	4.1	4.9	5.4	3.9	4.4	5.1	5.1	5.1	5.1	5.1
Pueblo	44,330	8,688	9,272	5.1	4.9	7.2	4.8	4.5	6.5	6.5	6.5	6.5	6.5
Connecticut													
Hartford	98,915	11,532	21,925	8.6	8.2	8.1	4.5	4.6	4.6	4.6	4.6	4.6	4.6
Meriden town	32,074	5,833	6,257	6.6	6.7	6.7	4.3	4.3	4.7	4.7	4.7	4.7	4.7
Meriden city	27,365	3,879	6,192	7.0	6.6	7.3	4.4	4.9	4.7	4.7	4.7	4.7	4.7
New Britain	43,916	4,722	8,586	9.3	7.9	5.1	4.8	4.7	4.7	4.7	4.7	4.7	4.7
Norwich town	28,361	6,016	6,315	5.6	5.7	5.7	4.4	4.4	4.7	4.7	4.7	4.7	4.7
Stamford town	28,836	6,016	6,239	6.4	6.1	6.1	4.6	4.6	4.7	4.7	4.7	4.7	4.7
Stamford city	26,138	5,717	5,627	6.6	6.1	6.1	4.6	4.6	4.9	4.9	4.9	4.9	4.9
Watbury	75,141	7,171	14,536	9.5	8.3	8.3	5.0	4.9	4.9	4.9	4.9	4.9	4.9
Delaware													
Wilmington	87,411	17,228	18,537	5.1	5.2	5.2	4.7	4.9	4.9	4.9	4.9	4.9	4.9
Florida													
Jacksonville	57,699	12,963	13,228	4.7	4.6	5.4	4.4	3.9	4.7	4.7	4.7	4.7	4.7
Tampa	37,782	7,563	8,203	5.0	5.0	5.1	4.6	4.5	5.0	5.0	5.0	5.0	5.0
Georgia													
Augusta	41,040	9,239	10,851	4.4	4.4	5.0	3.8	4.0	4.4	4.4	4.4	4.4	4.4
Macon	30,665	6,060	10,293	4.7	4.6	5.6	4.0	3.9	5.0	5.0	5.0	5.0	5.0
Savannah	68,664	13,986	16,378	4.8	5.3	4.9	4.0	4.1	4.4	4.4	4.4	4.4	4.4
Illinois													
Abram	29,807	6,233	6,854	4.8	4.7	4.9	4.3	4.3	4.5	4.5	4.5	4.5	4.5
Bloomington	25,768	6,082	6,486	4.2	4.6	4.8	4.0	4.0	4.3	4.3	4.3	4.3	4.3
Danville	27,871	6,780	7,167	4.1	4.7	4.7	3.9	3.9	4.2	4.2	4.2	4.2	4.2
Decatur	31,140	7,131	7,588	4.4	4.4	4.7	4.1	4.1	4.2	4.2	4.2	4.2	4.2
East St. Louis	35,547	11,628	12,888	5.0	5.2	5.6	4.5	4.6	4.8	4.8	4.8	4.8	4.8
Elgin	29,970	6,580	6,923	4.8	4.1	5.6	3.9	4.0	4.6	4.6	4.6	4.6	4.6
Joliet	64,670	6,005	7,199	8.8	5.7	5.9	4.8	4.8	4.9	4.9	4.9	4.9	4.9
Peoria	26,939	14,111	15,235	4.7	5.2	5.1	4.1	4.1	4.8	4.8	4.8	4.8	4.8
Quincy	36,387	7,665	8,752	4.6	4.9	5.3	4.2	4.1	4.7	4.7	4.7	4.7	4.7
Rockford	45,491	8,802	10,437	5.2	5.2	5.2	4.4	4.4	4.6	4.6	4.6	4.6	4.6
Springfield	51,678	11,214	11,963	4.6	4.9	5.1	4.3	4.3	4.7	4.7	4.7	4.7	4.7
Indiana													
Evansville	69,647	15,240	16,196	4.6	5.1	5.6	4.0	4.8	5.2	5.2	5.2	5.2	5.2
Fort Wayne	83,933	18,579	14,625	4.6	4.7	5.4	4.4	4.5	4.9	4.9	4.9	4.9	4.9
South Bend	53,684	11,200	12,029	4.8	5.1	5.2	4.5	4.6	4.8	4.8	4.8	4.8	4.8
Terre Haute	58,157	13,457	14,630	4.7	4.7	4.9	4.1	4.1	4.6	4.6	4.6	4.6	4.6
Iowa													
Cedar Rapids	32,811	7,580	7,949	4.3	4.6	4.8	4.1	4.3	4.7	4.7	4.7	4.7	4.7
Clinton	25,577	5,765	5,978	4.4	4.5	4.8	4.0	4.0	4.3	4.3	4.3	4.3	4.3
Council Bluffs	29,292	6,414	6,722	4.6	4.9	5.0	4.4	4.7	4.8	4.8	4.8	4.8	4.8
Davenport	43,668	8,900	10,316	4.8	5.0	5.0	4.2	4.4	4.6	4.6	4.6	4.6	4.6
Des Moines	80,388	18,694	20,359	4.6	4.9	5.0	4.2	4.4	4.8	4.8	4.8	4.8	4.8
Dubuque	38,499	7,472	8,417	5.2	5.3	5.5	4.6	4.6	4.9	4.9	4.9	4.9	4.9
Sioux City	47,828	9,293	10,944	5.1	5.2	5.6	4.7	4.6	6.3	6.3	6.3	6.3	6.3
Waterloo													

Dwellings and Families in Cities Having From 25,000 to 100,000 Inhabitants—Continued.

CITY.	Popu- lation 1910	Dwell- ings 1910	Fam- ilies 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.			CITY.	Popu- lation 1910	Dwell- ings 1910	Fam- ilies 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.		
				1910	1900	1890	1910	1900	1890					1910	1900	1890	1910	1900	1890
<b>Louisiana</b>																			
Shreveport.....	28,515	6,076	6,697	4.6	4.5	4.7	4.2	3.9	4.4										
<b>Maine</b>																			
Lewiston.....	26,247	3,150	3,368	8.3	8.0	8.5	4.9	4.9	5.2										
Portland.....	38,571	9,469	13,591	6.1	6.1	6.3	4.5	4.4	4.4										
<b>Massachusetts</b>																			
Brockton.....	56,878	8,246	13,161	6.9	6.0	6.5	4.3	4.3	4.4										
Brookline town.....	27,792	3,733	5,858	9.1	7.1	7.2	4.7	5.0	5.1										
Chelsea.....	32,452	3,579	6,307	9.1	7.6	8.2	4.9	4.5	4.5										
Charlestown.....	25,401	3,288	4,438	7.7	7.0	6.9	5.7	5.9	5.9										
Everett.....	33,484	5,590	7,581	6.0	5.4	5.3	4.4	4.4	4.3										
Fitchburg.....	37,326	4,968	7,351	7.5	6.8	6.4	4.8	4.7	4.7										
Haverhill.....	44,119	7,332	9,975	6.0	5.8	6.6	4.4	4.2	4.6										
Holyoke.....	57,730	8,841	11,265	11.9	10.9	11.3	5.1	5.1	5.3										
Lawrence.....	85,892	10,418	17,142	8.2	7.7	7.7	5.0	4.9	4.9										
Lynn.....	89,336	13,112	19,786	6.8	6.2	6.6	4.5	4.4	4.6										
Malden.....	44,404	7,419	9,893	6.0	5.3	5.6	4.5	4.4	4.5										
New Bedford.....	96,652	11,994	20,820	8.4	7.1	6.7	4.6	4.5	4.5										
Newton.....	39,806	7,403	8,236	5.4	5.4	5.7	4.8	4.9	5.1										
Pittsfield.....	32,121	5,814	6,748	5.5	5.2	5.5	4.8	4.7	4.9										
Quincy.....	32,642	6,128	7,081	5.3	5.3	5.8	4.7	4.7	4.6										
Salem.....	43,647	6,917	9,263	7.4	6.8	6.8	4.7	4.5	4.4										
Somerville.....	77,236	12,139	18,440	6.3	5.7	6.1	4.2	4.3	4.5										
Springfield.....	88,929	13,353	19,788	6.7	6.3	6.4	4.6	4.6	4.7										
Taunton.....	34,259	5,407	7,276	6.2	6.2	6.3	4.7	4.7	4.7										
Waltham.....	27,834	4,723	5,790	5.9	5.4	5.6	4.8	4.9	4.9										
<b>Michigan</b>																			
Battle Creek.....	25,267	6,170	6,720	4.1	4.0	4.7	3.8	3.9	4.1										
Bay City.....	45,166	9,579	9,956	4.7	4.0	4.5	4.7	4.7	5.0										
Flint.....	38,550	7,393	8,527	5.2	4.4	4.6	4.5	4.1	4.2										
Jackson.....	31,443	7,464	8,227	4.4	4.4	4.7	4.0	4.1	4.2										
Kalamazoo.....	37,807	8,412	9,696	4.7	4.6	4.7	4.1	4.1	4.5										
Lansing.....	31,229	6,849	7,382	4.6	4.3	4.2	4.2	4.2	4.5										
Saginaw.....	30,510	11,563	11,926	4.4	4.5	4.7	4.2	4.4	4.9										
<b>Minnesota</b>																			
Duluth.....	78,466	11,927	14,736	6.6	6.5	8.2	5.3	5.3	6.8										
<b>Missouri</b>																			
Joplin.....	32,673	7,692	8,632	4.2	4.8	5.2	4.0	4.5	5.0										
St. Joseph.....	77,403	16,086	17,138	4.8	4.6	5.5	4.5	6.0	5.3										
Springfield.....	35,201	7,996	9,419	4.5	4.8	5.1	4.2	4.4	4.9										
<b>Montana</b>																			
Butte.....	39,165	7,476	8,566	5.2	5.4	5.5	4.6	4.7	5.4										
<b>Nebraska</b>																			
Lincoln.....	43,973	9,507	10,472	4.6	4.8	6.2	4.2	5.1	6.0										
South Omaha.....	20,259	4,962	5,245	5.3	6.1	5.2	5.0	5.3	5.2										
<b>New Hampshire</b>																			
Manchester.....	70,003	8,694	14,166	8.1	7.7	8.3	4.9	4.9	5.2										
Nashua.....	26,005	4,708	5,650	5.5	6.8	5.5	4.6	4.6	4.7										
<b>New Jersey</b>																			
Atlantic City.....	46,150	7,942	9,744	5.8	5.6	4.7	4.7	5.1	4.6										
Bayonne.....	55,545	6,147	10,908	9.0	7.4	7.1	5.1	5.0	5.5										
Camden.....	94,538	20,209	21,682	4.7	4.5	4.7	4.4	4.4	4.8										
East Orange.....	34,371	6,108	7,717	5.6	5.5	(1)	4.5	4.9	(1)										
Elizabeth.....	73,490	10,060	15,454	7.3	6.7	6.5	4.8	4.8	4.9										
Hoboken.....	70,524	4,433	15,339	15.9	14.2	12.8	4.5	4.4	4.5										
Orange.....	29,630	4,291	6,294	6.7	6.3	6.4	4.7	4.8	5.1										
Passaic.....	54,773	5,135	10,257	10.7	9.0	7.6	5.3	5.1	5.3										
Perth Amboy.....	31,813	4,309	6,017	7.6	7.2	6.5	4.9	5.0	5.1										
Passaic.....	96,815	17,032	19,678	5.4	5.1	5.0	4.9	4.9	4.8										
Trenton.....	35,493	3,723	8,374	9.5	8.0	(1)	4.2	4.3	(1)										
West Hoboken town.....																			
<b>New York</b>																			
Amsterdam.....	31,267	4,122	6,686	7.6	6.3	6.2	4.7	4.5	4.7										
Albany.....	34,646	6,776	7,780	6.1	6.0	6.2	4.4	4.5	4.7										
Binghamton.....	48,443	8,437	11,438	5.7	5.6	6.3	4.2	4.2	4.5										
Elmira.....	37,170	7,693	9,981	4.9	4.9	5.3	4.1	4.3	4.6										
Jamestown.....	27,693	4,696	7,131	5.3	5.2	5.1	4.0	4.1	4.4										
Kingston.....	25,906	4,834	6,054	5.4	5.7	6.2	4.3	4.5	4.6										
Mount Vernon.....	30,919	4,592	6,797	6.7	6.0	6.1	4.5	4.8	4.9										
New Rochelle.....	29,867	4,280	6,850	6.7	6.1	5.7	5.0	4.9	5.4										
Newburgh.....	27,805	4,233	6,240	6.0	6.1	6.8	4.2	4.2	4.5										
Niagara Falls.....	38,445	5,571	6,621	5.3	5.3	(1)	4.6	4.9	(1)										
Poughkeepsie.....	27,936	4,576	6,834	6.1	6.0	6.3	4.1	4.2	4.4										
Schenectady.....	72,820	10,639	15,868	6.5	7.0	6.4	4.6	4.7	4.6										
Niagara Falls.....	76,813	7,474	18,100	7.1	7.1	7.8	4.2	4.5	4.7										
Troy.....	74,419	10,333	16,023	6.2	6.2	6.9	4.6	4.6	4.6										
Waterson.....	26,730	5,754	6,512	4.6	4.8	4.8	4.1	4.2	4.4										
Yonkers.....	79,885	17,837	16,219	30.8	26.6	26.6	4.9	5.0	5.3										
<b>North Carolina</b>																			
Charlotte.....	31,014	7,079	7,740	4.8	5.2	5.1	4.4	4.4	4.8										
Wilmington.....	25,748	5,461	6,878	4.7	4.7	5.0	4.4	4.1	4.4										
<b>Ohio</b>																			
Akron.....	69,067	13,721	15,851	5.0	4.9	5.0	4.0	4.4	4.6										
Canton.....	50,217	7,020	11,845	4.6	4.7	4.7	4.6	4.5	4.7										
Hamilton.....	35,279	7,626	8,556	4.6	5.0	5.2	4.3	4.3	4.5										
Lima.....	30,908	6,929	7,338	4.4	4.6	4.5	4.1	4.3	4.7										
Lorain.....	25,853	5,071	6,075	5.7	5.6	5.7	4.6	4.6	4.7										
Newark.....	25,404	6,138	6,439	4.1	4.6	4.8	3.9	4.3	4.4										
Springfield.....	46,921	11,059	11,621	4.2	4.8	4.8	4.0	4.0	4.4										
Youngstown.....	73,066	14,516	16,258	5.4	5.4	5.9	4.9	4.9	5.1										
Zanesville.....	28,026	6,765	7,163	4.1	4.4	4.8	3.9	4.2	4.5										
<b>Oklahoma</b>																			
Muskogee.....	25,278	5,197	5,799	4.9	4.7	(1)	4.4	4.5	(1)										
Oklahoma City.....	64,285	11,516	13,655	5.6	5.4	5.6	4.7	4.7	4.7										
<b>Pennsylvania</b>																			
Allentown.....	51,913	11,379	11,772	4.6	4.7	5.0	4.4	4.5	4.7										
Altoona.....	32,127	11,024	11,470	4.7	4.9	5.2	4.5	4.5	4.8										
Chester.....	38,537	7,769	8,920	5.0	5.1	5.1	4.8	4.9	5.1										
Egton.....	28,252	6,660	6,935	4.3	4.3	4.3	4.1	4.1	4.3										
Erie.....	66,843	12,437	14,742	5.3	5.4	5.4	4.5	4.7	5.3										
Harrisburg.....	64,196	14,461	16,073	4.4	4.6	4.8	4.3	4.3	4.7										
Hazleton.....	25,452	4,683	5,002	5.4	5.0	5.2	4.6	4.6	4.7										
Johansstown.....	58,862	9,790	10,955	5.7	5.4	5.4	4.2	4.2	5.1										
Lancaster.....	47,227	10,524	10,836	4.5	4.7	4.9	4.4	4.6	4.8										
McKeesport.....	42,694	7,533	8,302	5.7	5.6	5.5	4.9	4.9	5.2										
New Castle.....	36,280	7,522	8,146	4.8	4.9	4.9	4.5	4.5	4.6										
Norristown borough.....	27,875	5,121	5,391	5.4	5.3	5.2	4.2	4.2	5.3										
Reading.....	95,671	20,798	21,809	4.6	4.9	4.9	4.4	4.6	4.8										
Shenandoah borough.....	25,774	4,059	4,619	6.3	5.8	5.7	5.6	5.5	5.6										
Wilkes-Barre.....	67,105	12,127	13,247	5.5	5.3	5.4	4.6	4.6	5.0										
Williamsport.....	31,560	7,296	7,660	4.4	4.6	4.6	4.2	4.2	4.7										
York.....	44,750	10,073	10,303	4.4	4.7	4.6	4.3	4.5	4.6										
<b>Rhode Island</b>																			
Newport.....	27,140	4,477	5,531	6.1	5.8	6.1	4.9	4.5	4.8										
Pawtucket.....	51,622	6,699	11,299	7.7	6.7	7.2	4.6	4.6	4.7										
Warwick town.....	28,620	4,939	5,719	5.4	5.5	5.5	4.7	4.7	4.9										
Woonsocket.....	38,125	4,200	7,480	9.1	9.1	9.5	5.1	5.1	5.3										
<b>South Carolina</b>																			
Charleston.....	58,533	9,65																	

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## AGRICULTURE



CHAPTER 9.—FARMS AND FARM PROPERTY

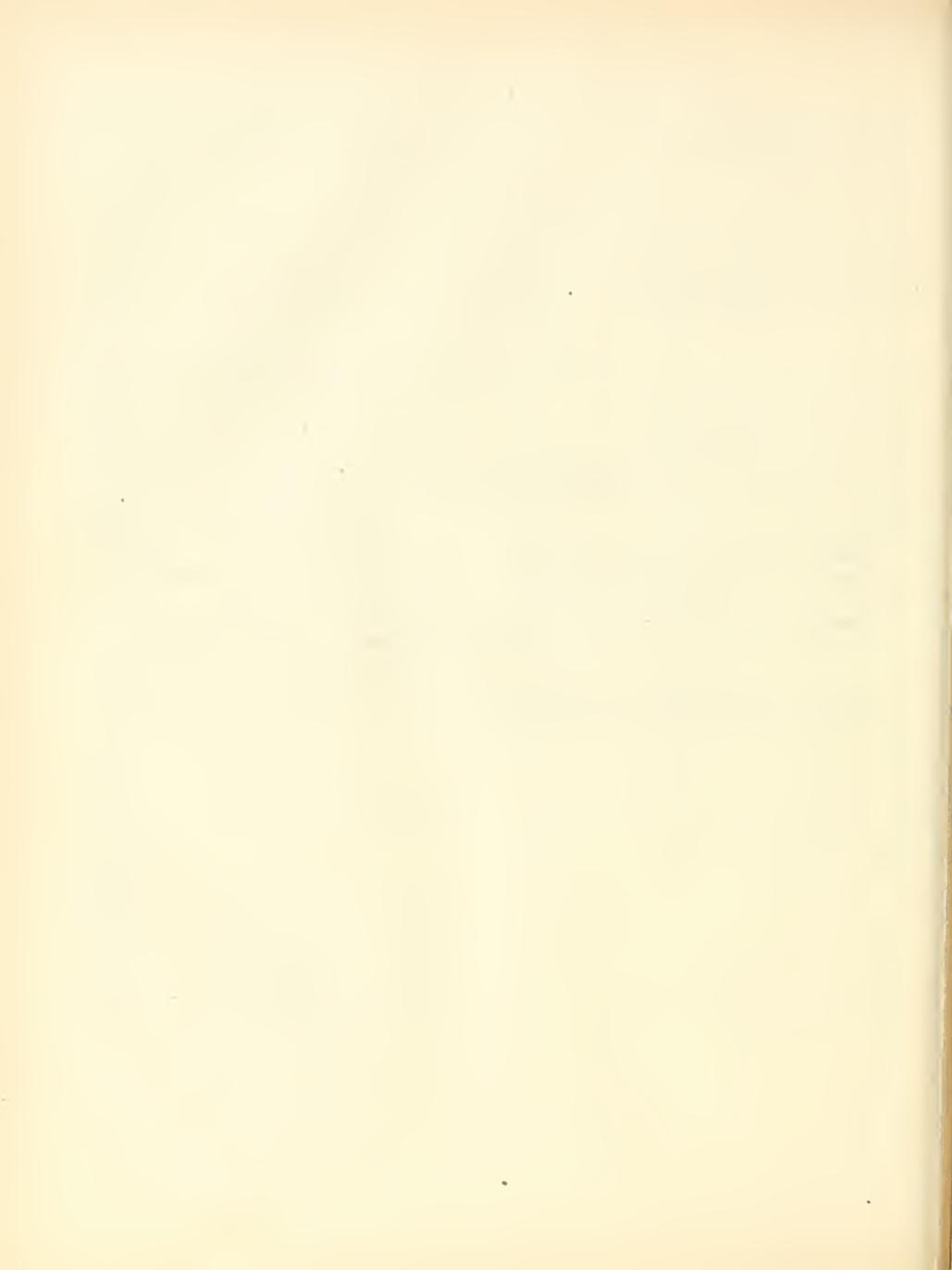
CHAPTER 10.—TENURE, MORTGAGE INDEBTEDNESS, COLOR AND NATIVITY OF FARMERS,  
AND SIZE OF FARMS

CHAPTER 11.—LIVE STOCK ON FARMS AND ELSEWHERE

CHAPTER 12.—LIVE STOCK PRODUCTS AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED  
ON FARMS

CHAPTER 13.—FARM CROPS—ACREAGE, PRODUCTION, AND VALUE

CHAPTER 14.—IRRIGATION AND IRRIGATED CROPS



CHAPTER 9.

FARMS AND FARM PROPERTY.

UNITED STATES AS A WHOLE: 1910 AND 1900.

The present chapter gives the principal data pertaining to farms and farm property, by states and geographic divisions, for 1910 and 1900, and by geographic divisions for each census from 1850 to 1910.

The following table summarizes, for the United States (excluding noncontiguous possessions), the principal facts with regard to farms and farm property for the years 1910 and 1900:

FARMS, FARM LAND, AND FARM PROPERTY OF THE UNITED STATES.

Table 1	1910 (April 15)	1900 (June 1)	INCREASE, <sup>1</sup>	
			Amount.	Per cent.
Population.....	91,972,266	75,994,575	15,977,691	21.0
Urban population <sup>2</sup> .....	42,623,383	31,609,645	11,013,738	34.8
Rural population <sup>3</sup> .....	49,348,883	44,384,930	4,963,953	11.2
<b>Number of all farms</b> .....	<b>6,361,502</b>	<b>5,737,372</b>	<b>624,130</b>	<b>10.9</b>
Land area of the country..... acres.....	<sup>4</sup> 1,903,289,600	<sup>4</sup> 1,903,461,760	<sup>4</sup> -172,160	.....
Land in farms..... acres.....	878,798,325	838,591,774	40,206,551	4.8
Improved land in farms..... acres.....	478,451,750	414,498,487	63,953,263	15.4
Average acreage per farm.....	138.1	146.2	-8.1	-5.5
Average improved acreage per farm.....	75.2	72.2	3.0	4.2
Per cent of total land area in farms.....	46.2	44.1	.....	.....
Per cent of land in farms improved.....	54.4	49.4	.....	.....
Per cent of total land area improved.....	25.1	21.8	.....	.....
<b>Value of farm property, total</b> .....	<b>\$40,991,449,090</b>	<b>\$20,439,901,164</b>	<b>\$20,551,547,926</b>	<b>100.5</b>
Land.....	28,475,674,169	13,058,007,995	15,417,666,174	118.1
Buildings.....	6,325,451,528	3,556,639,496	2,768,812,032	77.8
Implements and machinery.....	1,265,149,783	749,775,970	515,373,813	68.7
Domestic animals, poultry, and bees.....	4,925,173,610	3,075,477,703	1,849,695,907	60.1
Average value of all property per farm.....	\$6,444	\$3,563	\$2,881	80.9
Average value of all property per acre of land in farms.....	\$46.64	\$24.37	\$22.27	91.4
Average value of land per acre.....	\$32.40	\$15.57	\$16.83	108.1

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Population of incorporated places having, in 1910, 2,500 or more inhabitants. The figure for 1900 does not represent the urban population according to that census but is the population in that year of the territory classified as urban in 1910.

<sup>3</sup> Total, exclusive of urban. (See Note 2.)

<sup>4</sup> Change in area due to the drainage of lakes and swamps of Illinois and Indiana, building of the Roosevelt and Laguna reservoirs, and the formation of the Salton Sea in California.

There are in the United States 6,361,502 farms,<sup>1</sup> containing a total of 878,798,000 acres,<sup>2</sup> of which 478,452,000 acres are improved. The land in farms represents somewhat less than one-half, 46.2 per cent, of the total land area of the country, while the improved land represents somewhat over one-half, 54.4

per cent, of the total acreage of land in farms. Improved land in farms thus represents almost exactly one-fourth 25.1 per cent of the total land area of the country. On the average the farms of the United States contain 138.1 acres, of which, on the average, over one-half, 75.2 acres, are improved land.

<sup>1</sup> **Farm.**—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term referring to the work of growing crops, producing other agricultural products, and raising animals, fowls, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. Further, when a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, no matter what the value of the product raised upon the land or the amount of labor involved in operating the same in 1909. In addition, they were instructed to report in the same manner all tracts containing less than 3 acres which either produced at least \$20 worth of farm products in the year 1909, or on which the continuous services of at least one person were expended.

<sup>2</sup> **Land in farms.**—Land in farms is divided at the present census into (1) improved land, (2) woodland, and (3) all other unimproved land. The same classification was followed in 1880. At former censuses, except that of 1880, farm land was divided into improved land and unimproved land, woodland being included with unimproved land. *Improved land* includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings. *Woodland* includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. *All other unimproved land* includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest. It should be noted, however, in this connection that the census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, owing to the fact that the farmers sometimes use these terms with different meanings from those assigned to them by the Bureau of the Census. There is evidence that the same kind of land has at certain times and places been reported as "improved land" and at other times and places as "unimproved land," rendering these classifications less accurate than the report of total farm acreage and value.

The total value of farm property reaches the enormous sum of \$40,991,000,000, of which over two-thirds represents the value of land, about one-sixth the value of buildings, and about another one-sixth the combined value of implements and machinery and of live stock. The average value of all farm property per farm reporting is \$6,444. The average value of all farm property per acre of land in farms is \$46.64, and the average value of the land itself per acre is \$32.40.

It is a significant fact that whereas the total population increased 21 per cent between 1900 and 1910, the urban population increased 34.8 per cent and the rural population only 11.2 per cent. The number and acreage of farms increased much less rapidly than the total population, but the growth in the number of farms nearly kept pace with the movement of the rural population, amounting to 10.9 per cent. The total farm acreage, on the other hand, increased only 4.8 per cent. This, however, is less significant than the increase in acreage of improved farm land, which amounted to 15.4 per cent, showing a greater percentage of increase than the number of farms or rural population but still falling appreciably behind the increase in total population. It should be noted that "rural population" is a much broader term than "agricultural population." "Rural" as here used includes the entire population outside of incor-

porated places, including New England "towns," having 2,500 inhabitants or more.

The average size of a farm decreased from 146.2 acres in 1900 to 138.1 acres in 1910, but the average acreage of improved land per farm was somewhat greater in the later year than in the earlier. It is possible that the reported increase in the proportion of farm land improved, from 49.4 per cent in 1900 to 54.4 in 1910, is partly due to differences of interpretation as to what constitutes improved land. (See definitions, p. 265.)

The total value of farm property a little more than doubled during the decade 1900 to 1910. The greater part of this extraordinary increase has been in farm land, the value of which increased no less than 118.1 per cent, and this in turn was due largely to the advance in the price of land, the average value per acre being more than twice as high in 1910 as in 1900—\$32.40 as compared with \$15.57. There have been remarkable increases, also, in the value of farm buildings and equipment, the value of buildings having increased 77.8 per cent, that of implements and machinery 68.7 per cent, and that of live stock 60.1 per cent.

Notwithstanding the decrease in the average size of farms, the value of all farm property per farm increased from \$3,563 in 1900 to \$6,444 in 1910, or 80.9 per cent.

#### FARMS AND FARM LAND, BY DIVISIONS AND STATES: 1910 AND 1900.

Geographic distribution of farms and farm land.—The agricultural industry of the country is very unequally distributed among its different sections and states. Table 3, on pages 268 and 269, shows for each of the nine main geographic divisions and for each state the total and rural population, number of farms, total land area, and acreage of farm land and of improved farm land for 1910 and 1900. It also shows what percentage of the respective totals was found in each division and state at each of these censuses.

While the differences among the several geographic divisions as regards the proportions in which they contribute to the farming industry of the country are naturally affected greatly by the differences in the total area of the divisions, it is evident that they are due in large degree to differences in the extent to which the land is capable of utilization for farming purposes, or has thus far been so utilized. For instance, the Mountain division, which comprises 28.89 per cent of the total land area, has only 3.33 per cent of the improved farm land.

There is little correspondence between the geographic distribution of population and that of the agricultural industry. Notwithstanding the fact that "rural population," as shown in the table, includes large numbers of persons not living on farms, there is, naturally, a somewhat closer correspondence between

the distribution of the rural population and that of the number of farms and the acreage of farm land.

Table 3 shows that, whether the importance of the agricultural industry be judged by the number of farms, the total acreage of farms, or the total improved acreage, the great bulk of it is to be found in five geographic divisions—namely, the four which constitute the territory between the Alleghenies and the Rocky Mountains (East and West North Central and East and West South Central) together with the South Atlantic. Each of these five divisions has in the neighborhood of one-sixth of the total number of farms in the country.

The West North Central division has a decidedly larger acreage of farm land than any other; it contains 26.5 per cent of the total farm acreage of the United States. The West South Central division ranks next, with 19.2 per cent of the total, followed by the East North Central and the South Atlantic. Notwithstanding their great total area, the Mountain and Pacific divisions contain only a comparatively small proportion of the present farm land of the country.

The acreage of improved farm land is on the whole the best criterion of the agricultural importance of a given state or division. Five-sixths of the improved farm land of the country is in the two North Central,

the two South Central, and the South Atlantic divisions. More than one-third of the total (34.3 per cent) is found in the West North Central division, the broad prairies of which are peculiarly adapted for almost complete utilization for farming purposes. The East North Central division ranks next, containing 18.6 per cent of the improved farm land of the country, and the West South Central follows with 12.2 per cent. The Mountain and Pacific divisions together contribute less than 8 per cent of the total, this small proportion being due partly to the newness of this section and partly to the great extent of mountainous and arid territory.

It is convenient also to consider the country as divided into three great groups of states, which may be designated, in general terms, as the North, the South, and the West. The North includes the first four divisions listed in Table 3, the South the next three divisions, and the West the last two. Another convenient comparison is between the territory east and that west of the Mississippi River.

The following table shows, for each of these sections, the percentages which the number of farms, the acreage of farm land, and the acreage of improved farm land represent of the totals for the United States:

SECTION.	PER CENT OF UNITED STATES TOTALS.					
	Number of farms.		All land in farms.		Improved land in farms.	
	1910	1900	1910	1900	1910	1900
United States.....	100.0	100.0	100.0	100.0	100.0	100.0
The North.....	45.4	50.1	47.1	45.6	60.6	63.0
The South.....	48.7	45.7	40.3	43.2	31.5	30.4
The West.....	5.9	4.2	12.6	11.2	7.9	6.6
East of the Mississippi.....	61.9	64.1	41.7	43.8	45.6	51.1
West of the Mississippi.....	38.1	35.9	58.3	56.2	54.4	48.9

While the South has a larger proportion of the number of farms than the North, it has a smaller proportion of the total farm land of the country, and a decidedly smaller proportion of the improved farm land. The North contained a slightly larger proportion of the total area of farm land in 1910 than it did in 1900, but its proportion of the improved farm land was less in the later year than in the earlier. Precisely the opposite is true of the South.

The movement of agriculture toward the West, which had been going on since the first settlement of the country, continued during the past decade. The four divisions lying west of the Mississippi, taken together, comprised 54.4 per cent of the improved farm land of the country in 1910 as compared with 48.9 per cent in 1900.

**Increases and decreases: 1900-1910.**—It will be seen by Table 3 that in the territory north of the Ohio and east of the Mississippi, comprising three geographic divisions—New England, Middle Atlantic, and East

North Central—there was an actual decrease in the number of farms between 1900 and 1910, despite a large increase in population. In the West North Central division the increase in the number of farms has been comparatively small, amounting to 4.6 per cent. In all of the other five divisions there has been a very considerable increase in the number of farms. In the East South Central and Mountain divisions the number increased more rapidly than the total population.

Great differences appear among the several geographic divisions with respect to the changes in the total acreage of land in farms. In the New England, Middle Atlantic, South Atlantic, and West South Central divisions there was a decrease in the acreage reported in farms. The largest decrease, both in absolute amount and in percentage, was in the West South Central division, but this is in a sense misleading. A considerable increase in the acreage of farms occurred in two of the states of the division, Arkansas and Oklahoma. In Louisiana a moderate decrease appeared, due to the purchase by nonresidents of undeveloped lands in the extreme southern part of the state, which had been reported as parts of farms in 1900, although not actually used for agriculture. A larger percentage of the total land area of the state is now improved than in 1900. In Texas there was nominally a very great decrease in the acreage of farm land, but a large part if not all of this was due to the fact that in 1900 the state contained many enormous ranches which in their entirety were reported as farm land, whereas in 1910 many of these ranches were broken into smaller tracts, some of which were reported as farms, while others had not been put to use for agriculture. Some large tracts of land which were owned by nonresidents and not used at the time of enumeration in 1910 had been used more or less for grazing in 1900. The acreage of improved land in Texas increased greatly during the decade.

In the East North Central and East South Central divisions there was a slight increase in farm land during the past decade. In the West North Central division over 31,000,000 acres more land was reported in farms in 1910 than in 1900, this increase representing more than three-fourths of the total increase for the United States. The percentage of increase in this division, 15.7 per cent, was, however, exceeded by that in the Mountain division, 28.3 per cent. A very considerable increase in farm land was also reported for the Pacific states.

Most of the states show the same movement with regard to acreage of farm land as the divisions in which they are situated, but there are a few exceptions. In the East North Central division, for example, which as a whole showed an increase, this was confined to the states of Michigan and Wisconsin, there being decreases in farm land in Ohio, Indiana, and Illinois.

## ABSTRACT OF THE CENSUS—AGRICULTURE.

## FARMS, LAND IN FARMS, AND POPULATION, BY STATES AND DIVISIONS, WITH PER CENT

[A minus sign (-) denotes decrease.]

Table 3	DIVISION OR STATE.	TOTAL POPULATION.				RURAL POPULATION.				NUMBER OF ALL FARMS.			
		1910	1900	Increase.		1910	1900	Increase.		1910	1900	Increase.	
				Number.	Per ct.			Number.	Per ct.			Number.	Per ct.
1	United States.....	91,972,266	75,894,575	15,977,691	21.0	49,348,853	44,384,950	4,963,903	11.2	6,361,502	5,737,372	624,130	10.9
GEOGRAPHIC DIVISIONS:													
2	New England.....	6,532,681	5,592,017	960,664	17.2	1,097,336	1,102,486	-5,150	-0.5	188,802	191,858	-3,086	-1.6
3	Middle Atlantic.....	19,315,892	15,454,678	3,861,214	25.0	5,592,519	5,149,961	443,558	8.7	468,379	485,618	-17,239	-3.5
4	East North Central.....	18,250,621	15,985,581	2,265,040	14.2	8,633,530	8,637,570	-4,220	-0.1	1,123,450	1,135,883	-12,334	-1.1
5	West North Central.....	11,637,921	10,347,423	1,290,498	12.5	7,764,205	7,324,739	439,466	6.0	1,109,848	1,069,744	49,204	4.6
6	South Atlantic.....	12,194,895	10,443,450	1,751,445	16.8	9,102,742	8,105,763	996,979	12.3	1,111,881	962,225	149,656	15.6
7	East South Central.....	8,409,501	7,547,537	862,144	11.4	6,835,672	6,361,467	474,205	7.5	1,042,480	903,913	139,167	15.4
8	West South Central.....	8,784,534	6,532,290	2,252,244	34.5	6,827,078	5,370,454	1,456,524	27.1	943,186	754,853	188,333	24.9
9	Mountain.....	2,633,517	1,674,657	958,860	57.3	1,686,096	1,099,325	586,681	33.4	183,446	101,327	82,119	81.0
10	Pacific.....	4,192,304	2,614,692	1,775,612	73.5	1,809,975	1,236,054	573,920	46.4	189,891	141,581	48,310	34.0
NEW ENGLAND:													
11	Maine.....	742,371	694,466	47,905	6.9	360,928	354,902	6,026	1.7	60,016	59,299	717	1.2
12	New Hampshire.....	430,572	411,588	18,984	4.6	175,473	185,581	-10,108	-5.4	27,053	29,324	-2,271	-7.7
13	Vermont.....	355,656	343,641	12,015	3.6	157,013	165,255	-8,222	-4.2	32,709	33,404	-695	-2.1
14	Massachusetts.....	3,366,416	2,805,346	561,070	20.0	2,411,049	2,335,822	75,227	3.2	36,917	37,715	-798	-2.1
15	Rhode Island.....	512,610	428,536	114,054	26.6	17,056	16,877	1,079	6.4	5,292	5,408	-206	-3.7
16	Connecticut.....	1,114,756	908,420	206,336	22.7	114,917	114,029	878	0.8	26,815	26,498	-313	-3.0
MIDDLE ATLANTIC:													
17	New York.....	9,113,614	7,238,894	1,844,720	25.4	1,928,120	1,916,611	11,509	0.6	215,597	226,720	-11,123	-4.9
18	New Jersey.....	2,537,167	1,853,609	683,498	34.7	629,987	590,016	39,971	21.1	33,457	34,650	-1,193	-3.4
19	Pennsylvania.....	7,665,111	6,302,115	1,362,996	21.6	3,034,442	2,710,334	324,108	12.0	219,293	224,248	-4,953	-2.2
EAST NORTH CENTRAL:													
20	Ohio.....	4,767,121	4,157,545	609,576	14.7	2,101,978	2,130,683	-28,105	-1.3	272,045	276,719	-4,674	-1.7
21	Indiana.....	2,700,876	2,516,462	184,414	7.3	1,537,041	1,640,168	-83,127	-5.1	215,485	221,897	-6,412	-2.9
22	Illinois.....	5,635,501	4,821,550	817,941	16.9	2,161,662	2,155,217	6,445	0.3	251,872	264,151	-12,279	-4.6
23	Michigan.....	2,810,173	2,420,982	389,191	16.1	1,483,129	1,454,156	28,973	2.0	206,900	203,361	3,609	1.8
24	Wisconsin.....	2,333,800	2,069,462	264,338	12.8	1,329,540	1,237,946	71,594	5.7	177,127	169,795	7,332	4.3
WEST NORTH CENTRAL:													
25	Minnesota.....	2,075,708	1,751,394	324,314	18.5	1,225,414	1,137,799	87,615	7.7	156,137	154,639	1,478	1.0
26	Iowa.....	2,224,771	2,231,833	-7,062	-0.3	1,544,717	1,664,586	-119,869	-7.2	217,044	228,622	-11,578	-5.1
27	Missouri.....	3,293,335	3,106,665	186,670	6.0	1,894,518	1,963,234	-68,716	-3.5	277,244	284,886	-7,642	-2.7
28	North Dakota.....	577,056	319,146	257,910	80.8	513,320	285,784	228,036	79.8	74,360	45,332	29,028	64.0
29	South Dakota.....	583,888	401,570	182,318	45.4	507,215	353,623	153,590	43.4	77,644	52,622	25,022	47.6
30	Nebraska.....	1,192,214	1,066,300	125,914	11.8	881,362	804,447	76,915	9.6	129,678	121,325	8,353	6.8
31	Kansas.....	1,690,949	1,470,495	220,454	15.0	1,197,159	1,113,284	81,875	7.3	177,841	173,698	4,743	2.7
SOUTH ATLANTIC:													
32	Delaware.....	202,322	184,735	17,587	9.5	103,237	99,018	6,219	6.3	10,836	9,687	1,149	11.9
33	Maryland.....	1,295,346	1,188,044	107,302	9.0	637,154	594,911	42,243	7.1	48,923	46,012	2,911	6.3
34	District of Columbia.....	331,019	278,718	52,301	18.8					217	209	-2	-0.3
35	Virginia.....	2,061,619	1,854,184	207,438	11.2	1,085,083	1,499,323	85,700	5.7	184,018	167,886	16,132	9.6
36	West Virginia.....	1,221,119	938,800	262,319	27.4	992,877	821,306	171,571	20.9	96,685	92,874	3,811	4.1
37	North Carolina.....	2,206,287	1,893,810	312,477	16.5	1,887,813	1,685,595	202,218	12.0	233,725	224,637	29,088	12.9
38	South Carolina.....	1,515,400	1,340,316	175,084	13.1	1,290,568	1,163,406	127,162	11.0	176,434	155,335	21,079	13.6
39	Georgia.....	2,609,121	2,216,331	392,790	17.7	2,070,471	1,840,279	230,192	12.5	291,027	234,691	66,336	29.5
40	Florida.....	732,619	528,542	204,077	42.4	333,339	402,353	131,284	32.6	50,016	40,814	9,202	22.3
EAST SOUTH CENTRAL:													
41	Kentucky.....	2,289,905	2,147,174	142,731	6.6	1,734,463	1,663,941	70,522	4.2	259,185	234,667	24,518	10.4
42	Tennessee.....	2,184,759	2,020,616	164,173	8.1	1,743,744	1,684,894	58,850	3.5	246,012	212,389	33,919	9.5
43	Alabama.....	2,138,093	1,828,697	309,396	16.9	1,767,662	1,591,027	176,635	11.1	202,901	223,220	-39,681	-17.8
44	Mississippi.....	1,797,114	1,551,270	245,844	15.8	1,589,803	1,421,065	168,198	11.8	274,382	250,533	53,579	24.3
WEST SOUTH CENTRAL:													
45	Arkansas.....	1,574,449	1,311,564	262,885	20.0	1,371,708	1,179,845	191,923	16.3	214,678	178,094	35,984	20.1
46	Louisiana.....	1,656,388	1,381,623	274,765	19.9	1,159,872	1,000,628	159,244	15.9	120,546	115,969	4,577	3.9
47	Oklahoma.....	1,657,155	1,790,391	-86,764	-10.7	1,337,000	1,701,243	-363,757	-9.0	197,192	108,960	82,192	76.1
48	Texas.....	3,896,542	3,045,710	847,832	27.8	2,958,438	2,488,538	469,600	18.9	417,770	332,190	65,580	18.6
MOUNTAINS:													
49	Montana.....	376,063	243,329	132,734	54.5	242,633	153,633	88,780	37.7	26,214	13,870	12,844	96.1
50	Idaho.....	325,994	161,772	163,222	101.3	235,696	139,663	116,031	83.1	30,807	17,471	13,336	76.3
51	Wyoming.....	145,965	92,331	53,474	57.7	102,714	59,603	43,739	74.1	10,987	6,063	4,892	80.2
52	Colorado.....	799,024	539,700	259,324	48.0	394,154	270,028	124,146	46.0	46,170	24,700	21,470	86.9
53	New Mexico.....	327,201	195,310	131,991	67.6	280,730	168,826	111,904	66.3	35,676	12,311	23,365	189.8
54	Arizona.....	204,354	123,931	81,423	66.2	141,094	101,322	39,772	39.0	9,227	5,809	3,418	58.8
55	Utah.....	373,331	276,749	96,622	34.9	200,417	168,381	31,836	18.9	21,670	19,387	2,289	11.8
56	Nevada.....	81,875	42,335	39,540	93.4	68,508	37,835	30,673	81.1	2,689	2,184	505	23.1
PACIFIC:													
57	Washington.....	1,141,900	518,103	623,887	120.4	536,400	290,489	245,971	84.7	56,192	33,302	22,900	69.2
58	Oregon.....	672,765	415,536	259,229	62.7	365,705	270,696	95,009	35.1	45,502	35,837	9,665	27.0
59	California.....	2,377,549	1,485,053	892,496	60.1	907,810	674,850	232,950	34.5	88,197	72,642	15,655	21.6

¹ Less than one-tenth of 1 per cent.

² Less than one-hundredth of 1 per cent.

# FARMS AND FARM PROPERTY.

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## DISTRIBUTION OF UNITED STATES TOTALS ALONG DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (-) denotes decrease.]

	ALL LAND IN FARMS (ACRES).				IMPROVED LAND IN FARMS (ACRES).				PER CENT OF UNITED STATES TOTALS.							
	Total land area (acres).	1910	1900	Increase.	1910	1900	Increase.	Per cent.	Land area.	Farms.		Farm land.		Improved.		
										1910	1900	1910	1900	1910	1900	
1	1,903,269,860	878,798,325	835,951,774	40,206,551	4.8	478,451,780	414,493,487	63,958,293	15.4	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2	39,664,640	19,714,931	20,548,999	-834,068	-4.1	7,254,904	8,134,403	-879,499	-10.8	2.08	2.97	3.34	2.24	2.45	1.52	1.96
	64,000,000	43,191,066	44,860,930	-1,669,864	-3.7	29,320,894	30,786,211	-1,465,317	-4.8	3.36	7.36	8.46	6.31	6.35	3.18	7.43
	157,160,960	117,929,148	116,340,761	1,588,387	1.4	88,947,228	86,670,271	2,276,957	2.6	8.26	17.66	19.80	13.42	18.87	18.59	20.91
5	326,914,560	232,641,121	201,008,713	31,639,408	15.7	164,284,862	135,643,828	28,641,034	21.1	17.18	17.45	18.49	26.47	23.97	34.34	32.72
6	172,205,440	105,782,255	104,297,506	-515,251	-0.5	48,479,753	46,100,226	2,379,527	5.2	9.05	17.48	16.77	11.81	12.44	10.13	11.12
7	114,885,760	81,520,629	81,247,643	272,986	0.3	43,946,856	40,237,337	3,709,509	9.2	6.04	16.39	15.74	9.28	9.69	9.19	9.71
8	275,037,440	169,149,976	176,491,202	-7,341,226	-4.2	58,264,273	39,770,530	18,493,743	46.5	14.45	14.83	13.16	19.25	21.05	12.18	18.59
9	549,840,960	59,533,420	46,397,284	13,136,136	28.3	15,915,002	8,402,576	7,512,426	89.4	28.89	2.88	1.77	6.77	5.53	3.33	2.03
10	203,580,800	51,328,789	47,399,576	3,929,213	8.3	22,038,008	18,753,105	3,284,903	17.5	10.70	2.98	4.47	5.84	5.65	4.61	5.22
11	19,132,800	6,296,820	6,299,946	-3,087	(-)	2,360,657	2,366,889	-6,232	(-1.1)	1.01	0.94	1.03	0.72	0.75	0.49	0.58
	5,779,840	3,249,458	3,609,864	-360,406	-10.0	929,153	1,076,879	-147,664	-13.7	0.30	0.43	0.51	0.37	0.43	0.19	0.26
13	5,839,360	4,663,577	4,724,440	-60,863	-1.3	1,633,965	2,126,624	-492,659	-23.2	0.31	0.51	0.58	0.53	0.56	0.34	0.51
14	5,144,960	2,875,941	3,147,064	-271,123	-8.6	1,164,501	1,292,132	-127,631	-9.9	0.27	0.58	0.66	0.33	0.38	0.24	0.31
15	682,800	443,308	455,602	-12,294	-2.7	178,344	187,354	-9,010	-4.8	0.04	0.05	0.10	0.05	0.05	0.04	0.05
16	3,064,800	2,185,788	2,312,083	-126,295	-5.5	988,252	1,064,625	-76,373	-7.2	0.16	0.42	0.47	0.23	0.28	0.21	0.25
17	30,498,560	22,030,367	22,648,190	-617,742	-2.7	14,844,039	15,099,986	-255,947	-4.8	1.60	3.39	3.95	2.51	2.70	3.10	3.76
18	4,808,960	2,573,837	2,840,966	-267,169	-9.4	1,803,336	1,977,042	-173,706	-8.8	0.25	0.33	0.60	0.29	0.34	0.38	0.48
19	28,692,480	18,586,832	19,371,015	-784,183	-4.0	12,673,519	13,269,183	-595,664	-4.1	1.51	3.45	3.91	2.11	2.31	2.65	3.19
20	26,073,600	24,105,708	24,301,985	-396,277	-1.6	19,227,960	19,244,472	-16,503	(-0.1)	1.37	4.28	4.82	2.74	2.92	4.02	4.64
21	29,068,800	21,299,823	21,619,623	-319,800	-1.5	16,831,232	16,680,358	200,894	1.5	1.21	3.39	3.87	2.42	2.58	3.54	4.02
22	35,867,520	32,522,937	32,794,728	-271,791	-0.8	28,648,323	27,669,219	349,104	1.3	1.88	3.96	4.60	3.70	3.91	5.86	6.68
23	36,787,200	18,940,614	17,561,608	1,378,916	7.8	12,832,078	11,799,250	1,032,828	8.8	1.93	3.25	3.64	2.16	2.09	2.68	2.85
24	35,363,840	21,060,666	19,862,727	1,197,939	6.0	11,907,606	11,246,972	660,634	5.9	1.86	2.78	2.96	2.40	2.37	4.49	2.71
25	51,748,120	27,675,823	26,248,498	1,427,325	5.4	19,643,533	18,442,585	1,200,948	6.5	2.72	2.45	2.70	3.15	3.18	4.11	4.45
26	35,575,040	33,990,688	34,574,337	-583,649	-1.9	29,491,199	29,897,532	-406,335	-1.4	1.87	3.41	3.98	3.86	4.12	6.16	7.21
27	43,985,280	34,341,248	33,997,873	343,375	1.7	24,581,186	22,900,943	1,681,143	7.3	2.31	4.36	4.97	3.94	4.05	5.14	5.52
28	44,917,120	28,426,650	15,542,640	12,884,010	82.9	29,455,692	9,644,520	19,811,172	112.1	2.36	1.17	0.79	3.23	1.85	2.48	2.33
29	49,186,520	26,016,892	19,070,616	6,946,276	36.4	15,827,208	11,285,983	4,541,225	40.2	2.58	1.22	0.92	2.96	2.27	3.31	2.72
30	49,137,120	38,622,021	29,911,779	8,710,242	29.1	24,382,577	18,432,965	5,949,612	32.3	2.58	2.04	2.12	3.49	3.57	5.10	4.45
31	52,335,360	43,384,799	41,662,970	1,721,829	4.1	29,994,067	25,640,550	4,863,517	19.4	2.75	2.80	3.02	4.94	4.97	6.25	6.64
32	1,287,600	1,038,866	1,066,228	-27,362	-2.6	713,538	754,010	-40,472	-5.4	0.07	0.17	0.17	0.12	0.13	0.15	0.18
33	6,362,240	5,057,140	5,179,076	-112,935	-2.2	3,354,767	3,516,332	-161,565	-4.6	0.33	0.77	0.89	0.68	0.62	0.70	0.83
34	38,400	6,963	6,489	-474	-2.8	5,133	5,934	-801	-13.5	(*)						
35	25,677,680	19,495,436	19,807,883	-412,247	-2.1	9,879,688	10,094,805	-224,747	-2.2	1.35	2.89	2.83	2.22	2.37	2.06	2.44
36	15,374,980	10,626,442	10,654,533	-28,091	-0.3	5,521,757	5,408,984	22,776	0.4	0.81	1.52	1.64	1.24	1.27	1.15	1.33
37	31,193,600	22,439,129	22,749,356	-310,227	-1.4	8,813,656	8,327,106	486,550	5.8	1.64	3.99	3.62	2.53	2.71	1.84	2.01
38	19,516,800	13,512,028	13,985,014	-472,986	-3.4	6,067,959	5,775,744	322,218	5.6	1.03	2.77	2.71	1.54	1.67	1.27	1.39
39	37,584,000	28,953,413	26,392,087	2,561,326	2.1	12,298,017	10,615,644	1,682,373	15.8	1.97	4.57	3.92	3.07	3.15	2.57	2.36
40	35,111,040	5,253,538	4,363,891	889,647	20.4	1,805,408	1,511,653	293,755	19.4	1.84	0.79	0.71	1.00	0.52	0.38	0.36
41	25,715,840	22,189,127	21,979,422	209,705	1.0	14,354,471	13,741,968	612,503	4.5	1.55	4.07	4.09	2.62	2.62	3.00	3.32
42	26,679,680	29,041,657	23,342,658	-3,000,401	-1.5	10,890,484	10,245,950	644,534	6.3	1.40	3.37	3.92	2.28	2.43	2.28	2.47
43	32,818,560	29,712,212	20,635,427	46,885	0.2	6,693,581	6,654,991	38,590	0.6	1.72	1.13	3.89	2.36	2.47	2.03	2.09
44	29,671,680	18,537,533	18,240,736	316,797	1.7	9,008,310	7,594,428	1,413,882	18.6	1.56	4.31	3.85	2.11	2.18	1.88	1.83
45	33,616,000	17,416,075	16,636,719	779,356	4.7	8,976,254	6,953,732	1,122,519	16.1	1.77	3.37	3.21	1.98	1.98	1.69	1.68
46	29,061,760	10,439,484	11,059,127	-619,646	-5.6	5,276,016	4,696,532	609,484	13.1	1.53	1.89	2.02	1.19	1.32	1.10	1.13
47	44,424,960	28,859,333	22,983,339	5,871,014	25.5	17,551,337	8,574,187	8,977,150	104.7	2.33	2.99	1.88	3.28	2.74	3.67	3.207
48	167,934,720	112,435,667	125,807,017	-13,371,890	-10.6	27,360,666	19,576,076	7,784,590	39.8	8.82	6.57	6.14	12.79	15.00	10.72	4.72
49	93,868,640	13,545,663	11,844,544	1,701,149	14.4	3,646,309	1,736,701	1,909,608	106.6	4.92	0.41	0.23	1.54	1.41	0.76	0.42
50	53,346,560	5,283,604	3,204,903	2,078,701	64.9	2,778,740	1,413,118	1,365,622	96.6	2.80	0.45	0.30	0.60	0.38	0.58	0.34
51	62,460,160	8,543,010	8,124,536	418,474	5.2	1,256,169	792,332	463,828	5.8	3.28	1.17	0.11	0.97	0.97	0.26	0.19
52	66,341,120	13,532,113	9,470,588	4,061,525	42.8	4,302,101	2,273,968	2,028,133	89.2	3.49	0.73	0.43	1.54	1.13	0.90	0.55
53	78,401,920	11,270,021	5,130,578	6,139,143	119.7	1,467,191	326,873	1,140,318	348.9	4.12	0.56	0.21	1.28	0.61	0.31	0.08
54	72,838,400	1,246,613	1,835,327	-688,714	-35.6	350,173	254,521	95,652	3.7	3.83	0.15	0.10	1.14	0.23	0.07	0.06
55	52,597,760	3,397,699	4,116,951	-719,252	-17.7	1,368,211	1,032,117	336,094	32.6	2.76	0.34	0.34	0.39	0.49	0.29	0.25
56	70,285,440	2,714,757	2,565,647	149,110	5.8	752,117	572,946	179,171	31.3	3.69	0.04	0.04	0.31	0.31	0.16	0.14
57	47,275,040	11,712,235	8,499,207	3,212,938	37.8	6,373,311	3,465,960									

In acreage of improved land in farms all of the divisions except the New England and Middle Atlantic show increases between 1900 and 1910. The West North Central division reported a much greater absolute increase than any other division, nearly 29,000,000 acres of improved land, or not far from half of the total increase for the United States, having been added during the decade. The percentage of increase was, however, less than in the West South Central and Mountain divisions. In the West South Central about 18,500,000 acres were added during the decade,

an increase of 46.6 per cent; and in the Mountain division over 7,500,000 acres, or 89.4 per cent. The three northernmost states in the South Atlantic division, namely, Delaware, Maryland, and Virginia, show decreases, which are, however, more than offset by the increases in the other five states of the division.

The following statement shows the changes in the number of farms, land in farms, and improved farm land during the past decade in the North, the South, and the West, and in the territory east and west of the Mississippi River, respectively:

Table 4

SECTION.	POPULATION.				NUMBER OF ALL FARMS.			
	1910	1900	Increase. <sup>1</sup>		1910	1900	Increase. <sup>1</sup>	
			Amount.	Per cent.			Amount.	Per cent.
<b>United States</b> .....	<b>91,072,268</b>	<b>75,994,575</b>	<b>15,077,691</b>	<b>21.0</b>	<b>6,361,502</b>	<b>6,737,372</b>	<b>624,130</b>	<b>10.9</b>
The North.....	55,757,115	47,379,099	8,377,416	17.7	2,890,618	2,874,073	16,545	0.6
The South.....	29,389,339	24,523,527	4,865,812	19.8	3,097,547	2,620,391	477,156	18.2
The West.....	6,925,821	4,091,949	2,793,477	66.8	573,337	242,908	130,429	53.7
East of the Mississippi.....	64,723,990	55,023,513	9,700,477	17.6	3,935,031	3,678,867	256,164	7.0
West of the Mississippi.....	27,248,276	20,971,062	6,277,214	29.9	2,426,471	2,958,505	537,966	17.9
	<b>ALL LAND IN FARMS (ACRES).</b>				<b>IMPROVED LAND IN FARMS (ACRES).</b>			
<b>United States</b> .....	<b>878,758,325</b>	<b>838,551,774</b>	<b>40,226,551</b>	<b>4.8</b>	<b>478,451,750</b>	<b>414,458,487</b>	<b>63,833,263</b>	<b>15.4</b>
The North.....	413,483,256	382,758,563	30,724,693	8.0	289,807,888	261,234,713	28,573,175	10.9
The South.....	334,452,860	362,030,351	-27,583,491	-2.1	150,690,832	126,108,093	24,582,739	19.5
The West.....	110,862,209	93,796,860	17,065,349	18.2	37,833,010	27,155,681	10,797,329	39.8
East of the Mississippi.....	306,138,019	367,294,999	-1,156,980	-0.3	217,949,605	211,928,448	6,021,157	2.8
West of the Mississippi.....	512,660,306	471,296,775	41,363,531	8.8	260,502,145	202,570,039	57,932,106	28.6

<sup>1</sup>A minus sign (—) denotes decrease.

The increase of over 30,000,000 acres of land in farms in the North was almost wholly confined to the West North Central division. In the South there was an apparent decrease, owing entirely to the conditions in Louisiana and Texas, already described. The West shows a smaller absolute increase, but a greater percentage of increase, than the North.

In acreage of improved farm land the North shows the greatest absolute increase during the decade, but in the South the absolute increase was nearly as great and the percentage of increase nearly twice as great, while in the West the absolute increase was about one-third as great, but the percentage of increase almost four times as high as in the North.

Percentage of land in farms and percentage improved.—Wide differences exist among the several states and divisions in the proportion of their total area which has been brought into farms, and also in the proportion of the farm land which has been improved. Table 5 shows these differences by means of percentages calculated from the figures in Table 3. The definition of improved land given in the note on page 265 should be borne in mind, since it is probable that the differences in the proportion of land improved and the changes in this proportion from census to census are due partly to differences in interpretation as to what constitutes improved land in different sections of the country and at different censuses.

The map on page 272 shows, by counties, the proportion which land in farms represents of the total land

area, and the map on page 273 shows the proportion which improved land represents of the total land area.

The East North Central division leads all other geographic divisions in the extent to which its land area has been brought into farms, exactly three-fourths of its total land area consisting of farm land. The proportions in the West North Central and East South Central divisions in each case exceed 70 per cent. The Middle Atlantic, West South Central, and South Atlantic divisions have each over 60 per cent of their total land area in farms, but in the New England division the proportion falls slightly below 50 per cent; in the Pacific division it is only 25.2 per cent; and in the Mountain division only 10.8 per cent.

The divisions rank somewhat differently with respect to the proportion of their area which is represented by improved farm land, these differences in ranking being due of course to the differences among the divisions in the percentage which improved land represents of the total farm land. The East North Central division again ranks first, 56.6 per cent of its total land area consisting of improved farm land, and the West North Central division ranks second, with 50.3 per cent. The Middle Atlantic division, however, ranks third, followed by the East South Central and South Atlantic. In each of the five divisions just named the improved farm land constituted more than one-fourth of the total land area, but in the West South Central, New England, Pacific, and

Mountain divisions the proportion is below one-fourth, and, in fact, in the Mountain division it is only 2.9 per cent.

With respect to the proportion which improved land represents of all land in farms, the New England and Middle Atlantic divisions reported a decline between 1900 and 1910, as shown in the table below, but in each of the other seven divisions the proportion was larger in the later year, the change being most conspicuous in the West South Central and Mountain divisions.

DIVISION OR STATE.	PER CENT LAND IN FARMS FORMS OF TOTAL LAND AREA.		PER CENT OF FARM LAND IMPROVED.		PER CENT OF TOTAL LAND AREA IMPROVED.	
	1910	1900	1910	1900	1910	1900
United States.....	46.2	44.1	54.4	49.4	25.1	21.8
<b>GEOGRAPHIC DIVISIONS</b>						
New England.....	49.7	51.8	36.8	39.6	18.3	20.5
Middle Atlantic.....	67.5	70.1	67.9	68.6	45.8	48.1
East North Central.....	75.4	74.4	67.6	68.6	46.7	47.2
West North Central.....	71.2	61.5	70.6	67.5	50.3	41.5
South Atlantic.....	103.3	60.6	46.7	44.2	26.1	26.8
West South Central.....	71.9	78.7	53.9	49.5	38.2	35.9
Mountain.....	10.8	8.4	26.7	18.1	2.9	1.5
Pacific.....	23.2	23.3	42.9	39.6	10.8	9.2
<b>NEW ENGLAND:</b>						
Maine.....	32.9	32.9	37.5	37.9	12.3	12.5
New Hampshire.....	56.2	62.5	28.6	29.8	16.1	18.6
Vermont.....	79.9	80.9	35.0	45.0	28.0	36.4
Massachusetts.....	65.9	61.2	40.5	41.1	22.6	25.0
Rhode Island.....	64.9	66.7	40.2	41.1	26.1	27.4
Connecticut.....	70.9	74.9	45.2	46.0	32.0	34.5
<b>MIDDLE ATLANTIC:</b>						
New York.....	72.2	74.3	67.4	68.9	48.7	51.1
New Jersey.....	53.3	59.1	70.1	68.6	37.5	41.1
Pennsylvania.....	64.8	67.5	68.2	68.2	44.2	46.0
<b>EAST NORTH CENTRAL:</b>						
Ohio.....	92.5	94.0	79.8	78.5	73.7	73.8
Indiana.....	92.3	94.1	79.5	77.2	73.4	72.6
Illinois.....	90.7	91.5	86.2	84.5	78.2	77.3
Michigan.....	51.5	47.7	67.8	67.2	34.9	32.1
Wisconsin.....	99.6	96.2	96.5	95.3	73.7	71.8
<b>WEST NORTH CENTRAL:</b>						
Minnesota.....	93.5	90.7	71.0	70.3	38.0	35.6
Iowa.....	55.4	97.2	86.9	86.5	82.9	84.0
Missouri.....	78.6	77.3	71.1	67.4	55.9	52.1
North Dakota.....	63.4	54.5	72.0	62.1	45.5	21.5
South Dakota.....	52.9	38.8	60.8	59.2	32.2	22.9
Nebraska.....	78.6	60.8	63.1	61.6	49.6	37.5
Kansas.....	82.9	79.6	68.9	60.1	57.1	47.8
<b>SOUTH ATLANTIC:</b>						
Delaware.....	82.6	84.8	68.7	70.7	56.7	60.0
Maryland.....	79.5	81.3	66.3	68.0	52.7	55.3
District of Columbia.....	15.8	22.1	84.7	69.9	13.4	15.5
Virginia.....	75.7	77.3	50.6	50.7	38.3	39.2
West Virginia.....	69.2	69.3	53.2	58.8	35.9	35.8
North Carolina.....	71.9	72.9	39.3	36.6	28.3	26.7
South Carolina.....	69.2	71.7	45.1	41.3	31.2	29.6
Florida.....	71.9	64.7	67.8	60.2	32.7	28.2
Georgia.....	15.0	12.4	34.4	34.6	5.4	4.3
<b>EAST SOUTH CENTRAL:</b>						
Kentucky.....	86.3	85.5	64.7	62.5	55.8	53.4
Tennessee.....	75.1	76.2	54.3	50.4	40.8	38.4
Alabama.....	63.2	63.0	46.8	41.8	29.5	26.4
Mississippi.....	62.3	61.5	48.3	49.0	30.4	25.0
<b>WEST SOUTH CENTRAL:</b>						
Arkansas.....	51.8	49.5	46.5	41.8	24.0	20.7
Louisiana.....	38.9	38.1	50.5	42.2	18.2	16.1
Oklahoma.....	65.0	51.7	69.8	37.3	39.5	19.3
Texas.....	67.0	74.9	24.3	15.6	16.3	11.7
<b>MOUNTAIN:</b>						
Montana.....	14.5	12.7	26.9	14.7	3.9	1.9
Idaho.....	9.2	10.9	53.1	44.1	2.2	2.6
Wyoming.....	13.7	13.0	14.7	8.8	2.0	1.3
Colorado.....	20.4	14.3	31.8	24.0	6.5	3.4
New Mexico.....	14.4	5.6	13.0	6.4	1.8	0.4
Arizona.....	1.7	2.7	28.1	15.2	0.5	0.3
Utah.....	6.5	7.8	40.3	23.1	2.6	2.0
Nevada.....	3.9	3.7	27.7	22.3	1.1	0.8
<b>PACIFIC:</b>						
Washington.....	27.4	19.9	54.4	40.8	14.9	8.1
Oregon.....	19.1	15.5	56.6	35.0	7.0	5.4
California.....	28.0	28.9	49.8	41.5	11.4	12.0

In the North, as shown in Table 6, improved farm land represents 49.3 per cent of the total land area; in the South, 26.8 per cent; and in the West, 5 per cent. East of the Mississippi the proportion is 39.8 per cent; west of the river, 19.2.

SECTION.	PER CENT LAND IN FARMS FORMS OF TOTAL LAND AREA.		PER CENT OF FARM LAND IMPROVED.		PER CENT OF TOTAL LAND AREA IMPROVED.	
	1910	1900	1910	1900	1910	1900
United States.....	46.2	44.1	54.4	49.4	25.1	21.8
The North.....	70.4	65.1	70.1	68.3	49.3	44.5
The South.....	63.1	64.4	42.5	34.8	26.8	22.4
The West.....	14.7	12.4	34.2	29.0	5.0	3.6
East of the Mississippi.....	66.8	67.1	59.5	57.7	39.8	38.7
West of the Mississippi.....	37.8	34.8	30.8	43.0	19.2	14.9

Average size of farms.—Table 13, on page 280, shows the average acreage and improved acreage per farm.

The farms are smaller in the older sections of the country than in the newer. They are, also, in general, smaller in the Southern states than in the Northern. This latter condition, however, is due largely to the fact that the land operated by each tenant is, in the census statistics, treated as a separate farm. In certain Southern states there are still many so-called plantations consisting of several or even many tenant holdings. In many cases these plantations as a whole are as truly agricultural units as large farms in the North operated by hired labor.

More specifically, the average size of farms is smallest in the East South Central division—78.2 acres. It is 92.2 acres in the Middle Atlantic division, 93.3 in the South Atlantic, 104.4 in the New England, and 105 in the East North Central. These five divisions do not differ so widely from one another as they all do from the four divisions lying west of the Mississippi River, in which the farms average much larger, ranging from 179.3 acres in the West South Central to 324.5 acres in the Mountain division. From the standpoint of cultivation of the soil, as distinguished from grazing, the average number of improved acres per farm furnishes a better basis for comparison of size than the average number of acres of all land, and in this respect the divisions rank quite differently.

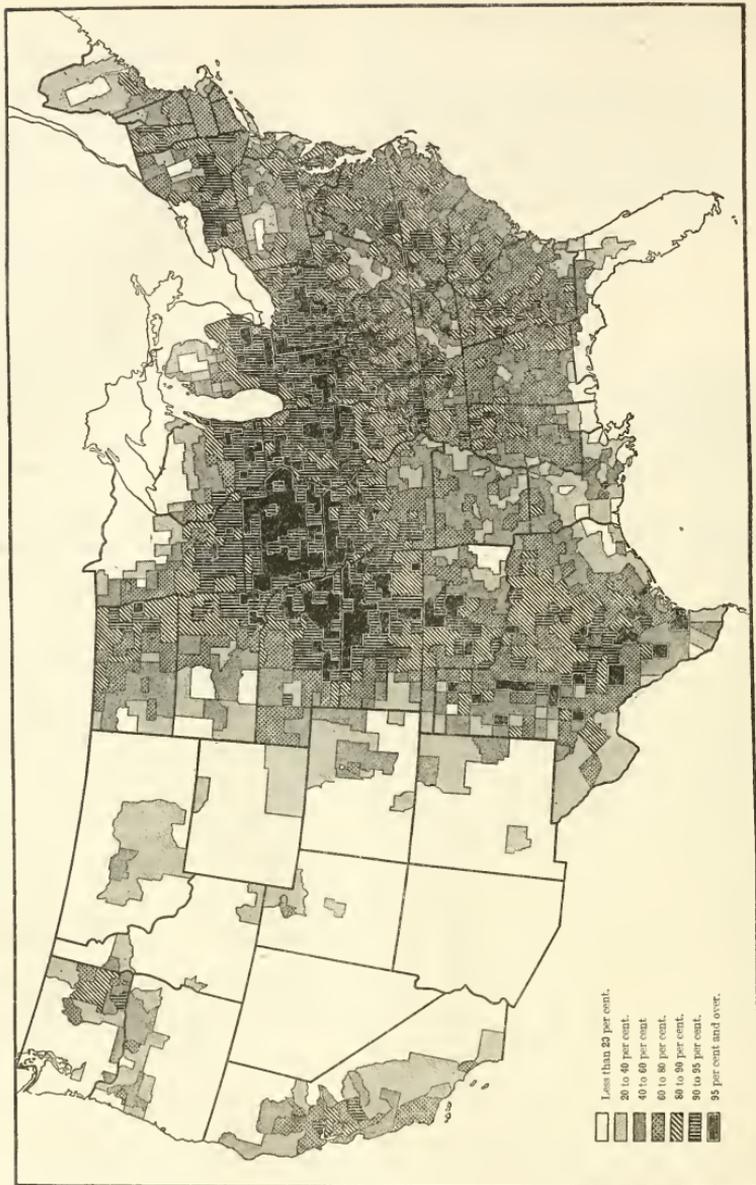
While the average size of farms in the country as a whole has decreased about 6 per cent since 1900, it has increased in the East and West North Central divisions, and in the New England and Middle Atlantic divisions the decrease is small. But in the three southern divisions and in the Mountain and Pacific divisions the decrease in the size of farms has been conspicuous.

The following table shows the average size of farms in the North, the South, and the West, and in the territory east and west of the Mississippi, respectively:

SECTION.	AVERAGE ACRES OF LAND PER FARM.		AVERAGE IMPROVED ACRES PER FARM.	
	1910	1900	1910	1900
United States.....	138.1	146.2	75.2	72.2
The North.....	142.0	133.2	100.3	90.9
The South.....	114.4	138.2	48.6	48.1
The West.....	286.9	386.1	101.7	111.8
East of the Mississippi.....	90.0	90.8	55.4	57.6
West of the Mississippi.....	211.3	229.0	107.4	98.4

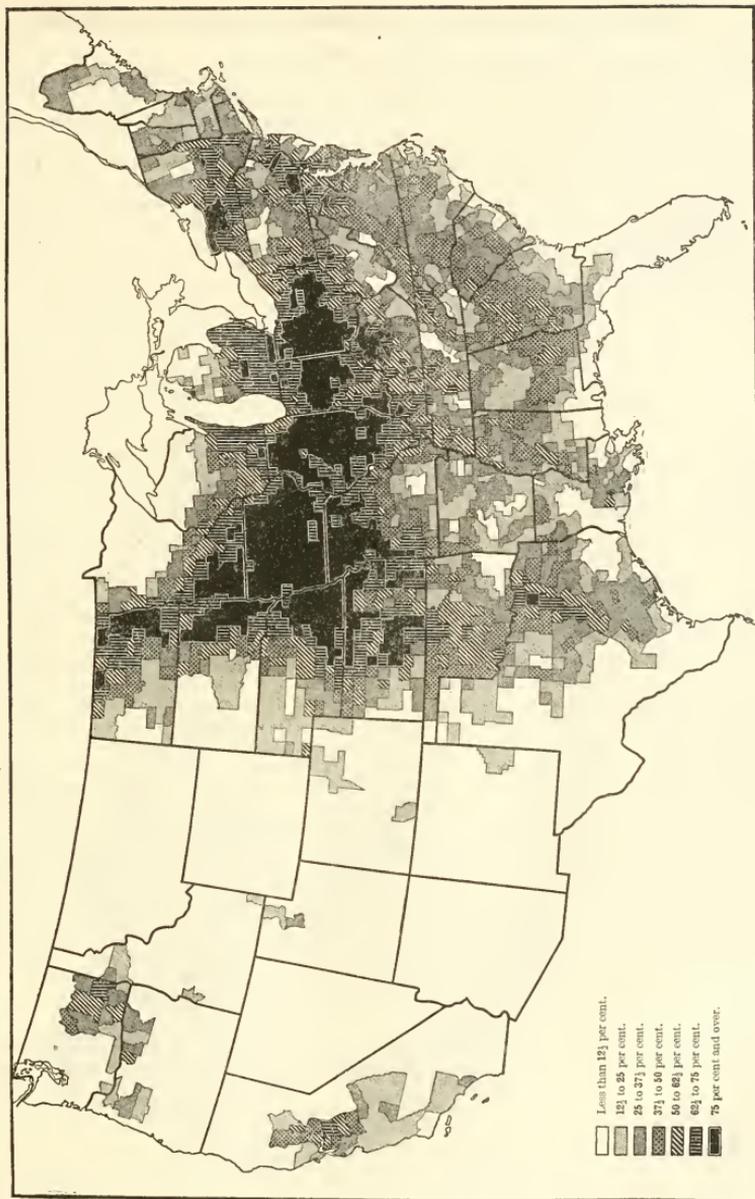
PER CENT LAND IN FARMS FORMS OF TOTAL LAND AREA, BY COUNTIES: 1910.

[Per cent for the United States, 46.2.]



PER CENT IMPROVED LAND IN FARMS FORMS OF TOTAL LAND AREA, BY COUNTIES: 1910.

[Per cent for the United States, 25.1.]



## VALUE OF FARM PROPERTY, BY DIVISIONS AND STATES: 1910 AND 1900.

**Geographic distribution of farm values.**—Table 10 (pp. 276 and 277) shows for each division and state for 1910 and 1900 the value of all farm property and that of each class, together with increases.

The distribution of farm values among the divisions and states of the country differs quite radically from the distribution of land in farms, since there are wide differences in the average value of farm land and farm equipment per acre in the different sections of the country. The following table shows what percentage of the total value of all farm property and of each class thereof in the United States is reported from each geographic division or section:

DIVISION OR SECTION.	All farm property.	Land.	Buildings.	Implements and machinery.	Live stock.
United States	100.0	100.0	100.0	100.0	100.0
New England	2.1	1.3	3.5	4.0	2.0
Middle Atlantic	7.2	5.1	15.5	13.2	7.1
East North Central	24.7	25.4	26.0	21.2	19.8
West North Central	33.0	35.3	24.7	22.2	31.5
South Atlantic	7.2	6.6	9.5	7.8	7.4
East South Central	5.3	4.7	6.5	6.0	7.5
West South Central	9.4	9.5	6.5	8.5	12.0
Mountain	4.3	4.1	2.3	3.9	7.9
Pacific	6.8	7.9	3.7	5.2	4.8
The North	67.0	67.2	71.5	67.7	69.4
The South	21.9	20.8	22.6	23.2	26.9
The West	11.1	12.0	6.0	9.1	12.7
East of the Mississippi	46.5	43.1	62.8	52.2	43.8
West of the Mississippi	53.5	56.9	37.2	47.8	56.2

Table 8 shows that nearly one-third of the total value of farm property in 1910 was found in the West North Central division alone, and nearly one-fourth in the East North Central, leaving only about 42 per cent for the other seven geographic divisions. An examination of Table 10, however, shows that the East North Central division had a smaller proportion of the total value of farm property in 1910 than in 1900. The same is true of three other easterly divisions, the New England, Middle Atlantic, and East South Central; but the South Atlantic division and all four of the divisions lying west of the Mississippi River contributed a larger proportion of the total value of farm property in the later year than in the earlier.

In the North as a whole the value of farm property in 1910 constituted 67 per cent of the total for the United States; in the South, 21.9 per cent; and in the

West, 11.1 per cent. The territory east of the Mississippi River comprised 46.5 per cent of all farm property and that west of the river 53.5 per cent.

**Increase in value of farm property.**—Between 1900 and 1910 the total value of farm property in the United States doubled, increasing 100.5 per cent. This extraordinary increase in value has been shared by every state. (The District of Columbia, although listed in the tables, counts for but little in agricultural statistics.) Moreover, there has been an increase in every state in the value of each class of farm property, with the sole exception of the value of implements and machinery in Louisiana. The apparent decrease in this item in Louisiana is misleading, being due mainly, if not wholly, to the fact that the returns for 1900 included as implements and machinery the equipment of sugar mills on plantations, which was excluded, as being manufacturing property, in 1910.

In absolute amount of increase in the value of all farm property the West North Central division far exceeds any other, the increase of \$7,714,000,000 there representing considerably more than one-third of the total increase for the entire country. The East North Central, West South Central, and Pacific divisions follow, in the order named, in the absolute amounts added to the value of farm property. The divisions, however, rank differently with respect to the percentages of increase. The Mountain division shows the most remarkable relative increase, 192.3 per cent, followed in order by the Pacific, West South Central, West North Central, and South Atlantic divisions. In each of these five divisions the increase exceeded 100 per cent. The lowest rate of increase was in the Middle Atlantic division, 28.1 per cent.

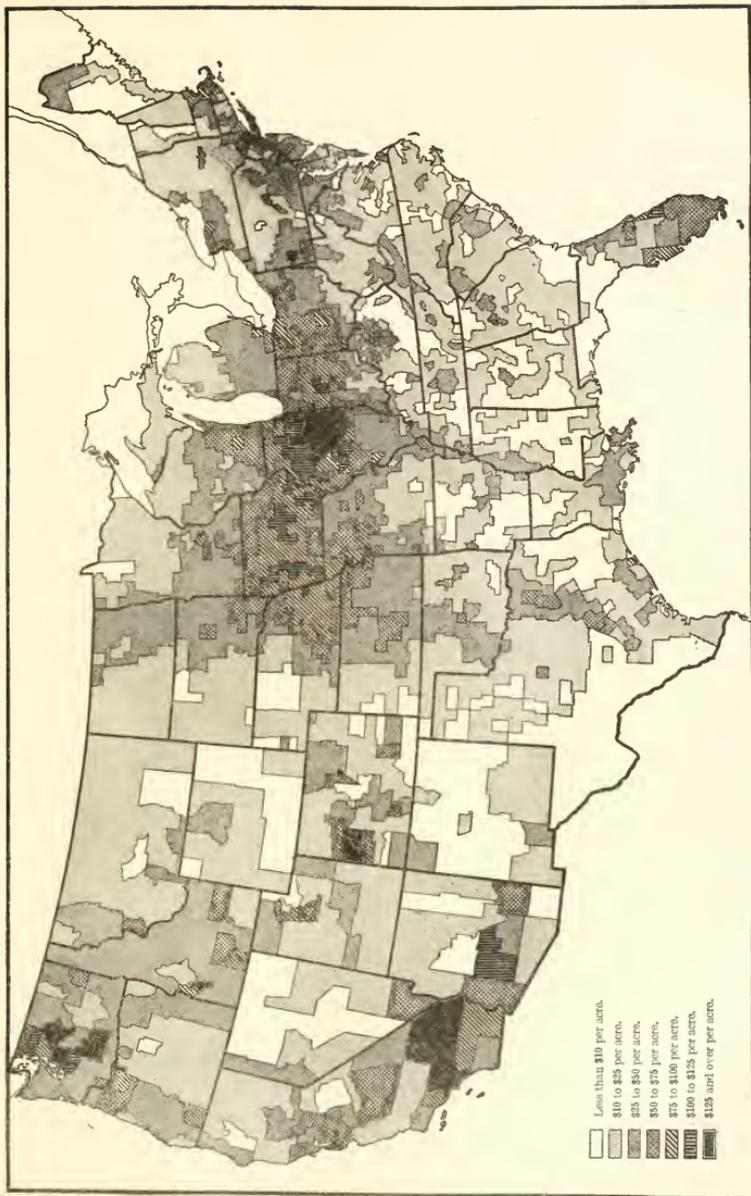
As shown in Table 9, the relative increase in the value of all farm property in the South, 110.1 per cent, exceeded that in the North, 90.1 per cent; but both, as might be expected, fell below the West, in which the increase was 164.7 per cent. The absolute increase in the North, however, over \$13,000,000,000, greatly exceeded that in the other two sections combined, representing in fact almost two-thirds of the total increase for the United States. For the entire territory east of the Mississippi River the percentage of increase in the value of all farm property was 69.1 and for the territory west of the river 139.3.

SECTION.	VALUE OF ALL FARM PROPERTY.			PER CENT OF INCREASE: 1900-1910				
	1910	1900	Increase.	All farm property.	Land.	Buildings.	Implements and machinery.	Live stock.
United States	\$40,991,449,090	\$20,439,901,164	\$20,551,547,928	100.5	118.1	77.8	68.7	60.1
The North	27,481,267,056	14,455,452,476	13,025,814,580	90.1	104.2	69.2	65.6	56.8
The South	8,373,126,889	4,309,851,719	4,063,275,170	110.1	131.3	96.0	62.9	65.5
The West	4,538,055,145	1,714,593,960	2,823,461,176	164.7	203.5	125.0	119.0	79.1
East of the Mississippi	19,079,930,097	11,284,358,101	7,795,571,996	69.1	73.4	62.5	56.7	62.0
West of the Mississippi	21,911,518,993	9,155,543,063	12,755,975,930	139.3	171.0	111.6	84.2	58.7

## AVERAGE VALUE OF LAND IN FARMS PER ACRE, BY COUNTIES: 1910.

[Average for the United States, \$32.46.]

NOTE.—The averages are based only on land in farms, each county as a whole, using shaded according to the average value of each land per acre, even though only a small proportion of the country may be occupied by farm land. Comparison should be made between this map and the map on page 274.



## FARM PROPERTY—VALUE OF EACH CLASS OF FARM PROPERTY, WITH AMOUNTS

[A minus sign (-) denotes decrease.]

Table 10	DIVISION OR STATE.	ALL FARM PROPERTY.				LAND.			
		1910	1900	Increase.		1910	1900	Increase.	
				Amount.	Per cent.			Amount.	Per cent.
	United States.....	\$40,991,449,090	\$20,429,901,164	\$20,551,547,926	100.5	\$28,475,674,169	\$13,058,007,995	\$15,417,666,174	118.1
GEOGRAPHIC DIVISIONS:									
2	New England.....	867,240,457	639,645,900	227,594,557	35.6	382,134,424	281,469,802	98,674,621	34.8
3	Middle Atlantic.....	2,959,589,022	2,310,886,728	648,702,294	28.1	1,402,321,005	1,219,928,090	182,392,915	19.9
4	East North Central.....	10,119,128,066	5,583,925,367	4,435,202,699	78.0	7,231,609,114	3,973,023,780	3,258,585,334	82.0
5	West North Central.....	13,335,309,511	5,439,994,431	7,714,315,030	132.5	10,052,569,913	3,892,877,273	6,159,692,640	158.2
6	South Atlantic.....	2,951,200,773	1,504,901,316	1,497,109,457	103.0	1,893,349,675	899,830,956	993,528,739	100.3
7	East South Central.....	2,182,771,779	1,195,868,790	986,902,989	82.5	1,326,836,864	790,153,431	536,683,433	87.4
8	West South Central.....	3,838,154,337	1,619,904,613	2,218,199,724	136.9	2,716,098,530	953,785,562	1,762,312,968	184.8
9	Mountain.....	1,757,573,368	601,204,180	1,156,309,188	192.3	1,174,370,906	284,064,810	890,306,286	313.4
10	Pacific.....	2,780,481,777	1,113,329,789	1,667,151,988	149.7	2,246,313,548	842,893,290	1,403,420,258	166.6
NEW ENGLAND:									
11	Maine.....	199,271,998	122,410,904	76,861,094	62.8	86,451,395	49,359,450	37,121,945	75.2
12	New Hampshire.....	103,704,196	85,842,066	17,862,130	20.8	44,519,947	35,498,770	9,020,287	25.4
13	Vermont.....	145,399,728	108,451,427	36,948,301	34.1	58,385,327	45,813,905	12,571,422	27.4
14	Massachusetts.....	226,474,025	182,646,704	43,827,321	24.0	105,532,616	86,925,410	18,607,206	21.4
15	Rhode Island.....	32,960,739	26,989,189	6,001,550	22.2	15,009,981	13,421,779	1,588,211	11.8
16	Connecticut.....	159,399,771	113,305,580	46,094,191	40.7	72,206,058	52,441,508	19,764,550	37.7
MIDDLE ATLANTIC:									
17	New York.....	1,451,481,495	1,069,723,835	381,757,660	35.7	707,747,828	551,174,229	156,573,608	28.4
18	New Jersey.....	254,832,665	189,533,660	65,299,005	34.5	124,143,167	93,369,630	30,782,337	33.0
19	Pennsylvania.....	1,253,274,862	1,051,629,173	201,645,689	19.2	630,450,010	575,392,940	55,057,070	9.6
EAST NORTH CENTRAL:									
20	Ohio.....	1,902,694,589	1,198,923,946	703,770,643	58.7	1,285,894,812	817,163,710	468,731,102	57.4
21	Indiana.....	1,809,135,238	978,616,471	830,518,767	84.9	1,328,196,545	687,633,460	640,563,085	93.2
22	Illinois.....	3,905,321,075	2,004,316,897	1,901,004,178	94.8	3,090,411,148	1,514,113,970	1,576,297,178	104.1
23	Michigan.....	1,088,858,379	690,355,734	398,502,645	57.7	615,238,438	423,569,950	191,668,398	45.3
24	Wisconsin.....	1,413,118,785	811,712,319	601,406,466	74.1	811,908,261	530,542,690	281,365,571	71.9
WEST NORTH CENTRAL:									
25	Minnesota.....	1,476,411,737	788,684,642	687,727,095	87.2	1,019,102,027	559,301,900	459,800,127	82.2
26	Iowa.....	3,745,860,544	1,836,545,546	1,911,514,998	104.2	2,801,973,729	1,256,751,980	1,545,221,749	123.0
27	Missouri.....	2,032,197,488	1,033,121,897	1,019,795,591	98.7	1,445,982,389	695,470,723	750,511,666	107.9
28	North Dakota.....	974,814,205	255,256,751	719,547,454	281.9	790,380,131	173,352,270	617,027,861	321.3
29	South Dakota.....	1,165,066,980	297,325,302	868,571,678	291.9	902,606,751	198,206,890	704,399,861	377.1
30	Nebraska.....	1,009,518,647	747,950,037	1,331,868,590	178.1	1,014,339,313	486,005,900	528,333,413	231.8
31	Kansas.....	2,039,389,910	864,100,286	1,175,289,624	136.0	1,337,970,373	532,187,610	1,005,788,963	189.0
SOUTH ATLANTIC:									
32	Delaware.....	63,179,201	40,697,654	22,481,547	55.2	34,638,161	23,798,820	11,669,341	47.0
33	Maryland.....	286,167,028	204,645,407	81,521,621	39.8	163,451,614	120,367,550	43,084,064	35.8
34	District of Columbia.....	8,470,533	11,835,370	-3,364,837	-28.5	7,193,650	9,700,220	-2,506,280	-25.8
35	Virginia.....	625,065,383	323,515,977	301,549,406	93.2	394,638,912	200,615,080	194,023,832	96.7
36	West Virginia.....	314,738,540	203,967,349	110,831,191	54.4	207,075,759	124,209,110	72,866,649	54.2
37	North Carolina.....	537,716,210	233,824,688	303,891,527	130.0	433,164,945	141,755,840	291,209,105	141.7
38	South Carolina.....	392,129,314	133,501,159	258,537,155	153.3	208,774,854	96,805,800	108,969,054	109.3
39	Georgia.....	580,546,381	228,374,637	352,171,744	154.2	270,353,415	128,515,430	141,837,985	107.4
40	Florida.....	143,183,183	83,929,664	59,253,519	165.5	93,738,065	50,823,016	42,915,049	214.1
EAST SOUTH CENTRAL:									
41	Kentucky.....	773,797,880	471,045,826	302,752,024	64.3	484,464,617	291,117,430	193,347,187	66.4
42	Tennessee.....	612,520,836	341,292,025	271,318,811	79.5	371,415,738	202,013,770	169,401,968	83.9
43	Alabama.....	370,138,429	179,399,882	190,738,547	106.3	216,944,175	100,165,571	116,778,604	116.6
44	Mississippi.....	426,314,634	204,221,027	222,093,607	108.8	254,002,289	114,856,660	139,145,629	121.1
WEST SOUTH CENTRAL:									
45	Arkansas.....	400,089,303	181,416,001	218,673,302	120.5	246,021,450	105,166,650	140,854,800	134.1
46	Louisiana.....	301,229,988	198,536,906	102,684,082	51.7	187,803,277	107,730,210	80,073,067	74.3
47	Oklahoma.....	918,198,882	1,277,325,433	-640,673,449	-230.9	649,006,668	1,149,337,900	-499,676,768	-334.5
48	Texas.....	2,218,645,164	607,426,273	1,256,168,891	155.8	1,373,207,135	591,550,802	1,042,656,333	176.1
MOUNTAIN:									
49	Montana.....	347,828,770	117,859,823	229,968,947	195.1	226,771,302	52,660,560	174,110,742	330.6
50	Idaho.....	305,317,185	67,271,202	238,045,983	353.0	219,953,316	35,486,368	184,466,948	519.8
51	Wyoming.....	167,189,081	67,477,407	99,711,674	147.8	88,908,276	23,434,010	65,474,266	279.4
52	Colorado.....	191,471,806	161,045,101	30,426,705	20.5	262,822,205	90,341,523	272,480,682	301.0
53	New Mexico.....	459,447,990	53,767,824	165,680,166	196.6	98,806,497	17,323,709	81,482,788	470.4
54	Arizona.....	75,123,970	29,993,847	45,130,123	150.5	42,349,737	11,416,460	30,933,277	271.9
55	Utah.....	150,793,201	75,175,141	75,620,060	100.6	99,482,164	40,126,560	59,355,604	147.0
56	Nevada.....	60,399,365	28,673,833	31,725,530	110.6	35,276,590	13,275,620	22,000,970	165.7
PACIFIC:									
57	Washington.....	637,543,411	144,040,547	493,502,864	342.6	517,421,998	99,310,510	418,111,488	421.0
58	Oregon.....	528,243,782	172,761,287	355,482,495	205.8	411,676,820	113,137,890	298,538,282	263.9
59	California.....	1,614,694,584	796,227,935	818,166,629	102.7	1,317,195,448	630,444,960	686,750,488	108.9

¹ Includes Indian Territory.

# FARMS AND FARM PROPERTY.

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## AND PERCENTAGES OF INCREASE, BY DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (-) denotes decrease.]

	BUILDINGS.				IMPLEMENTS AND MACHINERY.				LIVE STOCK.			
	1910	1900	Increase.		1910	1900	Increase.		1910	1900	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
1	\$6,325,451,528	\$3,556,639,496	\$2,768,812,032	77.8	\$1,285,149,783	\$749,775,970	\$515,373,813	68.7	\$4,925,173,610	\$3,075,477,703	\$1,849,695,907	60.1
2	336,410,384	244,806,945	91,603,439	37.4	50,798,826	36,531,820	14,247,006	39.0	97,896,823	74,826,332	23,070,491	30.8
3	980,628,698	729,609,850	251,558,248	34.5	107,480,384	116,253,270	51,227,114	44.1	349,159,535	245,635,518	103,524,017	42.1
4	1,642,292,480	939,573,600	702,718,820	74.8	208,806,550	166,094,220	102,112,330	61.3	976,329,922	604,633,707	371,696,215	61.5
5	1,562,104,957	758,405,725	803,699,232	106.0	368,935,544	197,367,810	171,567,740	86.9	1,551,706,967	927,343,633	579,364,454	69.6
6	603,068,799	300,528,682	296,558,117	96.7	98,230,147	53,318,804	44,911,257	84.2	366,034,152	194,862,808	172,171,344	88.6
7	411,570,975	225,627,372	185,943,623	84.4	75,339,333	48,767,235	26,572,098	54.5	569,034,607	213,320,732	155,713,875	73.0
8	412,498,332	185,105,506	227,392,846	122.8	119,720,377	77,925,060	41,795,327	53.6	589,837,078	403,138,495	186,698,583	46.3
9	145,026,777	54,534,862	90,471,915	165.8	49,429,975	18,807,620	30,622,355	162.8	288,746,520	243,836,888	144,909,632	59.4
10	231,832,706	112,966,894	118,865,812	105.2	66,408,647	34,090,025	32,318,622	94.8	235,925,876	123,379,580	112,547,296	91.2
11	73,138,231	47,142,700	25,995,531	55.1	14,490,533	8,802,720	5,687,813	64.6	25,161,839	17,106,034	8,955,805	52.1
12	41,397,014	34,625,000	6,771,414	19.6	5,877,657	5,163,950	714,567	13.8	11,910,478	10,554,646	1,355,832	12.8
13	54,202,948	37,257,715	16,945,233	45.5	10,168,687	7,538,490	2,630,197	34.9	22,642,765	17,841,317	4,801,449	26.9
14	88,636,149	71,048,880	17,542,269	24.7	11,565,894	8,828,950	2,734,944	31.0	20,741,366	15,798,464	4,942,902	31.3
15	12,922,879	9,703,490	3,219,389	33.2	1,781,407	1,270,270	511,137	40.2	3,276,472	2,509,569	682,813	26.3
16	66,113,163	44,988,560	21,129,603	47.0	6,916,648	4,948,300	1,968,348	39.8	14,163,902	10,822,212	3,321,690	29.6
17	476,998,001	336,959,960	140,038,041	41.6	83,644,822	56,006,000	27,638,822	49.3	183,900,844	125,583,715	57,507,129	45.8
18	92,991,332	69,230,080	23,761,272	34.3	13,109,507	9,330,030	3,779,477	40.5	24,588,639	17,612,020	6,976,019	39.6
19	410,638,745	322,879,810	87,758,935	27.2	70,726,055	50,917,240	19,808,815	38.9	141,480,052	103,439,183	39,040,869	38.1
20	368,257,594	219,451,470	148,806,124	67.8	51,210,071	36,354,150	14,855,921	40.9	107,332,112	125,954,616	17,377,496	56.7
21	266,079,021	154,101,880	111,977,171	72.7	40,999,541	27,330,370	13,669,171	50.0	173,860,101	109,680,761	64,309,340	58.4
22	432,381,422	251,467,580	180,913,842	71.9	73,724,074	44,977,310	28,746,764	63.9	308,804,431	158,758,037	115,046,394	59.7
23	285,879,951	158,947,700	126,382,191	79.9	49,916,285	28,795,380	21,129,965	73.3	137,838,795	79,042,644	58,761,151	74.3
24	289,694,462	155,004,760	134,089,492	86.2	52,856,579	29,237,019	23,619,569	81.1	118,529,483	96,327,649	62,201,834	61.6
25	243,339,399	110,220,415	133,118,984	120.8	32,829,165	30,099,230	22,229,935	73.9	161,641,346	89,063,097	72,578,649	81.5
26	455,405,671	240,802,810	214,602,621	89.1	95,477,948	57,960,669	37,517,288	64.7	303,003,196	278,830,096	114,173,100	40.0
27	270,221,997	148,508,499	121,713,507	82.0	50,873,994	28,032,689	22,371,514	77.9	283,839,108	160,540,004	125,299,174	78.0
28	92,276,613	25,428,330	66,848,183	262.9	43,967,985	14,065,560	29,892,033	212.4	108,249,866	42,430,491	65,819,375	155.1
29	102,474,056	30,926,300	71,347,767	231.3	33,786,973	12,218,080	21,568,293	176.5	127,229,200	65,173,432	62,055,768	95.2
30	198,807,622	91,064,120	107,753,502	118.3	44,248,708	24,940,450	19,309,288	77.4	222,222,004	146,949,587	76,272,417	52.9
31	199,579,599	111,465,160	88,114,439	79.1	48,310,161	29,490,580	18,819,581	63.8	233,523,577	190,366,930	62,506,641	32.8
32	18,217,822	10,667,229	7,550,662	70.8	3,206,095	2,150,560	1,055,535	49.1	6,817,123	4,111,054	2,706,069	65.8
33	7,285,599	54,810,760	23,474,749	42.8	11,859,771	8,161,229	3,248,551	37.7	32,570,134	20,855,877	11,714,270	56.2
34	1,037,303	1,575,700	-536,367	-34.1	92,330	136,060	-43,710	-32.1	152,840	125,326	27,514	22.0
35	137,399,159	70,963,129	66,456,030	93.8	18,115,883	9,911,060	6,204,843	82.8	74,894,438	42,025,737	32,864,701	78.2
36	37,315,198	34,626,560	23,288,633	68.4	7,011,513	5,940,420	1,971,093	33.1	43,336,073	30,571,259	12,764,814	41.8
37	113,449,662	52,700,080	60,759,582	115.3	18,441,619	9,972,609	9,369,019	103.3	62,640,984	30,706,173	32,545,811	108.1
38	64,113,227	26,655,679	37,157,557	137.8	14,108,833	6,629,770	7,479,063	112.8	29,199,859	24,931,522	4,931,522	123.4
39	108,591,071	44,544,600	63,964,227	142.7	20,948,066	9,804,010	11,144,046	113.7	80,363,903	35,200,507	45,163,406	128.4
40	24,407,924	9,976,822	14,431,102	144.6	4,446,007	1,963,210	2,482,797	126.5	20,601,187	11,166,016	9,425,171	84.4
41	150,994,755	90,887,460	60,107,295	66.1	20,851,846	15,301,860	5,549,086	36.3	117,486,662	73,739,106	43,747,556	59.3
42	109,106,804	63,136,960	45,969,844	72.8	12,292,171	15,232,670	6,669,501	39.8	110,760,078	60,818,605	49,887,473	82.0
43	71,309,416	34,432,613	36,856,804	107.0	16,290,004	8,675,900	7,614,104	87.8	65,594,834	36,105,739	29,480,035	81.7
44	80,163,600	37,150,340	43,009,660	115.8	16,965,312	9,550,808	7,348,507	76.9	75,247,033	42,637,222	32,589,811	76.4
45	63,145,363	30,075,520	33,069,843	110.0	16,884,198	8,750,060	8,114,138	92.7	74,058,292	37,483,771	36,574,521	97.6
46	49,741,173	33,400,400	16,340,773	48.9	18,977,033	28,536,790	-9,559,747	-33.5	44,699,485	28,869,500	15,829,979	54.8
47	89,610,556	121,406,775	68,203,781	318.9	27,068,866	110,512,495	16,576,371	157.7	152,432,792	106,208,263	56,224,529	58.8
48	216,001,260	100,222,811	109,778,449	109.5	56,790,260	30,125,705	26,614,555	88.5	318,646,500	240,576,935	78,069,554	32.5
49	24,854,628	9,365,530	15,489,098	165.4	10,539,633	3,671,900	6,867,733	187.0	85,963,187	52,161,833	33,501,354	64.2
50	25,122,590	6,831,815	18,290,694	267.6	10,476,051	3,295,045	7,181,006	217.9	49,775,309	21,637,924	28,117,335	129.8
51	9,607,061	3,531,520	5,475,481	155.0	3,068,294	1,360,000	2,302,294	168.5	65,005,510	30,945,317	26,459,633	87.6
52	45,696,656	16,002,512	29,644,144	185.6	12,791,601	4,746,755	8,044,846	169.5	70,161,344	39,154,311	20,207,033	60.5
53	13,624,502	3,565,105	9,459,397	265.3	4,122,312	1,151,610	2,970,702	258.0	43,494,679	31,727,400	11,767,279	37.1
54	4,935,573	2,296,500	2,669,073	117.8	1,787,790	765,200	1,022,590	133.6	26,050,870	15,545,687	10,505,183	67.6
55	18,063,168	10,651,790	7,411,378	69.6	4,468,178	2,922,550	1,545,628	52.9	28,781,691	21,474,241	7,307,450	34.0
56	4,332,740	2,340,090	1,992,650	85.2	1,976,096	888,560	6,87,536	77.4	19,213,930	12,619,565	7,044,365	57.9
57	54,546,459	10,299,200	38,247,259	234.7	16,709,844	6,217,630	10,498,214	166.4	48,865,110	22,159,207	26,705,903	120.5
58	45,890,207	19,199,694	24,680,513	128.5	13,205,645	6,906,725	6,098,920	103.0	59,461,828	33,917,048	25,544,780	75.3
59	133,406,040	77,468,000	55,938,040	72.2	36,468,158	21,811,670	15,181,458	71.2	127,599,338	67,303,325	60,296,613	89.6

**Average value of farm property per acre of land.**—Much more significant than comparisons between states and divisions with respect to the total value of farm property are comparisons of the average value of farm property per acre of land in farms. Table 12 shows for each division and state the average value, per acre of farm land, of all farm property and of each class.

In the average value of all farm property per acre of farm land the geographic division which ranks highest is the East North Central, the average in that division being \$85.81. The Middle Atlantic division is next (\$68.52 per acre), followed by the West North Central (\$58.18), Pacific (\$54.17), and New England (\$43.99) divisions in the order named. In the Mountain division, as well as in each of the three southern divisions, the average value of farm property per acre falls between \$20 and \$30.

The average value of land itself per acre ranges from \$61.32 in the East North Central division to \$16.06 in the West South Central. The values are much lower in New England, the three southern divisions, and the Mountain division than in the other four divisions.

The southern divisions of the country in general show greater percentages of increase in the value of

all farm property per acre of farm land during the past decade than the northern divisions. The West South Central division outranks all others in this respect, with an increase of 147.2 per cent. The two most westerly divisions, Mountain and Pacific, rank next in percentage of increase, followed by the South Atlantic and the West North Central. In all five of the divisions just named the average value of all farm property per acre of land was more than twice as high in 1910 as in 1900. The lowest rate of increase, 33 per cent, was in the Middle Atlantic division.

The principal factor in the increase of the value of farm property as a whole has been the increase in the value of land per acre. In five of the nine geographic divisions—namely, the four west of the Mississippi River, together with the South Atlantic—the average value of land in farms per acre was more than twice as high in 1910 as in 1900; in the Mountain division it was more than three times as high. In the East North Central and East South Central divisions the increase in value of farm land per acre exceeded 75 per cent. The lowest percentages of increase were in the Middle Atlantic and New England divisions—24.5 per cent and 40.5 per cent, respectively.

**Table 11**

SECTION.	AVERAGE VALUE OF ALL FARM PROPERTY PER ACRE.				LAND.		BUILDINGS.			IMPLEMENTS AND MACHINERY.			LIVE STOCK.				
	1910		1900		Increase.		1910		1900		Per cent of increase.	1910		1900		Per cent of increase.	
	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	1910	1900	1910	1900		Per cent of increase.	1910	1900	Per cent of increase.		
United States.....	\$46.64	\$24.37	\$22.27	91.4	\$32.40	\$15.57	\$16.83	168.1	\$7.20	\$4.24	69.8	\$1.44	\$0.89	61.8	\$5.60	\$3.67	52.6
The North.....	66.46	37.77	28.09	76.0	46.26	24.48	21.78	99.0	14.63	6.98	56.6	2.07	1.35	53.3	7.20	4.96	45.2
The South.....	25.31	11.73	13.22	114.7	16.72	7.08	3.94	136.2	4.03	1.98	103.5	0.83	0.59	96.9	3.74	2.54	57.0
The West.....	40.93	18.28	22.65	123.9	30.86	12.01	18.85	157.0	3.49	1.79	89.9	1.04	0.56	85.7	5.63	3.92	48.6
East of the Mississippi.....	52.11	30.72	21.39	60.6	33.56	16.29	14.27	74.0	10.85	6.66	62.9	1.80	1.15	56.5	5.90	3.63	62.5
West of the Mississippi.....	42.74	19.43	23.31	120.0	31.58	12.67	18.91	149.3	4.59	2.36	94.5	1.18	0.70	68.6	5.40	3.70	45.9

The average value of all farm property in the North, as shown in Table 11, is equal to \$66.46 for each acre of land in farms, in the South to \$25.31, and in the West to \$40.93. The South shows a decidedly higher percentage of increase in the average during the past decade than the North.

The average value of land per acre is shown by counties in the map on page 275. It should be noted that the averages are based only on land in farms. Each county as a whole is shaded according to the average value per acre of land in farms, even though only a small proportion of the county may actually be occupied by farm land. There are, for example, certain counties in the West in which, usually because of irrigation, the average value of land in farms exceeds \$100 per acre, but in which less than one-fifth of the total area is in farms. Somewhat similar conditions appear in several counties in Florida and a few elsewhere. Comparison should therefore be made between this map and the map on page 272 showing the proportion of the total land area of each county which is occupied by farms.

**Average value of farm property per farm.**—Table 13, on page 280, shows the average value per farm of all farm

property and of each class, and also, as a means of judging the significance of the figures, the average acreage and improved acreage per farm.

Owing to the combined effect of large average size of farms and high average value of farm property per acre, the Pacific and West North Central divisions conspicuously lead all others in average value of all farm property per farm, the average for the Pacific division being \$14,643. On account of the large average acreage of farms, the Mountain division ranks next to the West North Central in average value of farms and, on account of the high average value of farm property per acre, the East North Central ranks next. In the South Atlantic and East South Central divisions the average values per farm—\$2,654 and \$2,094, respectively—are very much lower than those in the other divisions, the farms themselves being small and their average value per acre comparatively low. If each plantation in the South were treated as a single farm, the average value of property per farm would be considerably higher than shown in the table.

In every division the average value of farms has increased greatly since 1900; in the West North Central division it has more than doubled.



## FARM LAND AND FARM PROPERTY—AVERAGES PER FARM, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 13

DIVISION OR STATE.	AVERAGE ACRES PER FARM.				AVERAGE VALUE PER FARM.									
	All farm land.		Improved land.		All farm property.		Land.		Buildings.		Implements and machinery.		Live stock.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>United States</b> .....	138.1	146.2	75.2	72.2	\$6.44	\$3.563	\$4.476	\$2,276	\$994	\$620	\$199	\$131	\$719	\$536
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.....	104.4	107.1	38.4	42.4	4,393	3,333	2,024	1,477	1,782	1,276	269	190	579	390
Middle Atlantic.....	92.2	92.4	62.6	63.4	6,319	4,759	3,122	2,064	1,501	358	229	745	506	
East North Central.....	105.0	102.4	79.2	76.3	9,007	5,004	6,437	3,498	1,402	827	239	147	869	532
West North Central.....	206.6	189.5	148.0	127.9	12,195	5,488	9,067	3,670	1,407	715	332	186	1,398	917
South Atlantic.....	93.3	108.4	43.6	47.9	2,654	1,311	1,094	935	542	319	88	55	330	202
East South Central.....	78.2	89.9	42.2	44.5	2,994	1,424	1,273	784	349	250	72	54	354	236
West South Central.....	179.3	253.8	61.8	52.7	4,069	2,146	2,889	1,264	437	245	127	103	625	534
Mountain.....	324.5	457.9	86.8	82.9	9,381	5,934	6,402	2,803	791	538	209	186	2,129	2,406
Pacific.....	276.3	334.8	116.1	132.5	14,643	7,864	11,829	5,953	1,221	798	450	241	1,242	871
<b>NEW ENGLAND:</b>														
Maine.....	104.9	106.2	39.3	40.3	3,320	2,064	1,441	832	1,219	795	241	148	419	289
New Hampshire.....	120.1	123.1	34.3	36.7	8,833	2,927	1,646	1,211	1,530	1,181	217	176	440	360
Vermont.....	142.6	147.0	50.0	47.2	4,445	3,270	1,785	1,384	1,657	1,125	311	228	652	839
Massachusetts.....	77.9	83.4	31.5	34.3	6,123	4,843	2,859	2,305	2,401	1,885	313	234	562	419
Rhode Island.....	83.8	92.9	33.7	34.1	6,234	4,909	2,836	2,411	2,442	1,765	337	251	619	472
Connecticut.....	81.5	85.8	36.9	39.5	5,944	4,205	2,693	1,940	2,466	1,069	258	184	528	406
<b>MIDDLE ATLANTIC:</b>														
New York.....	102.2	92.9	68.8	68.8	6,722	4,718	3,283	2,431	2,212	1,486	388	247	849	554
New Jersey.....	76.9	89.0	55.9	57.1	7,610	5,470	3,707	2,694	2,777	1,998	391	269	734	508
Pennsylvania.....	84.8	86.4	57.8	58.9	5,715	4,090	2,875	2,566	1,873	1,440	323	227	645	457
<b>EAST NORTH CENTRAL:</b>														
Ohio.....	88.6	88.5	70.7	69.5	6,994	4,333	4,727	2,953	1,354	793	188	132	725	455
Indiana.....	98.8	97.4	78.6	75.2	8,396	4,410	6,164	3,099	1,235	694	190	123	807	494
Illinois.....	120.1	124.2	111.4	104.9	15,505	7,588	12,270	5,732	1,717	952	293	170	1,226	734
Michigan.....	91.5	86.4	62.0	58.0	5,361	3,396	2,973	2,084	1,381	782	241	142	666	389
Wisconsin.....	118.9	117.0	67.2	66.2	7,978	4,781	5,148	3,125	1,636	916	299	172	895	567
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....	177.3	169.7	125.8	119.2	9,456	5,100	6,527	3,616	1,558	713	335	195	1,065	576
Iowa.....	156.3	151.2	135.9	130.8	17,259	8,023	12,910	5,097	2,098	1,053	440	253	1,811	1,220
Missouri.....	124.8	119.3	88.7	80.4	7,405	3,626	5,216	2,441	975	521	183	100	1,031	564
North Dakota.....	382.3	342.9	275.1	212.8	13,109	5,631	9,822	3,824	1,241	561	500	310	1,456	936
South Dakota.....	335.1	362.4	203.8	214.5	15,018	5,654	11,625	3,996	1,320	588	435	232	1,039	1,238
Nebraska.....	297.8	268.1	188.0	151.7	16,068	6,155	12,450	4,004	1,333	749	341	205	1,714	1,196
Kansas.....	244.0	240.7	168.2	144.7	11,467	4,992	8,648	3,074	1,122	644	272	170	1,426	1,103
<b>SOUTH ATLANTIC:</b>														
Delaware.....	95.9	110.1	65.8	77.8	5,830	4,201	3,224	2,454	1,681	1,101	296	222	629	434
Maryland.....	103.4	112.4	68.6	76.4	5,849	4,448	3,341	2,616	1,600	1,191	242	187	666	454
District of Columbia.....	27.9	31.6	23.7	22.1	39,062	42,882	33,152	36,060	4,781	5,850	426	506	704	466
Virginia.....	105.9	118.6	63.6	60.1	3,397	1,927	2,145	1,195	747	423	98	59	460	250
West Virginia.....	103.7	114.7	37.1	39.2	3,255	2,196	2,142	1,446	593	366	73	54	448	329
North Carolina.....	88.4	101.3	34.7	37.1	2,119	1,041	1,352	632	447	235	73	40	247	134
South Carolina.....	76.6	90.0	34.6	37.2	2,223	989	1,523	642	363	174	80	43	256	130
Georgia.....	92.6	117.5	42.3	47.2	1,995	1,016	1,273	616	374	200	72	44	276	157
Florida.....	105.0	106.9	36.1	37.0	2,863	1,321	1,874	755	488	244	89	48	412	274
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.....	85.6	93.7	55.4	58.6	2,986	2,007	1,819	1,241	583	387	80	65	453	314
Tennessee.....	81.5	90.6	44.3	45.6	2,490	1,519	1,110	899	444	281	87	68	450	271
Alabama.....	78.9	92.7	36.9	38.8	1,408	804	825	449	271	154	62	39	250	162
Mississippi.....	67.6	82.6	32.8	34.4	1,354	925	926	520	292	168	62	44	274	183
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	81.1	93.1	37.6	38.9	1,864	1,015	1,146	588	294	168	79	49	345	219
Louisiana.....	86.6	96.4	43.8	40.2	2,449	1,712	1,558	929	413	288	157	246	371	240
Oklahoma.....	151.7	212.9	92.3	179.4	4,828	12,370	3,413	1,853	471	198	142	197	801	683
Texas.....	209.1	357.2	65.5	55.6	5,311	2,733	3,909	1,680	503	285	136	85	763	631
<b>MOUNTAIN:</b>														
Montana.....	516.7	885.9	138.9	129.9	13,339	8,815	8,651	3,939	945	700	402	275	3,268	3,901
Idaho.....	171.5	183.4	90.2	80.9	9,911	3,850	7,140	2,031	815	391	340	188	1,616	1,240
Wyoming.....	777.6	1,333.0	114.3	130.0	15,217	11,071	8,092	3,848	800	579	334	234	5,971	6,423
Colorado.....	293.1	383.6	93.2	92.1	10,645	6,520	7,858	3,658	990	648	277	192	1,520	2,027
New Mexico.....	315.9	416.8	41.1	26.6	4,469	4,367	2,770	1,407	365	290	116	81	1,219	2,577
Arizona.....	135.1	233.2	38.0	43.8	8,142	5,163	4,890	1,965	535	390	194	132	2,823	2,670
Utah.....	156.7	212.4	63.1	63.2	6,857	3,878	4,590	2,070	833	549	206	151	1,328	1,108
Nevada.....	1,009.6	1,174.7	279.7	262.3	22,462	13,129	13,119	6,079	1,611	1,071	586	407	7,145	5,572
<b>PACIFIC:</b>														
Washington.....	208.4	256.0	113.4	104.4	11,346	4,338	9,208	2,991	971	491	297	189	870	667
Oregon.....	256.8	281.0	93.9	92.9	11,609	4,821	9,048	3,157	964	536	299	182	1,307	946
California.....	316.7	397.4	129.1	164.9	18,308	10,980	14,935	8,691	1,513	1,068	414	294	1,447	928

1 Includes Indian Territory.

In the North, as shown in Table 14, the average value of a farm with its equipment in 1910 was \$9,507, as compared with \$2,897 in the South and \$12,155 in the West. The West leads the other two sections in the average value per farm of land, of implements and machinery, and of live stock, but the average value of buildings per farm is highest in the North. The average value of a farm is nearly twice as high for the territory west of the Mississippi as for that east of the river, the excess being due to the difference in the average size of farms. In spite of the lower average size of farms, it should be noted that the average value

of buildings per farm is higher east of the Mississippi River than west.

Table 14

SECTION.	ALL FARM PROPERTY.		LAND.		BUILDINGS.		IMPLEMENTS AND MACHINERY.		LIVE STOCK.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
	United States . . . . .	\$6,444,433,563	\$4,476,82,276	\$996,3620	\$119,1311	\$774,5536				
The North . . . . .	9,357,5,030	6,618,3,292	1,564,930	296	1,800,1,029	690				
The South . . . . .	2,897,1,639	1,931,978	901,274	85	69	428	309			
The West . . . . .	12,155,7,059	9,162,4,630	1,099,690	210	218	1,673,1,512				
East of Mississippi . . . . .	4,849,3,067	3,122,1,926	1,010,665	168	115	549	362			
West of Mississippi . . . . .	9,300,4,448	6,672,2,902	969,540	249	139	1,140	847			

FARMS AND FARM PROPERTY: 1850 TO 1910.

United States as a whole.—Table 15 shows, for the United States as a whole, the population, number and acreage of farms, and value of farm property at each census from 1850 to 1910. In considering this table it should be noted that some of the figures are not entirely comparable. There have been some variations from census to census in the definition of farm land and of improved farm land. Moreover, in some of the Western states, land which was formerly free public range, and as such utilized more or less extensively for grazing, has from time to time been brought under private ownership without involving any considerable change in the character or extent of the agricultural operations. This transfer of unimproved grazing land from public to private ownership tends to reduce the proportion of improved land to total land

in farms. Again, the comparability of the figures regarding the number of farms is affected by the changes in respect to the management of plantations in the South which followed the Civil War. Prior to the war plantations were ordinarily worked by slave or hired labor and were reported as single units, while after the war they came more and more to be parceled out to tenants, whose holdings are reported by the census as separate farms, even though they may be operated under a thoroughgoing supervision on the part of the owner of the plantation or his representative. Notwithstanding these qualifications, however, the data presented in the table are sufficiently comparable to indicate in a broad way the agricultural progress of the country during the past 60 years.

FARMS, FARM LAND, AND FARM PROPERTY OF THE UNITED STATES: 1850 TO 1910.

Table 15

	1910	1900	1890	1880	1870	1860	1850
Population . . . . .	91,972,266	75,994,575	62,947,714	50,155,783	38,558,371	31,443,321	23,191,876
Number of farms . . . . .	6,361,502	5,737,372	4,564,641	4,008,907	2,659,985	2,044,077	1,449,073
Land area of the country . . . . . acres.	1,903,289,600	1,903,461,760	1,903,337,600	1,903,337,600	1,903,337,600	1,903,337,600	1,884,375,080
Land in farms . . . . . acres.	878,798,225	838,591,774	628,218,619	539,081,853	407,735,041	407,212,588	293,560,614
Improved land in farms . . . . . acres.	478,451,750	414,498,487	357,616,755	284,771,042	188,921,099	108,110,720	113,032,614
Average acreage per farm . . . . .	138.1	145.2	136.5	133.7	153.3	199.2	202.6
Average improved acreage per farm . . . . .	75.2	72.2	78.3	71.0	71.0	79.8	78.0
Per cent of total land area in farms . . . . .	46.2	44.1	32.7	28.2	21.4	21.4	15.6
Per cent of land in farms improved . . . . .	54.4	49.4	57.4	53.1	46.3	40.1	38.5
Per cent of total land area improved . . . . .	25.1	21.8	18.8	15.0	9.9	8.6	6.0
Value of farm property, total . . . . .	\$40,991,449,990	\$30,439,901,164	\$16,082,267,689	\$12,180,501,538	\$8,944,857,749	\$7,980,493,063	\$3,967,343,580
Land and buildings . . . . .	34,801,125,697	16,618,647,491	13,279,232,649	10,197,096,716	7,444,034,662	6,645,045,007	3,271,575,426
Implements and machinery . . . . .	1,265,149,783	749,725,970	404,247,467	400,520,655	270,913,678	246,118,141	151,587,638
Domestic animals, poultry, and bees . . . . .	4,923,173,610	3,076,477,703	2,398,787,573	1,576,884,707	1,229,899,609	1,089,329,915	544,180,516
Average value of all property per farm . . . . .	\$6,444	\$5,363	\$3,523	\$3,038	\$3,363	\$3,904	\$2,738
Average value of all property per acre of land in farms . . . . .	\$46.61	\$37.37	\$25.81	\$22.7	\$21.94	\$19.69	\$13.51
Average value of land and buildings per acre . . . . .	\$59.60	\$19.81	\$21.31	\$19.0	\$18.26	\$16.32	\$11.14

Table 16, on page 282, shows the increase since 1850 in the number of farms, in the total farm acreage, in improved farm acreage, and in the value of farm property.

The greatest increase in the number of farms and also in the improved farm acreage took place in the decade 1870 to 1880, but the greatest increase in the total farm acreage was in the decade 1890 to 1900, and by far the greatest increase in the value of farm property was in the last decade, 1900 to 1910.

Comparisons of the two 30-year periods show that, while from 1850 to 1880 the agricultural industry more than kept pace with the population, it has on the whole failed to do so since 1880. The population increased 116.3 per cent between 1850 and 1880, and improved farm land increased 151.9 per cent; but from 1880 to 1910 population increased 83.4 per cent and improved farm land only 68 per cent. It is possible that the figures for acreage of farms and improved acreage in 1880 are, in some measure, out of line with

those for both the earlier and the later censuses, as the definitions used at that census were unusually broad, but the degree of incomparability, if any, is not sufficient to affect materially the general conclusions just stated.

Table 16

PERIOD.	INCREASE.				
	Population.	Number of farms.	Acreage.		Value of farm property.
			Land in farms.	Improved land in farms.	
1800-1810 .....	15,977,691	524,130	40,206,553	63,953,263	\$30,551,547,926
1800-1890 .....	13,046,861	1,172,731	215,373,155	56,881,732	4,357,635,475
1880-1890 .....	12,791,931	555,734	87,136,784	72,845,713	3,901,706,151
1870-1880 .....	11,597,412	1,346,922	128,346,784	92,849,913	3,255,643,789
1850-1870 .....	7,115,050	616,908	622,503	25,810,379	964,364,686
1850-1860 .....	8,251,445	595,004	113,651,924	50,078,105	4,013,149,483
1880-1910:					
Amount .....	41,816,483	2,322,595	342,716,490	193,660,708	28,810,947,552
Per cent. ....	83.4	58.7	61.9	68.0	236.5
1850-1880:					
Amount .....	26,963,907	2,559,534	242,521,221	171,778,428	8,213,157,938
Per cent. ....	116.3	176.6	82.6	131.9	216.0
1850-1910:					
Amount .....	68,780,390	4,912,429	585,237,711	365,419,136	37,024,105,510
Per cent. ....	296.6	339.0	199.4	323.3	933.2

The proportion of the total area of the country represented by farm land has steadily increased from census to census. It was 15.6 per cent in 1850 and 46.2 per cent in 1910. The most marked increase in this percentage took place between 1890 and 1900, and was due largely to bringing into farms great areas of land which had formerly been free public range. The proportion of farm land improved increased steadily from 38.5 per cent in 1850 to 57.4 per cent in 1890, but because of the fact just stated it fell off by 1900, and even in 1910 was somewhat lower than in 1890, being 54.4 per cent. The proportion of the total land area of the country represented by improved farm land has risen steadily from 6 per cent in 1850 to 25.1 per cent in 1910.

The average size of farms fell from 202.6 acres in 1850 to 133.7 acres in 1880, this decline being due in part to the breaking up of plantations in the South, previously referred to. From 1880 to 1900, on account of the inclusion in large ranches of land which had formerly been free public domain, the average size of farms increased somewhat, reaching 146.2 acres in 1900, since which time it has again decreased on account of the breaking up of ranches and the further subdivision of plantations in the South. The average acreage of improved land per farm has been comparatively stationary from census to census; it was 78 acres in 1850 and 75.2 acres in 1910.

The value of farm property in 1910 was considerably more than ten times as great as in 1850, but more than half of the total increase has taken place in the last decade alone. The increase in farm values was very rapid from 1850 to 1860, and from that time was more gradual until 1900.

The average value of farm property per acre of land in farms in 1910 was nearly three and one-half times as great as in 1850. The increase was very rapid from 1850 to 1860, but was comparatively slight during the next three decades. The average was actually lower in 1900 than in 1890, but an extraordinary increase appeared at the census of 1910.

Farms and farm property, by geographic divisions.—Tables 17 and 18 show the changes with regard to farms and farm property in each of the nine geographic divisions from 1850 to 1910. In considering these tables, due regard should be given to the conditions above referred to as affecting the comparability of the statistics.

The most conspicuous feature of the statistics in these tables is the movement of agriculture toward the West. New England has actually less improved land in farms at present than it had in 1850. The acreage of farm land and of improved land in the Middle Atlantic division reached its maximum in 1880 and has since declined. The East North Central division showed very rapid increases from 1850 to 1880, but only a moderate increase since that time. The acreage of farm land in the South Atlantic division was less in 1910 than in 1860, although improved land had increased appreciably. On the other hand, the four divisions west of the Mississippi have shown, as might be expected, extraordinary increases from census to census.

In the average acreage of land per farm remarkable changes have taken place in the South and in the West. On account chiefly of the division of plantations into tenant holdings, the average farm in the three southern divisions combined was less than one-half as large in 1880 as it had been in 1850. The average size of farms in the Mountain division increased rapidly from 1850 to 1900 on account of the bringing of previously public land into large ranges. On the other hand, in the Pacific states, or more specifically in California, great tracts of land were already in 1850 included in privately owned ranches, and these have from time to time been broken up, reducing the average size.

The most striking feature of the table with regard to farm values is the decline in such values in the Southern states between 1860 and 1870, due to the disastrous effect of the Civil War. On the other hand, in the Northern states quite generally there was a decided increase in the value of farm property during the decade of the war. It was not until 1900 that the aggregate value of farm property in the East South Central division again reached the figure reported in 1860, and the recovery in the South Atlantic division took almost as long. The marked decline in the average value of a farm with its equipment in the Southern states after 1860 was partly due to the decline in the value of property per acre following the war and partly to the breaking up of plantations.

FARMS, LAND IN FARMS, AND POPULATION, WITH INCREASES, AND AVERAGES AND PERCENTAGES, BY GEOGRAPHIC DIVISIONS: 1850 TO 1910.

[A minus sign (-) denotes decrease.]

Table 17 GEOGRAPHIC DIVISION.	POPULATION.		NUMBER OF FARMS.		ALL LAND IN FARMS.		IMPROVED LAND IN FARMS.		PER CENT OF TOTAL IN EACH DIVISION.			Per cent of farm land in improved land.		AVERAGE ACRES PER FARM.	
	Number.	Per cent of increase.	Number.	Per cent of increase.	Acres.	Per cent of increase.	Acres.	Per cent of increase.	Number of farms.	All farm land.	Improved farm land.	Per cent of total farm land.	All farm land.	Improved farm land.	
<b>UNITED STATES</b>	91,972,288	21.0	6,361,502	10.9	878,798,325	4.8	478,451,750	15.4	100.00	100.00	100.00	46.2	54.4	138.1	75.2
1900	78,894,878	20.7	5,737,372	25.7	858,991,774	34.6	414,498,467	15.9	100.00	100.00	100.00	44.1	49.4	146.2	72.2
1890	62,947,714	25.5	4,584,641	13.9	626,218,619	16.3	357,618,755	25.6	100.00	100.00	100.00	32.7	57.4	138.5	78.3
1880	56,158,733	30.1	4,096,907	52.7	536,061,835	31.5	287,741,942	50.7	100.00	100.00	100.00	28.2	53.1	132.7	71.0
1870	38,536,311	23.6	2,659,985	30.1	407,755,641	0.1	167,851,028	15.8	100.00	100.00	100.00	21.4	48.3	103.3	71.0
1860	31,445,321	35.6	2,044,077	41.1	407,212,538	38.7	183,110,720	44.3	100.00	100.00	100.00	21.4	40.1	119.2	78.8
1850	23,191,876		1,449,074		285,560,614		113,652,614		100.00	100.00	100.00	15.6	38.5	202.6	78.9
<b>GEOGRAPHIC DIVISIONS</b>															
<b>NEW ENGLAND.</b>															
1910	6,552,681	17.2	188,802	-1.6	19,714,931	-4.1	7,254,904	-10.8	2.97	2.24	1.52	49.7	36.8	104.4	38.4
1900	5,592,017	19.0	191,888	1.0	20,546,989	4.0	8,134,403	24.3	3.34	2.45	1.96	51.8	39.6	107.1	42.4
1890	4,700,749	21.2	189,161	-0.8	19,738,584	-8.0	10,738,880	-18.9	4.16	3.17	3.00	49.8	34.4	100.0	56.4
1880	4,010,529	15.0	207,232	14.7	21,483,772	9.6	11,148,466	9.6	5.17	4.01	4.62	54.2	61.2	103.7	63.0
1870	3,482,242	11.2	180,649	-1.8	19,269,863	-2.7	9,600,000	-6.7	6.79	4.83	6.35	49.3	61.3	108.3	66.4
1860	2,135,283	14.9	183,942	9.7	20,116,322	9.5	11,255,771	9.6	9.60	6.44	8.40	54.0	67.0	120.6	66.4
1850	2,728,116		167,651		18,367,458		15,110,500		11.57	6.26	9.86	46.3	60.7	109.6	66.5
<b>MIDDLE ATLANTIC</b>															
1910	9,315,892	28.0	468,379	-2.5	43,191,056	-3.7	29,320,894	-4.8	7.36	4.91	6.13	67.5	67.9	92.2	62.6
1900	15,454,678	21.6	485,618	3.6	40,860,090	4.4	30,796,211	-2.6	8.46	5.35	7.43	70.1	68.6	92.4	63.0
1890	12,705,229	21.0	734,058	-4.2	36,983,911	-4.1	29,770,994	-4.9	9.47	6.90	8.84	72.5	67.2	101.7	64.4
1880	10,496,878	19.1	488,907	1.1	46,501,808	14.1	33,237,167	7.7	12.20	8.67	11.67	72.7	71.5	95.7	65.4
1870	8,816,806	18.1	420,946	10.5	43,174,521	5.4	29,119,645	8.8	18.83	10.59	15.41	67.5	67.4	102.6	69.2
1860	7,438,985	26.4	380,933	18.3	40,870,623	11.3	28,756,140	17.4	18.64	10.06	16.41	64.9	63.3	107.5	70.3
1850	5,898,735		322,103		36,795,377		22,859,574		22.23	12.53	20.18	57.5	62.0	114.2	70.8
<b>EAST NORTH CENTRAL</b>															
1910	18,296,621	14.2	1,123,489	-1.1	117,929,148	1.4	88,947,228	2.6	17.66	13.42	18.59	74.0	75.4	105.0	79.2
1900	16,078,300	19.0	1,136,791	0.0	116,546,917	10.9	86,700,271	10.7	13.87	10.17	13.87	70.4	70.4	104.8	78.1
1890	13,478,305	20.3	1,069,631	2.4	108,788,833	(-)	78,774,642	4.2	22.10	16.97	22.03	67.4	73.5	104.6	79.2
1880	11,206,668	22.8	985,273	29.3	105,784,212	21.0	78,599,847	37.7	24.58	17.73	26.54	67.4	71.5	107.4	76.7
1870	9,124,517	31.7	704,793	29.8	87,430,622	20.3	58,599,846	33.3	28.64	21.45	29.66	65.7	62.8	114.8	79.1
1860	6,925,884	33.1	586,717	59.4	72,696,843	44.8	41,186,414	79.8	28.70	17.85	25.25	46.7	56.7	123.9	70.2
1850	4,523,260		368,177		50,188,875		22,912,190		28.41	17.10	20.27	32.0	45.7	136.3	62.2
<b>WEST NORTH CENTRAL</b>															
1910	11,637,921	12.5	1,169,948	4.6	232,648,121	15.7	164,284,862	21.1	17.45	23.47	34.34	71.2	70.6	209.6	148.0
1900	10,347,423	15.8	1,060,744	46.0	201,668,713	33.3	135,643,828	28.6	18.49	20.97	32.72	61.5	67.5	189.5	127.9
1890	8,862,112	45.1	814,791	28.4	158,800,169	49.0	105,517,479	72.3	30.64	24.20	29.50	46.1	70.0	164.8	115.3
1880	7,507,157	29.8	712,445	29.7	142,445,247	36.9	93,748,278	38.8	45.47	32.78	38.88	45.2	64.8	142.5	104.5
1870	3,856,594	77.7	363,343	38.9	91,765,877	47.1	35,569,863	111.4	13.66	12.70	12.44	15.8	45.4	142.5	64.7
1860	2,169,832	146.5	185,448	167.1	55,202,747	181.7	11,122,283	195.2	9.07	8.64	6.82	7.7	31.6	189.0	60.0
1850	880,538		69,420		12,467,616		3,768,788		4.79	4.26	3.33	7.8	30.2	180.0	54.5
<b>SOUTH ATLANTIC</b>															
1910	12,194,895	16.8	1,111,881	15.6	103,782,255	-0.5	46,479,273	5.2	17.48	11.51	10.13	60.3	46.7	93.3	43.6
1900	10,443,480	17.9	982,225	28.4	104,297,506	4.1	46,100,228	10.6	16.87	11.22	10.44	60.6	46.2	108.4	47.9
1890	8,857,922	16.6	749,600	16.3	100,157,573	-1.2	41,677,371	15.2	16.42	16.07	11.65	58.2	41.6	133.6	55.6
1880	7,597,157	29.8	644,429	72.3	101,419,533	12.4	38,170,331	19.8	16.67	18.92	12.70	38.9	35.7	157.4	56.1
1870	5,853,610	9.1	374,102	15.3	90,213,055	-16.3	36,292,991	-13.5	14.66	12.22	13.59	32.4	33.8	241.1	80.7
1860	5,364,703	14.7	301,940	21.7	106,520,771	14.0	34,900,942	16.8	14.77	20.16	21.01	61.9	32.8	352.8	116.9
1850	4,679,090		248,190		93,401,610		30,099,323		17.13	31.82	26.55	54.2	32.1	376.3	110.6
<b>EAST SOUTH CENTRAL</b>															
1910	8,409,901	11.4	1,042,480	15.4	81,520,629	0.3	43,946,846	9.2	16.39	9.28	9.19	71.0	53.9	78.2	42.2
1900	7,547,757	17.4	905,313	37.7	81,247,643	2.8	46,237,457	12.6	17.74	9.69	9.71	70.7	49.5	89.9	44.5
1890	6,155,994	26.1	835,999	52.2	76,193,911	10.9	39,770,890	19.0	19.19	12.05	9.99	64.2	52.2	103.8	52.7
1880	5,585,151	26.8	569,739	53.2	70,487,957	15.9	30,820,882	23.3	24.21	14.34	10.82	66.9	40.1	134.9	44.1
1870	4,464,445	9.5	371,968	37.2	66,223,611	-11.3	24,218,478	-6.5	13.98	16.27	12.82	57.7	36.5	178.3	61.3
1860	4,026,901	16.6	271,150	21.4	74,776,655	22.7	25,841,024	26.1	17.27	18.36	15.87	62.0	37.5	273.5	65.5
1850	2,363,271		225,450		58,561,870		19,023,415		15.42	19.55	16.83	51.0	32.5	262.1	85.1
<b>WEST SOUTH CENTRAL</b>															
1910	8,784,334	34.5	945,186	24.9	169,149,976	-4.2	58,264,273	46.5	14.83	10.25	12.18	61.5	34.4	179.3	61.8
1900	8,826,292	36.1	734,638	7.5	176,491,912	127.9	60,770,590	3.0	15.19	21.05	9.99	64.2	32.8	203.8	82.7
1890	4,740,983	42.2	431,006	36.0	77,448,835	36.8	30,559,654	11.0	9.44	12.43	8.55	28.2	29.5	179.7	70.9
1880	3,324,220	64.2	316,959	127.9	56,027,272	71.5	18,885,889	176.3	7.90	10.56	6.07	26.0	15.5	178.7	59.0
1870	2,029,465	16.2	139,600	46.1	33,419,658	-25.3	9,820,999	-4.4	8.92	8.16	5.94	12.0	12.7	207.4	48.8
1860	1,747,667	85.9	99,223	128.9	44,216,310	131.7	7,341,292	143.4	4.85	10.86	4.00	16.6	13.6	445.6	74.0
1850	940,251		45,378		19,082,366		3,615,531		2.99	6.50	2.67	6.9	15.8	439.9	69.5
<b>MOUNTAIN.</b>															
1910	2,633,317	57.3	183,446	81.0	59,533,439	28.3	15,615,902	89.4	2.88	6.77	3.33	10.8	26.7	234.5	86.8
1900	1,674,667	38.0	101,327	36.1	46,297,212	214.2	9,462,576	53.9	1.77	5.53	2.03	8.4	18.1	407.9	82.9
1890	1,213,935	83.9	49,398	37.3	14,705,862	76.4	5,460,739	1							

VALUE OF FARM PROPERTY WITH INCREASES, AND AVERAGE VALUE PER FARM, AND PER ACRE OF FARM LAND, BY GEOGRAPHIC DIVISIONS: 1850 TO 1910.

[A minus sign (-) denotes decrease.]

Table 18

GEOGRAPHIC DIVISION.	ALL FARM PROPERTY.			LAND AND BUILDINGS.			IMPLEMENTS AND MACHINERY.			LIVE STOCK.			
	Value.	Per cent of increase.	Average value.	Value.	Per cent of increase.	Average value.	Value.	Per cent of increase.	Average value.	Value.	Per cent of increase.	Average value.	
			Per farm.			Per acre.			Per farm.			Per acre.	Per farm.
<b>UNITED STATES</b>													
1910	940,991,449,090	106.5	\$8,444,846.61	\$74,891,126,697	107.5	\$5,471,431.96	\$1,265,149,753	68.7	\$119,891.44	\$4,926,173,610	60.1	\$774,556.60	
1900	29,453,901,164	27.1	3,563	16,614,647,491	25.1	2,896	19,811	51.7	311	3,975,477,703	33.2	536	
1890	16,032,267,638	32.0	5,522	13,279,252,649	30.2	2,969	21.31	49	1,039	2,368,767,573	44.4	406	
1880	12,180,501,538	36.2	3,938	10,222,976,776	37.0	2,541	19.62	40	101	1,576,884,907	28.2	393	
1870	8,944,857,748	12.1	3,361	7,444,954,469	17.7	2,759	15.26	26	66	1,229,690,129	46.2	362	
1860	7,980,493,063	101.2	3,900	6,945,045,007	103.1	3,284	16.20	26	66	1,089,328,916	100.2	378	
1850	3,967,343,889		2,738	3,271,878,426		2,258	11.14		106	644,180,516		376	
<b>GEOGRAPHIC DIVISIONS</b>													
<b>NEW ENGLAND.</b>													
1910	867,240,457	35.6	4,593	718,544,808	36.0	3,706	36.45	50	2,669	97,896,823	30.8	519	
1900	633,645,910	9.3	3,333	528,267,748	9.9	2,753	25.71	19	1,778	74,820,332	4.4	390	
1890	583,977,812	-12.0	3,681	489,700,178	-17.7	2,477	24.78	7	123	71,914,331	4.1	379	
1880	671,846,058	18.6	3,242	580,681,448	24.0	2,802	27.03	22	107	68,668,077	-13.3	333	
1870	566,353,951	0.9	3,135	468,133,979	1.7	2,591	23.92	16	106	56,177,529	16.7	444	
1860	561,457,417	29.0	4,427	476,393,837	27.9	2,829	23.68	8	86	48,493,016	37.8	373	
1850	435,154,253		2,896	372,348,543		2,221	20.27		77	49,868,692		297	
<b>MIDDLE ATLANTIC.</b>													
1910	2,959,680,022	28.1	6,319	68,532	2,429,949,160	25.3	5,216	56.56	167	489,884	44.1	358	
1900	2,310,856,728	7.3	4,759	51,511	1,948,907,940	-4.9	4,013	43.45	239	2,399	349,159,535	42.1	745
1890	2,384,703,476	-5.5	5,089	55,427	2,049,630,359	-7.8	4,474	47.68	93	199	241,988,143	11.5	516
1880	2,521,723,129	6.3	5,164	51,229	2,000,371,984	7.9	4,662	38.77	121	115	216,972,572	17.0	549
1870	2,381,104,898	28.5	5,637	50,009,019	25.1	4,892	47.69	17	166	230,378,599	32.0	550	
1860	1,892,646,457	51.5	4,968	46,644,638	52.0	4,319	40.17	37	150	189,663,715	50.8	498	
1850	1,249,665,963		3,580	32,986,260		3,361	29.42		128	1,112	125,749,943		390
<b>EAST NORTH CENTRAL.</b>													
1910	10,119,128,060	78.0	9,007	85,81	8,873,991,594	80.6	7,899	75.25	268	2,28	976,329,922	61.5	869
1900	5,683,925,307	19.6	5,094	48,86	4,912,507,409	19.8	4,323	42.25	112	1.43	604,633,707	15.5	532
1890	4,703,367,812	-12.0	4,361	41,88	4,164,648,484	-13.4	4,662	38.77	142	1.35	519,372,572	10.8	484
1880	4,135,388,413	34.5	4,221	39,423	3,629,140,732	37.1	3,633	44.21	147	1.13	409,445,006	14.0	416
1870	3,096,625,976	52.3	4,057	33,34	2,646,744,323	52.5	3,475	30.27	49	1.11	329,163,806	52.0	472
1860	2,025,817,467	111.8	2,189	16,06	1,725,742,838	128.4	2,858	23.88	63	0.97	226,263,728	127.8	382
1850	805,787,277		1,219	16,06	1,042,666,552		1,328	13.38		83	103,715,673		282
<b>WEST NORTH CENTRAL.</b>													
1910	13,535,309,511	132.5	12,195	58,18	11,614,665,870	149.7	10,464	49.92	368	332	1,551,708,097	59.6	1,398
1900	5,820,994,481	64.5	5,488	28,96	5,262,282,968	56.7	4,383	23.14	186	1.08	972,343,643	44.4	917
1890	3,796,511,744	93.2	4,117	24,98	2,968,360,452	97.8	3,433	19.68	137	0.83	672,380,129	88.2	735
1880	1,947,723,549	6.3	3,164	11,29	1,900,300,365	88.5	2,546	47.83	84	1.85	391,374,572	108.3	549
1870	1,018,032,607	105.8	2,802	19,67	804,857,937	104.1	2,215	15.55	102	0.77	174,316,455	106.7	480
1860	491,589,405	234.2	2,667	14,03	394,270,665	392.6	2,126	11.20	20	0.86	84,313,144	256.2	455
1850	108,885,147		1,958	8.71	80,045,035		1,153	6.40		74	41,112		341
<b>SOUTH ATLANTIC.</b>													
1910	2,951,200,779	2.6	2,654	28,44	2,486,436,474	106.1	2,229	23.96	98	220	344,047,847	84.2	330
1900	1,454,031,326	9.0	1,111	13,94	1,206,340,618	83.5	1,254	11.37	53	0.51	194,362,808	20.3	202
1890	1,335,395,489	26.6	1,729	18,41	1,135,319,670	27.2	1,515	11.40	49	0.36	161,631,801	23.8	216
1880	1,055,156,573	42.2	1,634	10,38	891,774,157	46.1	1,389	8.79	30	0.30	150,570,311	58.3	203
1870	740,853,437	-38.6	1,060	9.21	610,428,194	-29.5	1,029	6.77	54	0.22	110,379,598	-52.0	245
1860	1,207,325,444	71.0	3,999	11,33	1,008,613,063	74.9	3,340	9.47	113	0.32	164,716,608	56.6	154
1850	706,205,481		2,845	7.56	576,990,583		2,323	6.17		99	104,961,365		423
<b>EAST SOUTH CENTRAL.</b>													
1910	2,182,774,779	82.5	2,094	26,78	1,738,997,839	86.2	1,668	21.32	75	3.92	309,094,607	73.0	354
1900	1,195,898,790	13.4	1,324	14,72	1,083,780,823	12.8	1,104	11.49	48	0.60	213,320,722	8.9	236
1890	1,057,729,548	13.3	1,168	13,33	947,514,447	21.1	1,262	10.47	31	0.48	186,891,783	38	299
1880	929,223,549	20.0	1,486	10.61	777,018,111	24.7	1,141	11.11	40	0.36	141,881,572	28.8	184
1870	705,674,779	-39.6	1,079	10,64	545,052,020	-41.9	1,401	8.20	19	0.30	142,401,400	-31.3	133
1860	1,169,634,947	356.0	1,153	15.63	929,440,929	149.9	1,426	6.35	32	0.16	207,885,000	105.9	169
1850	494,086,395		2,211	8.44	371,934,322		1,665	6.35		60	100,733,226		451
<b>WEST SOUTH CENTRAL.</b>													
1910	3,838,154,033	136.9	4,469	22,69	3,128,956,882	174.7	3,317	18.50	127	0.71	589,837,476	46.3	625
1900	1,454,031,326	183.8	2,146	16.87	1,188,991,062	188.9	1,969	16.62	117	0.44	403,189,045	108.4	348
1890	833,791,560	84.8	1,859	10,67	612,508,151	101.7	1,421	7.91	31	0.35	196,263,553	62.5	453
1880	445,569,488	129.2	1,407	7.83	303,707,658	125.4	958	5.36	60	0.34	120,757,317	112.9	381
1870	1,011,412,284	-63.0	1,869	14.04	804,336,055	-65.0	1,869	6.88	74	0.11	56,461,318	-39.4	86
1860	563,093,122	232.8	5,070	11.38	384,540,756	237.3	3,876	8.70	29	0.66	89,469,364	217.1	802
1850	151,172,760		3,857	7.92	107,029,651		2,831	5.64		363	50,213,177		650
<b>MOUNTAIN.</b>													
1910	1,757,573,365	192.3	9,381	29.52	1,319,396,872	268.6	7,192	22.16	48	2.92	388,746,590	59.4	1,246
1900	601,264,180	72.0	5,984	12.96	485,891,062	76.0	6,342	7.30	26	0.81	143,836,888	70.2	2,460
1890	349,550,941	153.1	7,076	23.67	108,245,260	248.8	4,019	13.45	16	0.54	143,036,111	134.2	2,896
1880	4,426,323,128	18.8	4,426	33.33	3,894,030,345	23.14	3,141	14.61	3	0.46	61,079,973	328.8	2,444
1870	1,715,627,827	78.2	4,221	11.16	1,496,812,109	81.1	3,896	10.62	11	0.37	64,385,118	71.0	1,536
1860	10,984,059	163.4	1,246	7.04	4,343,981	120.9	493	5.78	51	0.29	6,194,691	203.4	703
1850	4,169,366		892	12.38	1,965,721		429	2.83		35	4,041,597		437
<b>PACIFIC.</b>													
1910	2,780,447,787	149.7	14,643	54.17	2,075,184,254	159.2	13,059	48.28	68	4.08	235,926,676	91.2	1,242
1900	1,113,329,778	74.0	7,964	23.49	958,646,126	6.6	6,751	20.16	21	1.72	123,379,580	20.6	871
1890	1,021,151,537	149.2	10,584	31.40	896,307,499	169.3	9,291	27.57	22	2.22	102,337,367	58.5	1,601
1880	8,944,857,748	12.1	6,783	18.85	7,444,954,469	17.7	5,984	18.64	6	0.64	64,385,118	37.1	1,536
1870	221,359,068	86.8	6,428	13.40	167,377,358	153.3	4,869	11.61	20	0.48	46,896,770	10.0	1,362
1860	112,477,463	819.2	4,351	6.88	164,148,229	883.8	2,569	5.93	3	0.23	42,631,818	715.5	1,649
1850	15,227,304		6,010	2.63	6,723								

## CHAPTER 10.

### TENURE, MORTGAGE INDEBTEDNESS, COLOR AND NATIVITY OF FARMERS, AND SIZE OF FARMS.

**Introduction.**—This chapter shows in condensed form the main results of the Thirteenth Census of the United States, taken as of April 15, 1910, with reference to the tenure of farms, the mortgage indebtedness on farms, the color and nativity of farm operators, and the size of farms, presenting statistics by geographic divisions and states. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

**Definitions.**—One of the most important branches of agricultural statistics is that which relates to the distribution of farms and farm property according to the tenure under which the farm operator holds the land. The three main classes of farm operators, on the basis of tenure, are (1) owners, (2) hired managers, and (3) tenants. In some of the tables a distinction is made between owners who operate their own land exclusively and those who rent additional land, while the class of tenants is subdivided into

share tenants, share-cash tenants, and cash tenants. The following are the definitions of the several classes of farm operators, substantially as furnished to the census enumerators:

**Farm owners** include (1) farmers operating their own land only, and (2) those operating both their own land and some land hired from others.

**Managers** are farmers who are conducting farm operations for the owner for wages or a salary.

**Farm tenants** are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1910 in three classes: (1) *Share tenants*—those who pay a certain share of the products, as one-half, one-third, or one-quarter; (2) *share-cash tenants*—those who pay a share of the products for part of the land rented by them and cash for part, as cash for pasture or garden and a share of all the crops grown on plowed land; and (3) *cash tenants*—those who pay a cash rental or a stated amount of labor or products, such as \$7, 10 bushels of wheat, or 100 pounds of seed cotton per acre. All tenants who did not specify whether they rented for cash or for a share of the products, or both, are tabulated as having "tenure not specified."

#### TENURE OF FARMS.

**Tenure in the United States as a whole: 1910 and 1900.**—Table 1 shows, for the United States as a whole, the number of farms in 1910 classified by

tenure, with corresponding data for 1900 as far as available. It shows also the acreage of the farms in the three main groups.

CLASS OF OPERATOR.	NUMBER OF FARMS.				ALL LAND IN FARMS (ACRES).				PER CENT OF TOTAL.			
	1910	1900	Increase. <sup>1</sup>		1910	1900	Increase. <sup>1</sup>		Number of farms.		Acreage.	
			Number.	Per cent.			Acres.	Per cent.	1910	1900	1910	1900
All farms.....	6,361,502	5,727,372	624,130	10.9	878,758,325	838,591,774	40,206,551	4.8	100.0	100.0	100.0	100.0
Owners.....	3,048,722	3,653,323	295,399	8.1	598,554,617	556,040,051	42,514,566	7.6	62.1	63.7	68.1	66.3
Owning entire farm.....	3,354,857	3,201,947	152,910	4.8	.....	.....	.....	.....	52.7	55.8	.....	.....
Renting additional land.....	593,865	451,376	142,489	31.6	.....	.....	.....	.....	9.3	7.9	.....	.....
Managers.....	58,104	59,085	-981	-1.7	53,730,965	87,518,186	-33,787,321	-38.6	0.9	1.0	6.1	10.4
Tenants.....	2,354,676	2,024,964	329,712	16.3	226,512,843	195,033,537	31,479,306	16.1	37.0	35.3	25.8	23.3
Share.....	1,399,523	1,273,296	255,099	20.9	.....	.....	.....	.....	22.0	22.2	.....	.....
Share-cash.....	128,456	.....	.....	.....	.....	.....	.....	.....	2.0	.....	.....	.....
Cash.....	712,294	.....	.....	.....	.....	.....	.....	.....	11.2	.....	.....	.....
Not reported.....	113,993	751,665	74,622	9.9	.....	.....	.....	.....	1.8	13.1	.....	.....

<sup>1</sup> A minus sign (—) denotes decrease.

In the United States as a whole in 1910 substantially five-eighths (62.1 per cent) of the farms were operated by owners and three-eighths (37 per cent) by tenants, the proportion operated by hired managers being less than 1 per cent. Owners "owning entire farm" are more than five times as numerous as owners "renting additional land." In most cases of share-cash tenancy the share feature is the more important, the principal crops being raised on shares,

while only a small amount of land, usually for a home garden or for pasture, is rented on the basis of cash payment. Share-cash tenants were included with share tenants in 1900, while tenants for whom the form of payment was not specified were included with cash tenants. The share and share-cash tenants, as reported, together constituted substantially two-thirds of the entire number of tenants both in 1910 and in 1900.

Between 1900 and 1910 the farms operated by owners increased 8.1 per cent in number, while those operated by tenants increased 16.3 per cent, the small number operated by managers decreasing 1.7 per cent. It may be noted that at least since 1880 (and probably further back also) the farms operated by tenants have in each decade increased faster than those operated by owners. Tenant farms constituted 25.6 per cent of all farms in 1880; 28.4 per cent in 1890; 35.3 per cent in 1900; and 37 per cent in 1910.

The distribution of acreage of farms according to tenure differs somewhat from the distribution of the

number of farms. Farms operated by owners contained 68.1 per cent of the total acreage in 1910; tenant farms, 25.8 per cent; and farms operated by managers, 6.1 per cent. The acreage of farms operated by owners increased 7.6 per cent during the decade 1900 to 1910, while that of tenant farms increased-16.1 per cent. There was a marked decrease in the total acreage of farms operated by managers.

Main tenure classes, by geographic divisions: 1910 and 1900.—Table 2 shows the number, total and improved acreage, and value of land and buildings of the farms of the three main tenure groups in each geographic division for 1910 and 1900.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY TENURE OF OPERATOR, WITH PERCENTAGES, BY STATES: 1910 AND 1900.

Table 2 DIVISION AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		PER CENT OF TOTAL.				
	1910	1900	1910	1900	1910	1900	1910	1900	Number of farms.		Value of land and buildings.		
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	
<b>UNITED STATES</b>													
Total.....	6,361,302	5,737,372	878,798,328	838,991,774	478,451,750	414,498,487	\$34,801,125,697	\$316,614,647,481	100.0	100.0	100.0	100.0	100.0
Owners.....	3,948,726	3,653,323	538,554,617	536,049,651	309,850,421	278,251,252	22,266,834,278	11,091,392,665	62.1	63.7	68.1	66.3	64.8
Managers.....	9,922	39,083	47,730,862	47,818,192	12,214,015	10,802,809	1,456,838,392	774,928,658	0.2	1.0	6.1	10.4	2.6
Tenants.....	2,354,676	2,064,964	226,512,843	195,623,537	156,287,314	125,375,735	10,977,222,427	4,748,426,170	27.7	33.3	25.8	23.3	32.7
<b>NEW ENGLAND.</b>													
Total.....	188,802	191,888	19,714,931	20,548,996	7,254,904	8,134,403	718,544,808	528,267,747	100.0	100.0	100.0	100.0	100.0
Owners.....	108,408	109,194	17,059,125	17,831,187	6,259,844	6,968,098	579,931,343	433,769,770	89.2	88.2	86.7	86.8	86.3
Managers.....	5,370	4,796	1,087,453	794,065	376,494	306,154	56,660,290	42,482,668	2.8	2.5	5.5	3.9	5.2
Tenants.....	15,613	17,908	1,558,343	1,927,111	618,666	838,941	1,667,800,269	22,015,310	9.8	9.4	8.8	9.4	8.0
<b>MIDDLE ATLANTIC.</b>													
Total.....	468,379	485,618	43,101,056	44,600,000	29,320,804	30,786,211	2,442,940,103	1,948,997,940	100.0	100.0	100.0	100.0	100.0
Owners.....	335,056	334,411	30,283,268	30,522,456	20,288,069	20,652,713	1,924,225,125	1,246,587,320	78.8	79.0	79.1	68.0	69.2
Managers.....	9,922	8,385	1,714,094	1,531,774	610,418	594,790	178,283,753	102,629,209	1.9	1.7	4.0	2.0	1.7
Tenants.....	104,271	122,824	11,103,704	12,535,860	8,122,416	9,528,702	400,381,360	582,780,410	23.3	25.3	25.8	27.7	29.3
<b>EAST NORTH CENTRAL.</b>													
Total.....	1,123,480	1,135,823	117,929,148	116,340,761	88,947,228	86,670,271	8,873,991,594	4,912,597,440	100.0	100.0	100.0	100.0	100.0
Owners.....	809,044	826,313	80,234,320	82,303,234	58,470,020	59,390,428	6,548,809,253	3,257,174,890	72.0	72.8	68.0	70.8	63.7
Managers.....	10,848	11,224	2,534,205	2,271,111	1,455,321	1,444,594	198,347,752	111,249,590	1.0	1.0	2.0	2.0	1.7
Tenants.....	303,597	298,286	35,349,623	31,766,413	29,883,881	25,635,399	2,164,840,585	1,544,182,060	27.0	26.3	30.0	27.3	32.6
<b>WEST NORTH CENTRAL.</b>													
Total.....	1,109,948	1,060,744	232,648,121	201,008,713	164,284,862	135,643,828	11,614,665,870	4,661,282,998	100.0	100.0	100.0	100.0	100.0
Owners.....	738,946	737,910	164,789,963	147,063,913	111,279,585	96,033,533	7,615,880,353	3,228,392,578	68.4	69.6	70.8	73.2	67.7
Managers.....	8,284	8,894	5,045,299	6,591,868	2,726,669	2,420,464	4,006,611,857	1,023,200,190	0.3	0.8	2.2	3.1	2.4
Tenants.....	342,618	314,440	62,852,867	47,358,268	50,278,608	36,019,831	3,999,173,637	1,409,690,220	29.9	29.6	27.0	23.6	27.0
<b>SOUTH ATLANTIC.</b>													
Total.....	1,111,881	962,225	102,782,555	104,297,506	48,479,733	46,100,226	2,486,634,474	1,200,349,618	100.0	100.0	100.0	100.0	100.0
Owners.....	565,154	527,512	69,129,783	68,628,876	28,844,267	27,800,079	1,593,294,281	778,139,238	53.5	54.8	66.6	66.1	59.0
Managers.....	4,936	4,115	3,304,590	3,461,044	1,220,084	1,287,673	125,539,280	69,534,538	0.7	0.9	3.2	3.6	2.3
Tenants.....	510,429	425,598	31,288,682	31,997,626	18,406,382	17,012,514	767,662,903	364,675,940	45.9	44.2	30.1	30.3	36.6
<b>EAST SOUTH CENTRAL.</b>													
Total.....	1,042,480	903,313	81,520,629	81,247,643	43,946,840	40,237,337	3,878,789,823	3,033,789,823	100.0	100.0	100.0	100.0	100.0
Owners.....	510,452	463,686	57,131,972	57,381,476	27,983,922	25,374,099	1,835,732,526	916,577,883	49.0	51.3	70.1	70.0	62.3
Managers.....	4,269	4,086	1,905,467	1,653,450	678,791	640,263	47,597,661	27,529,780	0.3	0.5	2.0	2.0	1.3
Tenants.....	528,758	434,981	22,788,190	22,242,717	15,984,133	14,222,975	555,947,652	289,673,660	50.7	48.1	28.0	27.4	36.4
<b>WEST SOUTH CENTRAL.</b>													
Total.....	943,186	734,833	169,149,976	176,491,292	58,264,273	30,770,530	3,128,986,882	1,138,891,068	100.0	100.0	100.0	100.0	100.0
Owners.....	446,963	379,284	100,353,474	96,801,871	30,885,471	22,792,774	1,767,898,519	639,724,442	46.7	50.2	67.4	64.9	53.0
Managers.....	4,696	4,854	19,698,771	46,299,800	1,626,467	1,514,439	205,183,145	135,034,050	0.3	0.7	11.6	26.2	2.3
Tenants.....	491,588	370,615	49,098,331	33,462,496	25,752,335	15,728,318	1,155,835,218	344,112,363	52.8	49.1	26.7	19.0	44.5
<b>MOUNTAIN.</b>													
Total.....	183,446	101,327	59,538,420	46,397,284	15,915,002	8,402,576	1,319,996,873	338,619,672	100.0	100.0	100.0	100.0	100.0
Owners.....	104,834	85,591	42,265,930	25,543,922	12,152,588	6,324,997	972,132,339	247,084,613	87.7	84.4	71.0	55.1	70.4
Managers.....	2,912	2,117	1,038,725	10,513,116	1,134,083	1,134,083	118,047,720	57,848,720	0.2	2.0	15.6	35.6	9.2
Tenants.....	19,660	12,469	6,263,765	4,339,309	2,590,451	1,011,029	46,830,927	16,712,210	10.1	12.2	10.5	4.4	14.4
<b>PACIFIC.</b>													
Total.....	180,891	141,581	51,328,789	47,399,570	22,038,098	15,733,105	2,478,146,254	955,860,181	100.0	100.0	100.0	100.0	100.0
Owners.....	131,933	109,512	33,276,880	29,600,601	14,286,058	12,099,623	1,848,838,342	633,942,216	80.7	79.9	64.8	62.4	64.8
Managers.....	5,222	4,160	7,900,611	8,588,005	2,100,808	1,807,798	287,084,382	130,825,680	2.8	2.9	15.4	18.0	9.8
Tenants.....	43,736	27,908	10,151,318	9,201,318	5,650,452	4,845,682	511,003,530	216,004,210	17.1	19.7	19.8	19.5	25.6

As respects the proportion which tenant farms form of the total number of farms, the divisions fall into three groups. The three southern divisions (South Atlantic, East South Central, and West South Central) have a high proportion of tenant farms, the proportion in 1910 exceeding 50 per cent in the last two divisions named. In three of the northern divisions (the West North Central, East North Central, and Middle Atlantic) the number of tenant farms is also comparatively large, the proportion varying in 1910 from 30.9 per cent in the West North Central division to 22.3 per cent in the Middle Atlantic. In the two western divisions (the Pacific and Mountain) and in the New England division the proportion was much lower, ranging from 17.2 per cent in the Pacific division to 8 per cent in the New England.

In the southern divisions the average size of tenant farms is much smaller than that of farms operated by owners, so that the proportion which the total acreage of tenant farms forms of the total acreage of all farms in these divisions is not materially different from the proportion in the Middle Atlantic, East North Central, and West North Central divisions.

The number of farms operated by managers is small in all of the divisions, the highest proportion being in the New England and Pacific divisions, 2.8 per cent in each case. In the Mountain, Pacific, and West South Central divisions however, the acreage of farms

operated by managers is of considerable importance, constituting 18.5 per cent, 15.1 per cent, and 11.6 per cent, respectively, of the total acreage in farms.

In the East North Central and West North Central divisions, which constitute the most important farming divisions of the country, and also in the three divisions constituting the South, the tenant farms formed a larger proportion, and farms operated by owners a smaller proportion, of the total number of farms in 1910 than in 1900, but the opposite is true of the New England and Middle Atlantic divisions in the extreme East, and the Mountain and Pacific divisions in the West. The proportion which the acreage of tenant farms represents of the total farm acreage increased in all divisions except the New England, Middle Atlantic, and South Atlantic, which show a decrease in this respect, accompanied, in the Middle Atlantic and South Atlantic divisions, by an increase in the proportion of the acreage in farms operated by owners. This latter class of farms also shows an increase in its proportion of the total acreage in the Mountain, Pacific, and West South Central divisions, the farms operated by managers constituting the only class in these divisions which decreased in relative importance as measured by acreage.

Table 3 shows, by divisions, the percentage of increase or decrease in the number and acreage of farms of the three main tenures groups from 1900 to 1910.

DIVISION.	Number of farms.				All land in farms.				Improved land in farms.				Value of land and buildings.			
	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.
United States.....	10.9	8.1	-1.7	16.3	4.8	7.6	-38.6	16.1	15.4	11.4	12.9	24.7	109.5	101.7	88.0	131.2
New England.....	-1.6	-0.5	13.6	-16.4	-4.1	-4.2	36.8	-20.9	-10.8	10.5	22.9	-25.9	36.0	33.7	92.2	9.4
Middle Atlantic.....	-3.5	0.2	8.2	-15.1	-3.7	-6.8	14.1	-12.8	-4.8	-1.8	11.1	-12.9	25.3	27.9	74.7	11.7
East North Central.....	-1.1	-2.1	-3.3	1.8	1.4	-2.6	3.7	11.5	2.6	-1.9	3.4	13.1	30.6	67.6	78.3	168.3
West North Central.....	4.6	2.9	-0.1	9.0	15.7	12.1	-24.1	32.7	21.1	15.2	12.7	37.3	149.7	133.7	95.3	194.4
South Atlantic.....	15.6	12.4	-9.0	19.9	0.5	0.3	-2.8	-1.9	5.2	3.8	-4.5	5.2	106.1	104.8	97.6	110.5
East South Central.....	15.9	10.1	-29.9	21.6	0.3	-0.4	-1.2	2.4	9.2	7.9	-9.9	12.4	86.2	84.2	72.9	91.6
West South Central.....	24.9	16.2	-5.2	34.3	-4.2	7.8	-57.4	34.8	46.5	35.3	14.0	65.0	174.7	168.0	61.9	235.8
Mountain.....	31.9	88.1	-14.8	35.7	28.3	3.3	-33.4	44.4	59.4	92.1	55.5	102.5	289.6	210.0	142.3	339.4
Pacific.....	34.1	38.7	25.4	17.3	8.3	12.4	-7.5	9.6	17.5	18.1	16.2	16.6	159.2	175.0	111.8	150.7

1. A minus sign (-) denotes decrease.

Table 4 shows, by divisions, certain averages and percentages which reflect differences in the characteristics of farms operated by owners, managers, and tenants, respectively.

In the country as a whole the average size in 1910 of farms operated by owners was 151.6 acres; of farms operated by managers, 924.7 acres; and of tenant farms, 96.2 acres. The farms operated by managers are in all geographic divisions materially larger than those operated by owners or tenants, but the excess in the size of farms operated by owners over that of tenant farms, which appears in the average for the country as a whole, is by no means found in all parts of the country. Farms operated by owners are somewhat larger than those operated by tenants in the West North Central division and very much larger in the South, but on the other hand, in the three

more easterly divisions of the North and in the Mountain and Pacific divisions, the tenant farms are the larger, although there is very little difference in New England. Conditions as to relative size were approximately the same in 1900 as in 1910. The average size of farms operated by owners decreased more or less during the decade in all divisions except the West North Central, while that of tenant farms increased somewhat in the Middle Atlantic, East North Central, West North Central, and West South Central divisions.

The ratio which the acreage of improved farm land bears to the total farm acreage is higher in the case of tenant farms than in the case of farms operated by owners in every geographic division, the difference being particularly conspicuous in the South and in the West North Central and Pacific divisions.

TABLE 4 DIVISION AND CLASS OF OPERATOR.	AVERAGE ACRES PER FARM.				PER CENT OF FARM IMPROVED.				AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land in farms.		Improved land in farms.		Improved.		Improved.		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>UNITED STATES</b>												
Total.....	138.1	146.2	75.2	72.2	54.4	49.4	\$5,471	\$2,896	\$35.69	\$19.81	81.95	81.95
Owners.....	151.8	152.7	78.5	76.2	51.8	50.0	5,664	3,036	37.37	19.35	85.85	85.85
Managers.....	93.1	1,431	2.11	1,816.6	22.9	12.5	65,073	13,114	27.12	12.45	4.85	4.85
Tenants.....	96.2	96.3	68.4	61.9	69.0	64.3	4,682	2,545	44.26	25.45	10.35	10.35
<b>NEW ENGLAND.</b>												
Total.....	104.4	107.1	38.4	42.4	36.8	30.6	3,806	2,753	36.45	25.71	35.25	35.25
Owners.....	105.5	105.4	37.2	41.3	36.3	30.2	3,441	2,563	33.94	24.33	35.25	35.25
Managers.....	202.2	167.7	70.0	64.6	34.6	38.5	15,182	8,970	75.10	53.46	10.35	10.35
Tenants.....	102.5	107.1	41.2	46.5	48.2	45.4	3,762	2,866	37.01	27.65	10.35	10.35
<b>MIDDLE ATLANTIC.</b>												
Total.....	62.2	92.4	62.6	63.4	67.9	68.6	5,236	4,013	56.56	46.45	46.45	46.45
Owners.....	85.3	85.1	57.1	58.3	67.0	67.7	4,490	3,517	52.64	40.84	46.45	46.45
Managers.....	138.8	179,1	106.8	66.0	61.1	53.6	10,652	117,004	67.94	67.94	10.35	10.35
Tenants.....	107.4	104.5	72.9	76.0	72.6	72.7	6,430	4,888	59.89	46.77	10.35	10.35
<b>EAST NORTH CENTRAL.</b>												
Total.....	105.0	102.4	70.2	70.3	75.4	74.5	7,899	4,325	75.25	42.23	42.23	42.23
Owners.....	99.2	109.7	62.3	54.7	72.9	72.3	2,225	3,242	58.84	30.55	42.23	42.23
Managers.....	217.1	202.3	137.7	128.7	65.4	63.6	18,284	9,911	84.23	28.98	42.23	42.23
Tenants.....	116.4	106.3	95.5	85.9	82.0	80.9	10,908	5,177	91.02	48.70	42.23	42.23
<b>WEST NORTH CENTRAL.</b>												
Total.....	209.6	189.5	148.0	127.0	70.0	67.5	10,464	4,855	49.22	23.14	23.14	23.14
Owners.....	217.1	199.3	146.6	133.9	67.5	65.7	10,665	4,416	46.22	22.16	23.14	23.14
Managers.....	597.0	785.3	325.2	238.9	54.5	56.7	23,869	12,175	39.88	15.50	23.14	23.14
Tenants.....	184.4	150.6	149.7	116.5	80.0	77.3	11,089	4,163	69.43	27.39	23.14	23.14
<b>SOUTH ATLANTIC.</b>												
Total.....	63.3	108.4	43.6	47.0	46.7	44.2	2,236	1,254	23.96	11.57	11.57	11.57
Owners.....	116.5	130.7	48.0	52.7	41.7	40.3	2,686	1,475	25.63	11.29	11.57	11.57
Managers.....	493.4	379.9	148.1	141.3	36.5	37.2	15,129	9,970	37.31	18.35	11.57	11.57
Tenants.....	61.5	75.0	36.1	40.0	88.8	83.5	1,994	877	24.53	11.43	11.57	11.57
<b>EAST SOUTH CENTRAL.</b>												
Total.....	78.2	89.9	62.2	64.5	53.9	49.5	1,668	1,034	21.37	11.49	11.49	11.49
Owners.....	111.9	125.6	67.3	54.7	47.9	44.2	2,225	3,242	58.84	30.55	11.49	11.49
Managers.....	487.4	345.7	175.0	136.3	26.1	31.4	14,467	5,862	29.68	16.86	11.49	11.49
Tenants.....	43.1	51.1	30.2	32.7	70.2	63.9	1,050	666	24.36	13.02	11.49	11.49
<b>WEST SOUTH CENTRAL.</b>												
Total.....	179.3	233.8	61.8	62.7	34.4	22.5	3,317	1,500	18.50	6.45	6.45	6.45
Owners.....	236.7	255.2	70.1	60.1	29.6	23.5	2,010	1,739	16.94	6.81	6.45	6.45
Managers.....	4194.7	9,350	3,908	3,322.6	7.2	4.7	43,659	27,262	10.42	2.92	6.45	6.45
Tenants.....	90.6	96.9	62.2	62.4	57.5	47.0	2,322	958	23.62	10.20	6.45	6.45
<b>MOUNTAIN.</b>												
Total.....	324.5	457.9	86.8	82.9	36.7	18.1	7,192	3,842	22.16	7.30	7.30	7.30
Owners.....	262.8	298.8	73.0	74.0	28.8	24.8	6,044	2,773	23.20	9.28	7.30	7.30
Managers.....	4778.8	4,833	2,905	3,277.0	13.4	5.7	45,089	16,068	12.60	3.32	7.30	7.30
Tenants.....	378.1	349.0	116.3	91.1	36.6	26.1	10,879	8,783	34.20	10.75	7.30	7.30
<b>PACIFIC.</b>												
Total.....	270.3	334.8	116.1	113.5	42.9	39.6	13,050	6,751	48.28	20.17	20.17	20.17
Owners.....	219.0	270.3	94.0	110.5	42.9	40.9	10,833	5,515	49.55	20.40	20.17	20.17
Managers.....	1512.6	1,049	462.2	143.9	26.6	21.2	25,609	12,610	38.42	15.91	20.17	20.17
Tenants.....	310.1	324.0	127.0	117.3	59.7	52.3	6,140	7,743	59.35	33.33	20.17	20.17

TABLE 5 DIVISION.	NUMBER OF FARMS OPERATED BY—															
	Owners—				Managers.				Share and share-cash tenants.				Cash and "not reported" tenants.			
	Owning entire farm.		Renting additional land.		Owning entire farm.		Renting additional land.		1910		1900		1910		1900	
<b>United States.....</b>	<b>3,354,839</b>	<b>3,201,947</b>	<b>583,225</b>	<b>451,376</b>	<b>58,104</b>	<b>59,085</b>	<b>1,528,389</b>	<b>1,399,323</b>	<b>128,466</b>	<b>1,273,298</b>	<b>826,287</b>	<b>712,294</b>	<b>113,993</b>	<b>751,665</b>		
New England.....	179,839	140,554	5,869	21,650	5,379	4,736	2,827	2,611	216	4,936	826,287	12,188	8,787	2,011		
Middle Atlantic.....	229,423	332,844	25,613	21,657	9,072	8,381	57,190	54,808	2,232	69,488	47,081	40,688	6,133	53,899		
East North Central.....	677,239	715,258	131,805	113,665	10,848	11,224	204,263	170,712	33,551	208,121	84,082	15,252	95,165			
West North Central.....	550,066	524,500	178,890	153,330	5,394	5,891	218,079	167,098	50,983	301,473	124,339	102,883	21,656	112,567		
South Atlantic.....	524,558	480,619	71,909	49,809	8,298	9,115	309,698	299,481	10,117	252,599	200,331	176,617	24,134	174,690		
East South Central.....	438,977	418,387	71,475	45,239	2,900	4,094	320,478	307,923	12,555	244,778	208,200	192,252	16,008	190,133		
West South Central.....	368,835	338,114	72,050	41,176	4,496	4,984	301,365	274,372	16,993	274,677	186,229	84,191	22,929	95,338		
Mountain.....	145,029	77,046	15,815	4,335	3,212	3,417	10,964	10,849	615	6,679	8,726	5,661	3,065	4,730		
Pacific.....	131,211	93,551	20,722	15,991	5,225	4,166	13,725	12,521	1,204	13,851	10,008	15,863	3,145	14,652		

to make active use, and therefore hire relatively little unimproved land. In every division the percentage of improved land in the farms operated by managers is lower than in those operated by owners, this condition being closely related to the fact, already noted, that the farms of managers are generally much larger than other farms.

Chiefly because they consist more largely of improved land, the tenant farms have in every geographic division a higher average value of land and buildings per acre of land than the farms operated by owners. Furthermore, the average value of land and buildings per farm is greater for tenant farms than for farms operated by owners, except in the three southern divisions, where the tenant farms are considerably smaller than those operated by owners.

Number of farms for all tenure groups, by divisions: 1910 and 1900.—Table 5 shows, for 1910 and 1900, by divisions, the number of farms in each of the major and minor tenure groups.

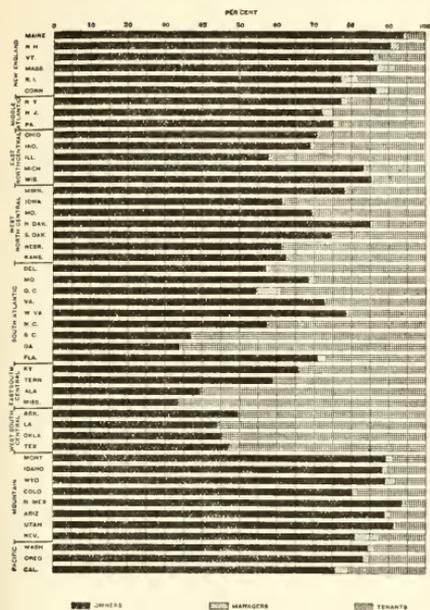
Farms operated by owners "owning entire farm" greatly outnumber those operated by owners "renting additional land" in all divisions; the difference is less conspicuous in the West North Central division, where there were nearly one-third as many of the latter class in 1910 as of the former.

In every division the farms operated by owners "renting additional land" increased in numbers between 1900 and 1910, while in every division except the Mountain and Pacific the farms operated by owners "owning entire farm" either decreased or increased less rapidly than did those of the former group. It seems to be an increasing practice of farmers to extend the farms they operate by renting land in addition to what they own.

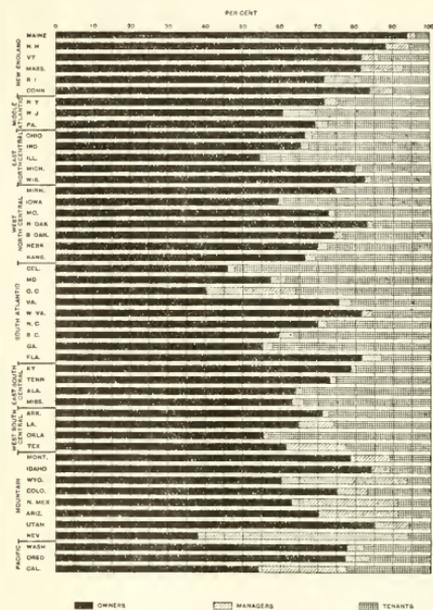
In every geographic division except the New England and Pacific divisions (in both of which the total number of tenants is comparatively small) the number of share tenants materially exceeds the number of cash tenants, the difference being still more conspicuous if the share-cash tenants are counted with those having exclusively a share tenure.

This condition is due probably to the fact that tenants in most cases rent only that land of which they expect

NUMBER OF FARMS, CLASSIFIED BY CHARACTER OF TENURE OF OPERATOR: 1910.



ACREAGE OF ALL LAND IN FARMS, CLASSIFIED BY CHARACTER OF TENURE OF OPERATOR: 1910.



The proportion of farms under share tenancy is highest in the West South Central division, where such farms (including those of share-cash tenants) in 1910 constituted 78.7 per cent of all tenant farms. In all of the divisions constituting the North and the West there was a greater increase (or less decrease) during the decade in the number of cash tenants (including those for whom the form of tenure was not reported) than in the number of

share and share-cash tenants, but in each of the three divisions constituting the South the opposite was true.

Tenure, by states: 1910 and 1900.—Table 6, on the two following pages, shows, for each state, the principal facts with regard to the number, total and improved acreage, and value of land and buildings of farms of the three general tenure groups, for 1910, with certain comparative data for 1900.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY TENURE OF OPERATOR, BY STATES: 1910 AND 1900.

Table 6 STATE AND CLASS OF OPERATOR.	NUMBER OF FARMS.			IMPROVED LAND IN FARMS (ACRES).	VALUE OF LAND AND BUILDINGS.	STATE AND CLASS OF OPERATOR.	NUMBER OF FARMS.			IMPROVED LAND IN FARMS (ACRES).	VALUE OF LAND AND BUILDINGS.
	1910	1900	1900	1910	1910		1910	1900	1900	1910	1910
<b>New England.</b>											
<b>MAINE.</b>											
Total.	60,016	59,299	6,296,889	6,299,946	2,360,657						
Owners.	56,454	55,607	5,915,822	5,918,922	2,222,452						
Managers.	999	977	136,931	126,337	5,375,709						
Tenants.	2,563	2,715	234,136	254,887	84,533						
<b>NEW HAMPSHIRE.</b>											
Total.	27,053	29,274	3,249,458	3,609,864	629,185						
Owners.	24,489	26,450	2,863,633	3,186,413	829,301						
Managers.	581	689	209,623	169,308	6,767,632						
Tenants.	1,979	2,135	176,202	254,143	57,994						
<b>VERMONT.</b>											
Total.	32,709	33,104	4,663,577	4,724,440	1,633,965						
Owners.	29,065	27,669	3,816,466	3,833,611	1,331,497						
Managers.	535	615	308,538	331,447	7,928,955						
Tenants.	4,108	820	638,141	759,280	229,584						
<b>MASSACHUSETTS.</b>											
Total.	36,917	37,715	3,975,941	3,147,064	1,164,501						
Owners.	32,078	33,683	3,343,103	2,646,113	931,621						
Managers.	1,851	1,531	359,914	224,034	139,286						
Tenants.	2,979	3,501	201,924	266,917	52,574						
<b>RHODE ISLAND.</b>											
Total.	5,292	5,498	443,308	455,602	178,344						
Owners.	4,987	4,182	318,362	335,354	127,964						
Managers.	231	298	44,436	28,790	15,914						
Tenants.	934	1,108	80,610	91,548	34,466						
<b>CONNECTICUT.</b>											
Total.	26,815	26,948	2,185,788	2,312,083	988,252						
Owners.	23,274	22,765	1,831,967	1,910,774	827,669						
Managers.	794	949	778	104,667	61,458						
Tenants.	2,632	3,267	217,332	296,642	99,635						
<b>Middle Atlantic.</b>											
<b>NEW YORK.</b>											
Total.	215,397	226,720	22,680,367	22,648,100	14,844,689						
Owners.	166,674	168,698	16,824,840	15,815,967	10,660,157						
Managers.	4,051	3,819	828,476	712,436	411,430						
Tenants.	44,872	54,203	5,067,051	6,119,706	3,805,946						
<b>NEW JERSEY.</b>											
Total.	33,487	34,650	5,272,887	2,840,966	1,803,336						
Owners.	24,133	23,434	3,022,906	1,624,766	1,105,612						
Managers.	1,064	861	227,540	250,292	106,258						
Tenants.	8,294	10,355	783,611	965,908	591,466						
<b>PENNSYLVANIA.</b>											
Total.	218,296	224,248	18,596,832	19,371,016	12,673,519						
Owners.	164,229	162,270	12,885,522	13,081,723	8,576,291						
Managers.	2,286	1,920	648,268	539,456	371,654						
Tenants.	51,105	58,066	5,063,042	5,750,246	3,725,274						
<b>East North Central.</b>											
<b>OHIO.</b>											
Total.	272,045	276,719	24,105,708	24,001,983	19,227,969						
Owners.	192,104	197,361	16,031,682	16,060,711	12,724,672						
Managers.	2,737	3,427	504,636	564,883	349,442						
Tenants.	78,204	75,931	7,569,390	7,606,611	6,153,855						
<b>INDIANA.</b>											
Total.	215,485	221,897	21,299,833	21,671,219	13,911,292						
Owners.	148,501	156,227	13,678,625	13,098,566	10,943,297						
Managers.	2,286	1,920	648,268	539,456	371,654						
Tenants.	64,687	63,448	6,972,940	6,606,611	6,644,940						
<b>ILLINOIS.</b>											
Total.	231,872	264,151	32,522,937	32,738,248	23,522,792						
Owners.	145,107	168,300	17,787,063	17,671,002	15,003,192						
Managers.	2,286	1,920	648,268	539,456	371,654						
Tenants.	104,379	103,698	14,177,411	12,668,745	12,556,664						
<b>MICHIGAN.</b>											
Total.	206,960	203,261	18,940,614	17,561,699	12,832,078						
Owners.	172,316	169,814	15,497,404	14,768,277	10,129,139						
Managers.	1,451	1,289	359,151	370,343	155,192						
Tenants.	33,193	32,163	3,380,616	3,056,110	2,472,810						
<b>WISCONSIN.</b>											
Total.	177,127	169,738	21,060,659	19,862,727	11,907,676						
Owners.	151,022	145,448	17,309,136	16,614,181	9,626,776						
Managers.	1,451	1,289	359,151	370,343	155,192						
Tenants.	24,654	22,996	3,385,777	2,917,203	2,125,748						
<b>West North Central.</b>											
<b>MINNESOTA.</b>											
Total.	156,137	154,659	27,675,823	26,248,496	19,643,531						
Owners.	122,116	120,369	20,668,885	20,933,967	14,153,503						
Managers.	1,961	2,231	452,504	424,311	217,106						
Tenants.	32,511	32,055	6,553,294	4,988,228	5,204,787						
<b>IOWA.</b>											
Total.	217,044	228,622	33,930,623	34,574,337	29,491,199						
Owners.	183,063	177,307	20,214,337	21,451,768	17,422,256						
Managers.	1,451	1,289	359,151	370,343	155,192						
Tenants.	82,115	79,736	13,225,546	11,623,557	11,674,857						
<b>South Atlantic.</b>											
<b>DELAWARE.</b>											
Total.	10,836	9,687	1,068,866	1,006,238	713,538						
Owners.	6,178	4,680	476,827	428,763	327,077						
Managers.	123	131	21,164	18,146	17,259						
Tenants.	4,535	4,876	500,873	629,319	373,574						
<b>MARYLAND.</b>											
Total.	48,923	46,612	5,057,140	5,170,075	3,354,767						
Owners.	33,519	29,513	2,905,318	2,799,642	1,838,482						
Managers.	983	1,029	207,291	203,754	126,829						
Tenants.	14,416	15,247	1,944,531	2,164,679	1,342,016						
<b>DISTRICT OF COLUMBIA.</b>											
Total.	217	269	6,063	8,489	5,133						
Owners.	118	153	2,428	2,808	2,127						
Managers.	23	29	1,456	2,005	1,263						
Tenants.	84	116	2,179	3,676	1,743						
<b>VERGINIA.</b>											
Total.	184,018	172,886	19,495,636	19,907,883	9,870,528						
Owners.	135,664	114,183	14,715,343	13,815,186	7,471,796						
Managers.	1,623	2,136	660,323	788,638	527,324						
Tenants.	48,729	57,566	4,119,966	5,304,060	2,007,744						
<b>WEST VIRGINIA.</b>											
Total.	96,683	92,871	10,026,442	10,654,313	5,521,757						
Owners.	75,979	71,729	8,184,193	8,629,462	4,695,108						
Managers.	787	1,054	264,502	358,994	133,834						
Tenants.	19,935	20,291	1,537,749	1,766,177	1,000,815						
<b>NORTH CAROLINA.</b>											
Total.	263,726	259,297	23,499,129	22,710,736	8,813,650						
Owners.	245,320	239,572	21,562,323	21,022,030	5,589,783						
Managers.	1,118	1,077	552,377	420,150	198,752						
Tenants.	107,287	93,008	6,380,429	6,968,556	3,117,919						
<b>SOUTH CAROLINA.</b>											
Total.	176,434	153,335	13,212,028	13,065,801	6,997,991						
Owners.	64,330	59,417	8,651,053	8,227,679	2,800,778						
Managers.	863	1,054	547,412	657,700	214,800						
Tenants.	111,221	94,864	4,913,113	5,991,575	5,155,413						
<b>GEORGIA.</b>											
Total.	291,027	294,691	36,953,413	36,292,697	12,608,017						
Owners.	98,628	88,529	14,841,292	15,547,497	4,901,295						
Managers.	1,419	1,692	779,127	797,285	287,560						
Tenants.	190,980	204,570	21,332,994	20,948,915	7,419,772						
<b>FLORIDA.</b>											
Total.	50,016	40,814	5,222,538	4,363,891	1,105,408						
Owners.	35,399	28,984	4,286,541	3,514,900	726,863						
Managers.	1,275	1,010	280,714	288,680	166,436						
Tenants.	13,342	10,820	686,286	646,311	442,107						
<b>East South Central.</b>											
<b>KENTUCKY.</b>											
Total.	259,185	234,667	28,189,127	27,979,422	14,384,471						

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY TENURE OF OPERATOR, BY STATES: 1910 AND 1900—Continued.

Table 6—Contd. STATE AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		STATE AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1910	1910	1910		1910	1900	1910	1900	1910	1910	1910	1910
	<b>East South Central—Continued.</b>																
<b>ALABAMA.</b>																	
Total.....	202,901	223,220	20,732,312	20,685,427	9,693,381	\$288,253,591			Total.....	10,987	6,095	8,543,010	8,124,536	1,256,160	\$97,915,277		
Owners.....	163,929	93,472	13,290,106	13,565,350	4,620,232	106,872,298			Owners.....	9,779	5,183	5,132,881	4,022,941	940,372	71,276,554		
Managers.....	646	874	305,797	361,303	120,099	6,985,693			Managers.....	311	446	2,802,992	3,608,153	139,900	21,184,659		
Tenants.....	158,326	128,874	7,085,409	6,758,776	4,952,250	114,415,600			Tenants.....	897	464	327,437	493,440	125,888	5,454,264		
<b>MISSISSIPPI.</b>																	
Total.....	274,382	220,803	18,557,333	18,240,738	9,008,310	\$34,162,289			Total.....	46,170	24,700	13,332,113	9,474,388	4,302,101	\$68,518,861		
Owners.....	92,060	82,021	11,716,474	11,937,827	4,215,447	171,674,273			Owners.....	36,993	18,239	10,134,797	6,156,841	2,967,897	270,299,493		
Managers.....	625	930	356,511	516,176	168,946	12,802,628			Managers.....	787	889	1,140,446	1,787,515	310,402	25,363,633		
Tenants.....	151,491	137,852	6,254,548	5,766,735	4,624,797	149,688,388			Tenants.....	8,900	5,581	2,296,870	1,530,232	1,033,802	108,965,745		
<b>West South Central</b>																	
<b>ARKANSAS.</b>																	
Total.....	214,678	178,694	17,416,075	15,636,719	8,076,254	\$309,166,813			Total.....	33,338	16,674	7,963,901	2,421,403	1,288,739	\$9,922,725		
Owners.....	106,649	96,735	12,389,342	12,187,317	4,515,122	181,882,010			Owners.....	1,311	483	3,195,759	2,282,612	74,147	20,343,772		
Managers.....	763	819	328,186	419,450	122,659	10,440,663			Managers.....	153	509	1,246,613	1,935,327	350,173	47,285,310		
Tenants.....	107,266	81,140	4,698,347	4,129,752	3,148,433	116,844,140			Tenants.....	1,671	882	3,520,529	1,643,668	867,462	5,890,694		
<b>LOUISIANA.</b>																	
Total.....	120,546	115,969	10,439,481	11,059,127	5,276,016	\$27,544,450			Total.....	21,676	19,387	3,397,699	4,116,951	1,368,211	\$11,455,332		
Owners.....	52,969	47,701	6,766,123	7,167,807	2,865,763	134,121,536			Owners.....	19,762	17,903	2,888,060	2,601,554	1,022,672	101,417,254		
Managers.....	950	1,034	986,537	975,721	414,442	29,802,294			Managers.....	194	311	315,376	928,298	66,462	6,545,237		
Tenants.....	66,607	67,234	2,687,901	2,917,599	1,995,812	73,520,620			Tenants.....	1,720	1,713	194,233	586,099	99,677	9,581,541		
<b>OKLAHOMA.</b>																	
Total.....	190,192	108,000	28,859,353	22,988,339	17,551,337	\$78,677,224			Total.....	2,089	2,184	2,714,757	2,565,647	752,117	\$9,609,339		
Owners.....	83,404	60,209	15,996,796	12,238,431	9,322,163	417,862,362			Owners.....	2,175	1,909	1,032,832	1,461,483	386,135	21,731,515		
Managers.....	651	541	428,679	2,936,411	176,927	8,748,571			Managers.....	181	176	1,324,130	1,062,367	310,527	13,908,493		
Tenants.....	104,157	47,250	12,433,878	7,813,497	8,052,248	312,666,331			Tenants.....	333	249	158,195	101,857	55,458	3,969,331		
<b>TEXAS.</b>																	
Total.....	417,770	352,190	32,435,967	25,867,017	27,360,666	\$1,843,208,395			Total.....	56,192	33,202	11,712,213	8,499,297	6,373,311	\$71,968,457		
Owners.....	193,853	174,639	19,201,614	15,214,901	15,852,422	1,034,014,670			Owners.....	47,963	28,029	9,115,171	6,998,988	4,710,836	480,624,449		
Managers.....	2,332	2,360	1,954,949	4,961,308	722,399	156,091,617			Managers.....	901	668	3,291,082	373,469	159,661	25,414,474		
Tenants.....	219,575	174,991	25,279,104	18,601,648	12,785,845	653,102,108			Tenants.....	7,226	4,777	2,067,982	1,126,810	1,433,014	111,929,543		
<b>Mountain</b>																	
<b>MONTANA.</b>																	
Total.....	26,214	13,370	13,545,093	11,844,554	3,640,369	\$51,625,930			Total.....	45,502	35,837	11,685,110	10,071,328	4,274,803	\$55,576,309		
Owners.....	25,365	11,661	10,640,902	5,631,184	2,894,823	196,211,850			Owners.....	37,796	28,903	9,686,573	7,411,128	3,011,330	\$35,786,072		
Managers.....	908	473	1,429,996	3,851,063	357,840	26,293,068			Managers.....	847	508	766,007	1,162,478	212,812	28,725,693		
Tenants.....	2,344	1,230	1,474,711	802,265	387,696	29,821,063			Tenants.....	6,859	6,306	1,862,733	1,497,722	1,050,641	91,064,544		
<b>IDAHO.</b>																	
Total.....	30,807	17,471	5,283,604	3,204,900	2,778,749	\$45,965,825			Total.....	88,197	72,542	27,931,444	28,828,961	11,889,894	\$1,450,601,485		
Owners.....	27,109	15,383	4,446,313	2,729,463	2,208,114	186,890,545			Owners.....	66,632	52,529	15,125,339	15,189,945	6,464,472	\$82,447,830		
Managers.....	450	357	270,234	189,403	121,814	13,627,913			Managers.....	3,417	3,253	6,604,972	7,002,038	1,728,625	229,544,515		
Tenants.....	3,188	1,529	367,057	280,907	387,821	34,631,367			Tenants.....	18,148	16,760	6,201,133	6,636,968	3,196,797	338,609,241		

Figures for 1900 include Indian Territory.

## FARM MORTGAGES.

The inquiries with reference to mortgage debt at each of the last three censuses related only to those farms which were operated by their owners, and no attempt was made to ascertain the total number of farms which were mortgaged or the total amount of mortgage debt. Tenants or hired managers are not likely to have accurate information as to whether the farms they operate are mortgaged, and still less as to the amount of mortgage debt, and it would be practically impossible, in many cases, to reach the owners of such farms in order to ascertain these facts. In the case of farms of owners who rent additional land, the statement as to the amount of mortgage debt relates only to the land owned by the operator. Such farms are included in all of the statistics dealing with the number of farms mortgaged, but not in those relating to the amount of mortgage debt.

**Number of farms mortgaged.**—The statistics with reference to the number of farms mortgaged for the past three censuses are not precisely comparable, although nearly so. At the census of 1910 questions as to mortgage debt applied to all farms operated by owners, while at the two preceding censuses they applied only to the slightly smaller class of "owned

farm homes"—that is, farms occupied by their owners as homes.

Table 7 shows, for the United States as a whole for the last three censuses, the actual returns with regard to the number of farms or farm homes operated or occupied by their owners which were free from mortgage and mortgaged, respectively.

	Total.	Free from mortgage.	Mortgaged.	Not specified.
1910—Farms operated by owners.	3,948,722	2,588,596	1,312,034	48,092
1900—Owned farm homes.....	3,638,403	2,419,180	1,063,164	126,059
1890—Owned farm homes.....	3,142,746	2,227,969	875,652	39,726

At the census of 1900 there were many more cases of failure to report the presence or absence of mortgage indebtedness than at the census of 1910 or of 1890. While the proportion free from mortgage or mortgaged can be calculated on the basis of the actual reports, it would not be proper to compute the increase in the number of farms in each of these classes without first distributing in proper proportion the farms for which no report was secured between the two groups. This has been done in Table 8, which presents statistics by divisions.

DIVISION.	FARMS OR FARM HOMES OPERATED OR OCCUPIED BY OWNERS.													
	Free from mortgage.						Mortgaged.							
	1910	1900	1890	Increase: <sup>1</sup> 1900-1910		Increase: <sup>1</sup> 1890-1910		1910	1900	1890	Increase: <sup>1</sup> 1900-1910		Increase: <sup>1</sup> 1890-1910	
				Number.	Per cent.	Number.	Per cent.				Number.	Per cent.	Number.	Per cent.
United States.....	2,621,283	2,510,854	2,265,738	110,829	4.4	254,865	11.3	1,327,639	1,127,749	886,957	199,690	17.7	240,792	27.1
New England.....	101,586	108,474	118,717	1,112	1.0	-10,243	-8.6	58,822	56,129	46,738	2,093	4.8	9,391	20.1
Middle Atlantic.....	219,093	214,285	222,497	4,808	2.2	-8,212	-3.7	135,943	144,462	130,770	-8,519	-5.9	15,692	10.5
East North Central.....	378,408	503,421	479,014	-25,013	-5.0	24,497	5.1	330,636	327,799	288,359	2,837	0.9	39,440	13.7
West North Central.....	408,880	406,285	357,069	2,715	0.7	49,166	13.8	349,966	322,852	330,070	27,114	8.4	-7,218	-2.2
South Atlantic.....	481,412	438,097	387,381	45,315	9.9	50,716	13.1	111,742	88,217	31,080	25,525	26.7	57,137	183.8
East South Central.....	394,573	380,866	346,520	13,707	3.6	34,546	10.0	115,879	77,970	16,234	37,903	48.0	61,742	380.3
West South Central.....	305,792	300,369	238,995	-568	-0.2	67,365	28.2	135,113	67,987	11,865	67,126	98.7	56,652	468.7
Mountain.....	127,490	74,896	45,631	52,504	70.1	29,265	64.1	33,444	12,570	7,511	20,874	166.1	5,669	67.4
Pacific.....	96,039	77,999	60,135	18,649	23.1	17,855	29.7	55,894	29,757	24,249	26,137	87.8	5,517	22.8

<sup>1</sup> A minus sign (-) denotes decrease.

Table 9 shows percentages derived from Table 8.

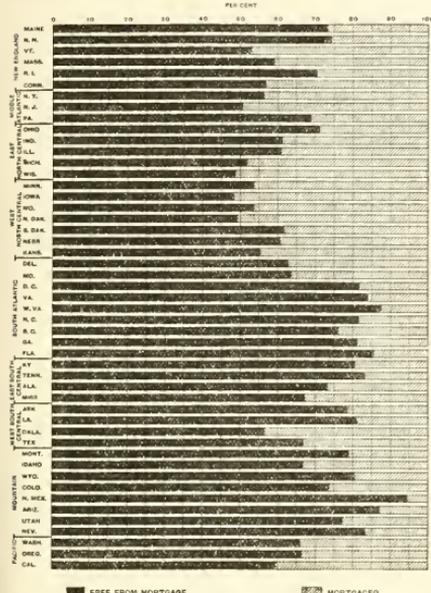
DIVISION.	PER CENT OF ALL FARMS FOR WHICH MORTGAGE REPORTS WERE OBTAINED. <sup>1</sup>					
	Free from mortgage.			Mortgaged.		
	1910	1900	1890	1910	1900	1890
United States.....	66.4	68.9	71.8	33.8	31.1	28.2
New England.....	65.1	65.9	71.8	34.9	34.1	28.2
Middle Atlantic.....	61.7	59.7	63.0	38.3	49.3	37.0
East North Central.....	59.1	60.0	62.4	40.9	39.4	37.6
West North Central.....	53.9	55.7	52.0	46.1	44.3	4.0
South Atlantic.....	81.2	83.2	92.6	18.8	16.8	7.4
East South Central.....	77.3	83.0	95.5	22.7	17.0	4.5
West South Central.....	69.4	81.8	95.2	30.6	18.2	4.8
Mountain.....	79.2	85.9	88.9	20.8	14.4	4.1
Pacific.....	63.2	72.4	71.3	36.8	27.6	28.7

<sup>1</sup> For 1910 based on farms operated by their owners and for 1900 and 1890 on farm homes occupied by their owners.

In making comparisons between geographic divisions and between censuses, it should be borne in mind that the fact of mortgage indebtedness is not necessarily an indication of lack of prosperity. There can be no question but that American farmers generally were more prosperous in 1910 than at the two preceding censuses, and yet in that year a larger proportion of the farms were mortgaged. The proportion of mortgage indebtedness is higher in Iowa and Wisconsin than in any of the other states, and yet these states are among the most prosperous in agriculture. Although in some cases mortgages are placed on farms because of poor crops or other misfortunes or because of mismanagement, they often represent an unpaid portion of the cost of the farm itself or money ex-

pended for additional land or for buildings and other equipment. The conditions in different parts of the country as to land titles and as to availability of public lands for settlement in some cases affect the proportion of farms mortgaged.

NUMBER OF FARMS OPERATED BY THEIR OWNERS, FREE FROM MORTGAGE AND MORTGAGED: 1910.



gaged was 28.2 per cent in 1890, 31.1 per cent in 1900, and 33.6 per cent in 1910.

In 1910 the proportion mortgaged was highest (46.1 per cent) in the West North Central division. The lowest proportions, 18.8 per cent, 22.7 per cent, and 20.8 per cent, respectively, were in the South Atlantic, East South Central, and Mountain divisions.

In every geographic division except the Middle Atlantic the proportion of farms mortgaged was greater in 1910 than in 1900, and in every division except the West North Central the proportion was greater in 1910 than in 1890. The most conspicuous increase in the proportion of farms mortgaged has been in the three southern divisions, and it is very likely that increased confidence of lenders in the titles to land and in the ability of the farmers to pay their debts has had much to do with this change.

**Amount of mortgage debt.**—Table 10 shows, by divisions, for 1910, the number of farms operated by owners owning their entire farm and for which the amount of mortgage debt was reported, together with the total value of the land and buildings of such farms, and the amount of debt. For 1890 it shows the total number of owned farm homes mortgaged (including those of owners who rented additional land), with the value of the land and buildings, and the amount of mortgage indebtedness (including estimates). The census statistics with reference to the amount of mortgage debt do not cover all the mortgaged farms reported.

In some cases the enumerators were able to ascertain that a farm was mortgaged, but were unable to secure a statement of the amount of indebtedness. Further, the statistics relative to the amount of indebtedness do not include the farms operated by owners who rent additional land, which make up a considerable number. In the case of these farms the report as to the amount of debt would necessarily relate only to the land which was owned by the operator, and it would be improper to compare it with the entire value of the farm, including that of the hired land. The total number of mortgaged farms operated by owners, including those who rent additional land, in the United

In the United States as a whole the number of farms or farm homes operated or occupied by their owners which were free from mortgage increased much less rapidly during each of the last two census decades than the number mortgaged. The proportion mort-

DIVISION.	Number.	Value of land and buildings.	Amount of debt.	Ratio of debt to value, per cent.			Average per farm.			Number.	Value of land and buildings.	Amount of debt.	Ratio of debt to value, per cent.			Average per farm.		
				Value.	Debt.	Equity.	Value.	Debt.	Equity.									
United States	1,006,511	\$6,530,236,251	\$1,724,172,651	27.3	\$4,289	\$1,715	\$4,574	896,957	\$3,664,283,165	\$1,083,935,360	35.5	\$3,444	\$1,224	\$3,220				
New England	51,791	183,839,182	48,533,208	31.8	4,417	1,688	2,329	46,728	110,123,269	44,312,143	40.4	2,356	952	1,434				
Middle Atlantic	118,220	516,334,528	178,326,219	34.5	4,368	1,508	2,860	139,779	542,842,412	224,038,777	43.2	4,151	1,794	2,357				
East North Central	237,854	1,035,964,728	459,886,968	39.6	6,227	1,783	4,444	289,359	1,011,288,228	336,156,571	33.2	3,507	1,166	2,341				
West North Central	236,678	2,361,840,476	638,480,562	25.8	9,865	2,568	7,307	339,070	1,014,318,328	341,286,412	33.6	5,074	1,034	2,040				
South Atlantic	86,522	270,317,105	73,597,258	27.2	3,124	831	2,273	31,080	83,823,919	33,065,166	40.2	2,698	1,083	1,615				
East South Central	85,282	205,125,373	59,769,643	29.4	2,382	701	1,681	16,324	28,088,813	12,433,630	43.3	1,757	706	1,051				
West South Central	96,687	484,014,790	121,363,670	25.1	5,036	1,255	3,781	77,852	27,852,864	11,924,689	42.8	3,271	997	1,354				
Mountain	26,721	247,994,132	59,364,185	23.9	9,277	2,221	7,056	7,311	34,200,918	8,955,181	31.8	4,501	1,432	3,109				
Pacific	44,419	437,119,437	106,846,838	24.4	10,291	2,405	7,886	29,240	201,994,022	60,374,981	30.1	8,312	2,499	5,813				

<sup>1</sup> Includes only those reporting value of farm and amount of debt.  
<sup>2</sup> Includes all owned farm homes operated by their owners, with estimates for those with incomplete reports.

## MORTGAGES AND FARM DEBT INDEBTEDNESS, BY DIVISIONS AND STATES.

DIVISION OR STATE.	NUMBER OF FARMS OPERATED BY OWNERS: 1910 <sup>1</sup>				PER CENT REPORTED AS MORTGAGED: <sup>2</sup>			FARMS OPERATED BY OWNERS OWNING ENTIRE <sup>3</sup> FARM: 1910 <sup>4</sup>				RATIO OF DEBT TO VALUE, PER CENT.			
	Total.	Free from mortgages.	Mortgaged.	Not reported.	1910	1900	1890	Num-ber.	Value of land and buildings.	Amount of debt.	Average per farm.			1910	1890
											Value.	Debt.	Equity.		
<b>United States</b> .....	<b>3,945,722</b>	<b>2,588,898</b>	<b>1,312,034</b>	<b>48,922</b>	<b>33.6</b>	<b>31.1</b>	<b>28.2</b>	<b>1,096,511</b>	<b>\$6,330,236,951</b>	<b>\$1,726,172,851</b>	<b>\$6,289</b>	<b>\$1,715</b>	<b>\$4,574</b>	<b>27.3</b>	<b>35.5</b>
<b>GEOGRAPHIC DIVISIONS:</b>															
New England.....	165,038	108,938	58,474	995	34.9	34.1	28.2	53,791	183,826,183	58,535,508	3,417	1,088	2,329	31.8	40.4
Middle Atlantic.....	355,036	217,257	134,803	2,976	38.3	40.3	37.0	118,220	516,334,628	178,326,219	4,368	1,506	2,860	34.5	43.2
East North Central.....	809,044	473,822	327,463	7,769	49.0	39.4	37.6	257,884	2,661,964,728	659,886,962	5,227	1,733	4,444	28.8	33.2
West North Central.....	738,946	404,555	346,182	8,209	46.1	44.3	48.0	236,975	1,605,540,675	480,480,562	9,965	2,568	3,397	25.8	33.6
South Atlantic.....	593,154	474,742	110,198	8,214	18.8	16.8	7.4	86,322	270,317,105	73,597,258	3,124	851	2,273	29.2	40.3
East South Central.....	510,452	388,837	114,195	7,420	22.7	17.0	4.5	85,282	363,125,373	68,480,562	2,382	701	1,681	27.4	43.2
West South Central.....	440,905	299,303	132,252	9,350	30.6	18.2	4.8	96,687	484,014,790	121,365,670	5,006	1,255	3,751	25.1	42.8
Mountain.....	160,544	125,940	33,060	1,844	29.8	14.4	14.1	26,731	247,994,132	59,364,185	9,277	2,221	7,056	23.9	31.8
Pacific.....	151,933	96,202	55,407	1,324	36.8	27.6	28.7	44,419	457,119,437	106,846,838	10,291	2,405	7,886	23.4	30.1
<b>NEW ENGLAND:</b>															
Maine.....	56,454	41,309	14,948	197	26.6	26.7	22.1	13,894	39,774,005	11,738,529	2,963	845	2,088	29.9	36.7
New Hampshire.....	24,463	18,119	6,234	140	25.6	25.5	21.8	5,666	15,457,040	4,773,610	2,782	842	1,946	30.9	38.4
Vermont.....	28,065	14,851	13,140	74	45.9	46.9	44.3	12,138	36,858,601	19,436,691	3,037	1,025	2,012	32.7	41.8
Massachusetts.....	32,075	18,768	13,014	293	49.9	38.6	30.5	12,030	49,742,396	16,471,484	4,135	1,391	2,744	33.9	41.9
Rhode Island.....	4,087	2,811	1,980	96	29.6	27.1	19.1	1,001	4,687,933	1,356,236	464	1,355	2,729	33.2	42.6
Connecticut.....	23,234	13,080	9,958	196	43.2	40.7	31.1	9,962	37,906,308	11,859,468	4,183	1,309	2,874	31.3	40.6
<b>MIDDLE ATLANTIC:</b>															
New York.....	106,674	93,118	72,311	1,245	43.7	45.3	44.2	62,555	284,659,163	97,309,848	4,551	1,556	2,995	34.2	43.6
New Jersey.....	24,133	11,983	11,703	357	49.6	51.9	45.9	10,669	55,507,096	19,476,933	5,204	1,826	3,378	35.1	49.6
Pennsylvania.....	164,229	112,156	59,799	1,374	31.1	31.3	27.4	44,999	175,168,359	61,539,433	3,915	1,366	2,547	34.9	47.0
<b>EAST NORTH CENTRAL:</b>															
Ohio.....	192,104	136,610	54,997	1,491	28.9	28.9	28.9	42,785	220,749,834	63,788,397	5,160	1,491	3,669	28.9	34.3
Indiana.....	148,501	89,847	56,914	1,740	38.8	36.5	33.1	40,168	251,961,241	57,846,682	6,282	1,433	4,849	22.8	30.6
Illinois.....	145,107	89,713	55,792	2,602	39.2	36.7	35.9	35,938	454,857,222	115,799,646	12,314	3,135	9,179	25.5	34.3
Michigan.....	172,310	88,805	82,631	974	45.2	48.3	49.4	68,655	250,874,010	75,997,030	3,654	1,107	2,547	30.3	32.4
Wisconsin.....	151,022	72,941	77,128	952	51.4	48.8	42.9	49,628	427,522,421	146,815,313	6,150	2,116	4,044	30.3	33.3
<b>WEST NORTH CENTRAL:</b>															
Minnesota.....	122,104	66,038	56,145	921	46.3	44.8	46.4	41,775	295,016,775	77,896,283	7,062	1,864	5,198	26.4	31.6
Iowa.....	133,063	63,234	68,045	1,724	51.8	53.0	53.3	50,422	735,265,320	204,242,722	14,574	4,048	10,525	27.9	32.3
Missouri.....	192,285	102,514	88,846	1,285	46.3	42.4	36.4	64,028	389,476,000	112,565,403	6,683	1,758	4,325	28.9	33.3
North Dakota.....	67,212	30,661	31,727	834	50.9	31.4	49.7	19,187	213,642,993	47,841,887	11,135	2,493	8,642	24.2	38.3
South Dakota.....	53,844	30,161	20,691	1,192	38.2	36.7	32.4	11,313	154,749,490	32,771,359	13,679	2,897	10,782	21.2	28.6
Nebraska.....	79,250	47,435	30,839	975	39.4	45.4	32.0	19,778	286,308,520	62,373,472	14,476	3,154	11,322	21.8	32.4
Kansas.....	111,108	60,382	49,249	1,277	44.8	41.8	55.5	30,842	287,682,217	70,819,736	9,430	2,326	7,104	24.7	36.0
<b>SOUTH ATLANTIC:</b>															
Delaware.....	6,178	3,817	2,264	97	37.2	36.5	29.4	2,021	8,801,976	3,058,721	4,355	1,518	2,837	34.9	44.0
Maryland.....	33,519	21,084	12,127	308	36.5	36.8	30.0	10,754	44,398,721	13,973,773	4,129	1,437	2,672	35.3	38.5
District of Columbia.....	118	93	21	4	18.4	18.9	4.1	20	23,400	56,100	11,670	2,865	8,805	24.0	32.8
Virginia.....	133,661	111,474	21,182	1,008	16.0	14.7	3.2	17,410	62,777,247	15,440,291	3,583	887	2,696	24.8	47.6
West Virginia.....	75,978	66,003	9,325	300	12.6	14.1	13.0	7,878	21,549,125	5,892,333	2,731	710	2,025	26.0	32.2
North Carolina.....	145,320	117,028	26,642	1,650	18.5	15.8	4.9	19,222	42,932,440	9,858,389	2,251	517	1,734	23.2	45.6
South Carolina.....	64,320	47,325	15,209	1,795	24.0	20.6	8.0	11,189	39,597,747	10,109,672	2,529	903	2,626	25.5	50.2
Georgia.....	98,628	78,004	28,267	1,907	14.0	14.7	3.4	13,830	37,626,424	10,988,409	2,712	794	1,918	29.3	41.9
Florida.....	35,369	29,614	5,160	625	14.8	10.3	2.9	4,109	12,884,025	2,709,970	3,098	632	2,466	21.0	31.2
<b>EAST SOUTH CENTRAL:</b>															
Kentucky.....	170,332	135,505	33,039	1,788	19.6	15.2	4.1	25,846	81,315,441	23,411,430	3,146	906	2,240	28.8	40.1
Tennessee.....	144,125	118,285	24,066	1,834	16.9	11.5	3.2	17,362	47,232,659	12,626,330	2,720	727	1,993	26.6	40.1
Alabama.....	103,929	74,504	27,457	1,968	26.9	19.2	4.4	19,230	32,311,461	10,350,577	1,650	538	1,142	32.0	43.8
Mississippi.....	92,066	60,543	29,603	1,830	32.9	27.1	7.7	22,844	42,296,412	13,381,306	1,850	586	1,264	31.7	54.4
<b>WEST SOUTH CENTRAL:</b>															
Arkansas.....	106,649	82,321	22,374	1,954	21.4	14.3	4.2	16,555	35,035,023	8,941,332	2,156	540	1,576	25.5	44.4
Louisiana.....	62,899	42,011	9,834	1,141	19.0	17.7	4.0	7,320	28,771,635	8,650,391	3,826	1,109	2,636	31.1	44.1
Oklahoma.....	85,404	46,899	36,306	2,479	43.5	49.2	...	24,508	122,327,300	27,884,765	4,975	1,114	3,861	22.4	...
Texas.....	195,863	128,682	64,008	3,773	33.3	23.4	5.7	48,024	297,880,832	76,089,272	6,203	1,584	4,619	25.5	41.7
<b>MOUNTAIN:</b>															
Montana.....	23,365	18,014	4,820	531	21.4	14.0	15.6	3,994	44,615,154	10,741,280	11,182	2,692	8,490	24.1	31.7
Idaho.....	27,160	17,933	9,000	226	34.3	16.4	16.3	7,594	64,376,068	14,557,103	8,477	1,917	6,560	22.6	30.0
Wyoming.....	9,779	7,815	1,923	41	19.7	12.2	13.1	1,531	16,675,387	4,207,983	10,892	2,749	8,143	25.2	34.6
Colorado.....	36,993	26,822	9,636	535	26.4	27.0	25.5	7,521	77,332,068	18,986,026	10,212	2,508	7,705	24.6	32.4
New Mexico.....	33,398	31,382	1,775	241	5.4	2.3	3.0	1,397	10,683,233	2,590,282	7,647	1,854	5,793	24.2	34.2
Arizona.....	8,203	7,038	1,043	122	12.9	6.0	6.8	81	8,995,498	2,233,252	10,096	2,772	7,324	25.9	40.6
Utah.....	19,762	15,131	4,462	139	22.9	11.1	5.5	3,326	21,319,580	4,564,175	6,046	1,294	4,762	24.1	24.9
Nevada.....	2,175	1,845	361	9	16.7	19.3	17.2	309	4,297,144	1,464,084	13,947	4,738	9,169	34.1	31.1
<b>PACIFIC:</b>															
Washington.....	47,505	30,979	16,026	200	34.1	21.7	26.8	12,715	113,394,798	25,644,551	8,918	2,017	6,901	22.6	28.6
Oregon.....	37,796	24,835	12,632	309	33.7	25.2	23.4	10,273	93,525,449	21,165,627	9,103	2,069	7,043	22.6	29.9
California.....	66,632	39,398	26,749	515	46.5	32.2	32.5	21,430	250,199,190	60,036,660	11,675	2,802	8,873	24.0	30.3

<sup>1</sup> Includes those whose owners rented additional land.<sup>2</sup> Percentages are based on combined total of farms of "free from mortgage" and "mortgaged."<sup>3</sup> Includes only those whose owners reported value of farm and amount of debt.<sup>4</sup> Includes Indian Territory.

States in 1910 was 1,327,439, but the number for which statistics regarding the amount of indebtedness have been compiled is only 1,006,511.

No statistics of the amount of mortgage indebtedness on farms were collected at the census of 1900, but such statistics were collected in 1890. In the published reports of that census, however, the amount of mortgage indebtedness on farms with incomplete reports was estimated. Moreover, the farms of owners who rented additional land were included in the statistics. Consequently, the statistics of absolute amounts of mortgage debt for 1890 are not comparable with those for 1910. On the other hand, the ratio which the mortgage indebtedness bears to the value of the mortgaged farms is reasonably comparable for the two censuses.

The total value of the land and buildings of the 1,006,511 farms shown for 1910 was \$6,330,000,000, and the amount of debt was \$1,726,000,000, or 27.3 per cent of the value. The corresponding proportion in 1890, as shown in the reports, was 35.5 per cent, and to make this figure strictly comparable it would presumably have to be increased slightly. There was thus during the 20 years a marked diminution in the

relative importance of mortgage debt. This decline in the ratio of debt to value is primarily due to the very rapid increase in the value of land in farms. The average amount of mortgage indebtedness per farm increased from \$1,224 in 1890 to \$1,715 in 1910, but the average owner's equity per farm increased from \$2,220 to \$4,574, or more than doubled.

In 1910 there was no very great difference among the several geographic divisions with respect to the ratio of indebtedness to the value of land and buildings, the highest ratio being 34.5 per cent in the Middle Atlantic division, and the lowest 23.4 per cent in the Pacific division. In every division the ratio of indebtedness to value was materially lower in 1910 than in 1890, when in five of the divisions it exceeded 40 per cent.

**Statistics by states.**—Table 11 presents, by divisions and states, statistics of the number of farms mortgaged for 1910, with comparative percentages for 1900 and 1890, and of the value of mortgaged farms and the amount of mortgage debt for 1910, with comparative percentages for 1890. The percentages showing the relative number of mortgaged farms in each state in 1910 are shown graphically in the diagram on page 293.

## COLOR AND NATIVITY OF FARMERS.

Number of native white, foreign-born white, and colored farmers, by tenure: 1910.—Table 14, on the opposite page, shows, for each geographic division and state, the number of farms in 1910 operated by native whites, foreign-born whites, and colored persons (negroes, Indians, Chinese, and Japanese), respectively, the farms in each group being further classified according to the tenure of the operator. The diagram shows, by states, the number of farms classified by color and nativity of operator in 1910.

Table 12 shows the percentage of the total number of farm operators in each geographic division in 1910 represented by native whites, foreign-born whites, and colored persons, respectively, and also a similar distribution of the farm owners and of the farm tenants. The distribution of farm managers, which is less significant on account of their small number, is not shown.

DIVISION.	PER CENT OF ALL FARM OPERATORS.			PER CENT OF FARM OWNERS.			PER CENT OF FARM TENANTS.		
	NATIVE WHITES.			FOREIGN-BORN WHITES.			NEGROES AND OTHER NONWHITES.		
	Native whites.	Foreign-born whites.	Negroes and other nonwhites.	Native whites.	Foreign-born whites.	Negroes and other nonwhites.	Native whites.	Foreign-born whites.	Negroes and other nonwhites.
United States.....	75.0	10.5	14.5	80.1	13.8	6.1	66.2	5.0	28.8
New England.....	85.3	14.5	0.2	85.6	14.2	0.2	82.6	17.1	0.3
Middle Atlantic.....	89.5	10.1	0.4	89.1	10.5	0.4	91.1	8.4	0.5
East North Central.....	82.7	16.7	0.5	79.9	19.7	0.5	90.3	9.1	0.6
West North Central.....	74.8	24.3	0.8	70.2	28.6	1.0	84.4	14.9	0.7
South Atlantic.....	67.4	4.6	32.0	61.8	1.0	37.2	56.2	0.2	46.4
East South Central.....	68.3	0.5	31.2	87.7	0.8	11.5	49.5	0.2	50.4
West South Central.....	73.4	4.4	22.2	87.0	3.9	13.1	66.6	3.1	30.4
Mountain.....	78.3	17.1	4.4	78.0	17.2	4.8	81.7	16.7	1.7
Pacific.....	69.8	27.7	2.5	69.9	28.7	1.4	67.9	24.1	8.0

Of the 6,361,502 farms in the United States as a whole in 1910, 4,771,063, or 75 per cent, were operated by native white farmers; 669,556, or 10.5 per cent, by foreign-born whites; and 920,883, or 14.5 per cent, by negroes and other nonwhites. These percentages may be compared with those showing the distribution of the total male population of voting age. Of the males 21 years of age and over in the United States in 1910, 65.6 per cent were native whites, 24.6 per cent foreign-born whites, and 9.8 per cent colored.

The colored farmers are for the most part in the Southern states. In the South Atlantic and East South Central divisions nearly one-third of the farm operators are colored, and in the West South Central between one-fourth and one-fifth; while in each of the four divisions constituting the North the proportion is below 1 per cent, and in the Mountain and Pacific divisions (where this class of farmers is made up chiefly

of Indians, Chinese, and Japanese) the proportions are only 4.4 per cent and 2.5 per cent, respectively. Nearly all of the foreign-born white farmers are in the North and West.

NUMBER OF FARMS, CLASSIFIED BY COLOR AND NATIVITY OF OPERATOR: 1910.

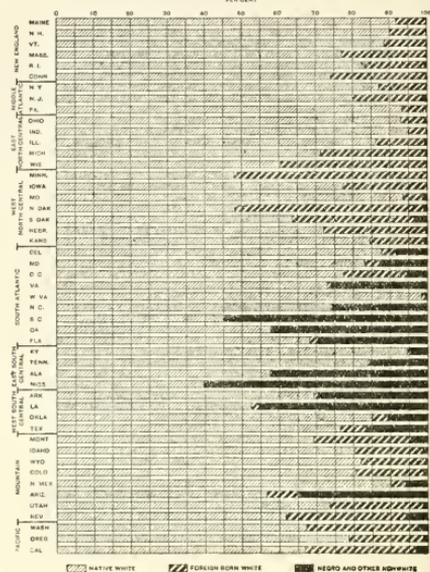


Table 13 shows the proportion of the native white, foreign-born white, and colored farm operators, respectively, who were in each of the three general tenure groups in 1910.

DIVISION.	PER CENT OF NATIVE WHITE FARM OPERATORS.			PER CENT OF FOREIGN-BORN WHITE FARM OPERATORS.			PER CENT OF NEGRO AND OTHER NONWHITE FARM OPERATORS.		
	OWNERS.			TENANTS.			MANAGERS.		
	Owners.	Tenants.	Managers.	Owners.	Tenants.	Managers.	Owners.	Tenants.	Managers.
United States.....	66.3	32.7	1.0	61.4	17.6	1.0	26.2	73.6	0.2
New England.....	89.6	7.7	2.7	87.2	9.2	3.5	79.2	15.2	5.6
Middle Atlantic.....	75.4	22.7	1.9	78.0	18.6	2.4	62.2	34.7	3.1
East North Central.....	68.5	28.5	1.0	84.6	14.7	0.7	68.4	30.3	1.3
West North Central.....	64.3	34.8	0.9	80.7	18.9	0.4	74.7	24.5	0.8
South Atlantic.....	64.8	34.2	1.0	81.9	11.7	3.4	28.7	71.1	0.2
East South Central.....	62.9	36.7	0.4	81.1	17.8	1.2	18.1	81.0	0.1
West South Central.....	51.6	47.8	0.6	62.7	36.8	0.5	27.6	72.2	0.1
Mountain.....	87.1	11.2	1.7	88.8	10.4	1.8	66.6	4.1	0.3
Pacific.....	80.1	16.8	3.1	83.1	15.0	1.9	43.8	54.5	1.7

FARM OPERATORS CLASSIFIED BY COLOR AND NATIVITY AND BY TENURE, BY DIVISIONS AND STATES: 1910.

Table 14 DIVISION OR STATE.	ALL FARM OPERATORS.				NATIVE WHITE FARM OPERATORS.				FOREIGN-BORN WHITE FARM OPERATORS.			NEGRO AND OTHER NONWHITE FARM OPERATORS.				
	Total.	Own-ers.	Ten-ants.	Man-agers.	Total.	Own-ers.	Ten-ants.	Man-agers.	Total.	Own-ers.	Ten-ants.	Man-agers.	Total.	Own-ers.	Ten-ants.	Man-agers.
<b>United States</b> .....	<b>6,361,502</b>	<b>3,948,722</b>	<b>2,354,676</b>	<b>58,104</b>	<b>4,771,063</b>	<b>3,162,584</b>	<b>1,558,392</b>	<b>50,087</b>	<b>669,556</b>	<b>544,917</b>	<b>118,166</b>	<b>6,473</b>	<b>920,883</b>	<b>241,221</b>	<b>678,118</b>	<b>1,544</b>
<b>CSOGRAPHIC DIVISIONS:</b>																
New England.....	188,802	108,408	15,015	5,379	169,909	144,212	12,395	4,402	27,451	23,925	2,568	958	342	271	52	19
Middle Atlantic.....	468,379	355,036	104,271	9,072	419,342	316,426	95,030	7,886	47,076	37,196	8,766	1,114	1,961	1,414	475	72
East North Central.....	1,123,489	809,944	303,597	10,848	929,619	696,032	274,112	9,475	188,153	159,104	27,759	1,299	5,717	3,908	1,735	74
West North Central.....	1,109,948	758,946	340,618	8,384	830,642	534,260	289,255	1,127	269,445	217,317	50,944	1,181	9,864	7,369	2,491	76
South Atlantic.....	1,111,881	593,154	510,428	8,298	748,478	455,134	236,412	7,332	1,411	6,039	836	246	355,862	101,961	253,181	739
East South Central.....	1,042,490	510,492	528,738	3,290	712,443	447,808	261,629	2,983	4,749	3,907	856	56	325,218	58,377	266,232	219
West South Central.....	943,186	440,905	497,665	4,696	692,624	337,128	331,233	4,263	31,407	26,008	15,291	392	299,061	57,769	151,061	231
Mountain.....	183,446	166,544	196,260	6,912	143,991	125,426	16,079	2,456	31,427	27,743	3,289	404	8,028	7,675	331	22
Pacific.....	189,891	151,933	32,733	5,223	132,315	106,158	22,226	4,131	52,546	43,658	7,875	1,013	4,830	2,117	2,632	81
<b>NEW ENGLAND:</b>																
Maine.....	69,016	56,454	2,563	999	55,014	51,798	2,286	930	4,973	4,631	274	68	28	25	3	1
New Hampshire.....	27,652	24,493	1,879	681	24,347	22,143	1,612	592	2,601	2,338	263	88	15	12	2	1
Vermont.....	32,709	29,063	4,008	636	28,928	24,789	3,608	576	3,721	3,259	403	59	20	17	2	1
Massachusetts.....	36,877	32,075	2,959	1,863	28,431	24,857	2,173	1,401	8,362	7,109	705	448	124	109	11	4
Rhode Island.....	5,292	4,087	954	251	4,408	3,466	743	199	843	592	199	52	41	29	12	10
Connecticut.....	26,815	23,234	2,632	949	19,841	17,159	1,978	704	6,865	5,996	632	233	113	79	22	12
<b>MIDDLE ATLANTIC:</b>																
New York.....	215,397	166,674	44,872	4,051	187,629	144,859	39,389	3,390	27,029	21,016	5,366	647	826	808	117	14
New Jersey.....	33,487	24,133	8,294	1,069	26,796	18,833	7,137	826	6,215	5,035	973	207	476	285	184	21
Pennsylvania.....	219,295	164,229	51,102	3,961	204,917	152,743	48,504	3,670	13,832	11,143	2,477	280	546	341	174	37
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	272,945	192,104	77,188	2,733	232,643	176,592	73,598	2,545	17,420	14,259	2,981	180	1,930	1,313	609	28
Indiana.....	215,885	148,501	64,687	2,297	204,551	139,859	62,878	2,034	9,729	8,160	1,491	78	805	472	318	15
Illinois.....	251,872	145,167	104,378	2,336	217,053	123,907	91,014	2,132	33,394	29,411	12,747	236	1,425	789	618	18
Michigan.....	206,960	172,310	32,698	1,961	147,790	118,660	27,609	1,321	58,224	52,865	4,928	431	946	785	152	9
Wisconsin.....	177,127	151,022	24,614	1,451	107,180	87,094	19,013	1,073	69,536	63,379	5,063	374	591	549	38	4
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	156,137	122,104	32,551	1,222	74,710	52,427	21,446	837	81,174	69,483	11,268	383	293	194	97	2
Iowa.....	217,044	133,003	82,818	1,926	105,596	96,615	7,647	1,694	48,957	34,232	14,505	230	201	136	63	2
Missouri.....	277,244	192,285	82,925	2,001	259,111	177,620	69,059	1,884	14,467	12,556	1,833	78	3,666	2,109	1,516	41
North Dakota.....	74,360	63,212	10,664	484	35,750	29,082	6,332	316	37,867	33,403	4,298	166	743	737	14	2
South Dakota.....	77,444	57,248	19,231	429	49,360	35,011	14,024	325	25,470	20,237	5,142	97	2,808	2,726	65	7
Nebraska.....	129,678	79,250	49,441	987	93,509	52,537	40,296	856	35,707	26,524	9,053	130	462	369	92	1
Kansas.....	177,841	111,108	65,398	1,335	150,346	89,148	59,961	1,217	25,804	20,862	4,845	97	1,691	1,098	572	21
<b>SOUTH ATLANTIC:</b>																
Delaware.....	10,836	6,178	4,535	123	9,504	5,448	3,956	100	410	324	79	7	922	496	500	16
Maryland.....	48,923	33,519	14,416	988	40,669	28,047	11,797	825	1,882	1,522	284	76	6,372	3,990	2,335	87
District of Columbia.....	217	118	84	15	108	82	75	11	37	28	6	3	12	8	3	1
Virginia.....	184,018	133,664	48,729	1,625	134,155	99,862	32,884	1,409	1,749	1,574	139	36	48,114	32,228	15,766	180
West Virginia.....	96,085	75,978	19,855	872	95,138	74,674	19,600	838	839	746	86	7	788	558	143	17
North Carolina.....	233,725	145,320	107,287	1,118	187,637	123,510	63,115	1,032	412	367	33	12	65,656	21,443	44,233	74
South Carolina.....	176,434	64,350	111,261	863	79,424	43,834	34,862	728	212	144	64	4	96,798	29,372	76,199	131
Georgia.....	291,027	98,628	100,980	1,419	168,083	82,634	84,167	1,282	385	296	75	14	122,559	15,098	106,738	123
Florida.....	50,016	35,389	13,342	1,275	34,980	27,453	5,969	1,087	1,215	1,058	70	87	14,721	7,288	7,322	101
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	259,185	170,332	87,869	993	245,499	162,736	81,837	926	1,959	1,667	262	27	11,730	5,929	5,761	40
Tennessee.....	246,012	144,125	101,061	826	206,821	132,710	73,747	764	883	715	157	11	38,308	10,700	27,597	51
Alabama.....	262,901	103,929	158,326	646	151,214	85,734	64,894	596	1,244	1,113	123	8	110,443	17,082	93,309	52
Mississippi.....	274,382	92,066	181,491	825	108,999	66,628	41,572	709	736	412	314	10	164,737	25,026	139,605	106
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	214,678	106,649	107,266	763	148,627	89,839	38,081	707	2,458	2,148	300	10	63,593	14,662	48,885	46
Louisiana.....	129,546	62,969	66,607	950	63,236	40,815	21,887	834	2,431	1,449	943	39	54,879	10,725	44,077	77
Oklahoma.....	117,720	85,494	104,137	651	161,773	88,564	92,607	602	7,748	6,690	1,096	22	60,971	11,150	9,494	27
Texas.....	419,770	195,863	219,575	2,332	318,988	157,910	138,938	2,120	28,864	16,721	12,012	131	26,918	21,232	4,886	81
<b>MOUNTAIN:</b>																
Montana.....	26,214	23,365	2,344	505	18,185	15,985	1,771	409	6,853	6,213	547	93	1,196	1,167	26	3
Idaho.....	30,807	27,169	3,188	450	24,694	21,514	2,781	396	5,708	5,312	345	51	405	343	62	11
Wyoming.....	10,987	9,779	897	311	9,019	7,965	795	259	1,903	1,753	99	51	65	61	3	1
Colorado.....	46,170	36,993	8,290	787	37,198	29,801	6,711	686	8,308	6,726	1,572	160	574	466	107	1
New Mexico.....	45,616	33,398	1,957	321	32,988	30,046	1,742	300	1,440	1,231	192	17	2,148	2,121	23	4
Arizona.....	9,227	8,263	861	163	5,218	4,410	683	125	806	644	135	27	3,203	3,149	43	11
Utah.....	21,676	19,762	1,720	194	15,948	14,386	1,404	164	5,452	5,166	257	29	2,766	216	59	1
Nevada.....	2,689	2,175	333	181	1,601	1,328	192	144	867	608	133	36	161	152	8	1
<b>PACIFIC:</b>																
Washington.....	56,192	47,365	7,728	961	37,770	31,163	5,838	769	17,297	15,641	1,475	181	1,625	791	413	11
Oregon.....	45,532	37,796	6,859	847	35,819	29,213	5,883	721	9,056	8,103	833	118	627	478	141	8
California.....	88,197	66,632	18,148	3,417	58,926	45,780	10,305	2,641	26,193	19,914	5,565	714	3,078	938	2,078	62

Table 13 brings out the fact that in each of the geographic divisions except New England a larger proportion of the foreign-born white farmers than of the native white own their farms, the percentages for the United States as a whole in 1910 being, respectively, 81.4 and 66.3. This difference is largely due to the fact that the foreign-born white farmers are on the average considerably older than the native white. Most of the former have been in this country a good many years, as comparatively few of the more recent immigrants have gone to the farms. A large proportion of the native white tenants consist of young men,

sons of farmers, who have only recently begun the independent operation of farms, and who expect to buy land later. In the country as a whole the proportion of owners is very much lower among colored farmers (26.2 per cent in 1910) than among either the native white or the foreign-born white; but there is a great difference in this respect between the South and the rest of the country.

**Number of farmers, classified by color: 1910 and 1900.**—Table 15 shows by geographic divisions, for 1910 and 1900, the number of farm operators who were whites, negroes, Indians, Chinese, and Japanese, respectively.

DIVISION.	ALL FARM OPERATORS.		WHITE FARM OPERATORS.		COLORED FARM OPERATORS.									
	1910	1900	1910	1900	Total.		Negroes.		Indians.		Chinese.		Japanese.	
					1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>United States.....</b>	<b>6,361,502</b>	<b>5,737,372</b>	<b>5,440,619</b>	<b>4,963,608</b>	<b>620,883</b>	<b>767,764</b>	<b>833,384</b>	<b>746,715</b>	<b>24,237</b>	<b>13,910</b>	<b>760</b>	<b>1,100</b>	<b>2,502</b>	<b>39</b>
New England.....	188,302	191,888	188,450	191,294	342	294	310	294					1	
Middle Atlantic.....	468,372	485,618	466,418	483,772	1,061	1,846	1,310	1,907	638	337	5	12		
East North Central.....	1,129,489	1,133,823	1,117,772	1,129,810	5,717	6,013	4,843	5,179	870	830	2	4	2	
West North Central.....	1,109,948	1,066,744	1,100,664	1,049,857	9,864	10,887	5,643	7,676	4,238	3,807	2	4	21	
South Atlantic.....	1,111,881	962,255	756,019	673,384	355,802	288,871	354,350	287,933	3,303	935	13	3	16	
East South Central.....	1,042,480	963,313	717,292	635,418	323,218	267,885	324,885	267,330	332	365	1			
West South Central.....	943,186	754,833	734,122	570,949	269,051	183,994	201,422	176,899	7,584	6,989	10	15	45	
Mountain.....	185,446	101,327	175,418	86,521	8,028	4,806	218	133	7,524	4,351	91	122	193	
Pacific.....	189,801	141,581	185,061	138,333	4,830	3,248	263	204	1,716	2,067	636	508	2,215	39

In the country as a whole the number of negro farmers increased much more rapidly between 1900 and 1910 than that of white farmers, the respective percentages of increase being 19.6 and 9.5. Only 1.4 per cent of all the negro farmers in 1910 were outside of the three divisions constituting the South, and it is noteworthy that the number in the North was smaller in 1910 than in 1900. The number of Chinese

and Japanese farmers at both censuses was small, but the latter made a remarkable increase during the decade, while the former fell off considerably in number.

**Country of birth of white farmers: 1910.**—Table 16 shows, for 1910, by geographic divisions, the number of white farm operators born in each of the leading countries from which the United States receives immigrants.

DIVISION.	WHITE FARM OPERATORS.											Country of birth not reported.
	Total.	Born in United States.	Born in foreign countries.									
			Total.	Austria.	Hungary.	Great Britain and Ireland.				France.	Germany.	
Total.	England.	Ireland.	Scotland.	Wales.								
<b>United States.....</b>	<b>5,440,619</b>	<b>4,763,256</b>	<b>669,556</b>	<b>33,336</b>	<b>8,827</b>	<b>87,438</b>	<b>39,728</b>	<b>33,480</b>	<b>10,220</b>	<b>4,110</b>	<b>5,326</b>	<b>221,500</b>
New England.....	188,460	190,190	27,451	843	248	7,092	2,429	3,751	1,710	186	306	2,481
Middle Atlantic.....	466,418	417,730	47,078	1,868	538	14,470	5,716	7,103	999	652	698	15,401
East North Central.....	1,117,772	927,524	188,153	6,874	840	20,800	10,322	7,566	2,680	922	1,353	75,813
West North Central.....	1,100,664	828,467	269,442	14,761	1,394	21,950	8,905	9,094	2,786	1,265	1,173	87,933
South Atlantic.....	756,019	748,411	7,141	344	165	2,141	1,134	633	313	61	112	2,635
East South Central.....	717,292	712,115	4,810	172	62	477	467	607	120	18	108	1,520
West South Central.....	734,123	691,971	41,601	6,173	264	2,853	1,538	781	417	97	96	15,420
Mountain.....	175,418	143,699	31,427	1,021	147	8,340	4,932	1,484	1,362	562	335	5,147
Pacific.....	185,061	132,142	52,445	1,331	159	8,230	4,355	2,701	1,429	335	1,107	10,848

DIVISION.	Born in foreign countries—Continued.											Country of birth not reported.		
	Scandinavian countries.									Switzerland.	Other European countries.		Canada.	All other countries.
	Holland.	Italy.	Russia.	Poland.	Total.	Denmark.	Norway.	Sweden.						
<b>United States.....</b>	<b>13,780</b>	<b>16,644</b>	<b>25,788</b>	<b>7,228</b>	<b>158,570</b>	<b>28,375</b>	<b>99,742</b>	<b>67,453</b>	<b>14,333</b>	<b>17,689</b>	<b>81,373</b>	<b>10,333</b>	<b>7,897</b>	
New England.....	75	632	1,169	372	2,278	330	141	1,747	207	948	10,611	109	813	
Middle Atlantic.....	1,143	2,370	1,919	411	2,968	553	109	2,246	895	379	3,807	99	1,612	
East North Central.....	7,710	634	1,941	3,496	32,550	5,739	15,330	15,491	4,063	4,063	21,252	201	2,095	
West North Central.....	4,327	404	16,245	2,179	65,473	14,846	41,015	39,614	3,863	5,331	13,556	549	1,175	
South Atlantic.....	52	214	143	69	407	124	93	190	247	75	443	94	467	
East South Central.....	26	322	44	27	382	73	64	245	391	84	148	42	327	
West South Central.....	139	2,089	1,668	562	2,276	491	404	1,381	712	842	847	6,988	653	
Mountain.....	393	1,067	1,088	47	8,407	3,097	1,683	3,627	1,023	566	3,408	791	292	
Pacific.....	425	2,772	1,583	95	10,877	3,062	2,903	4,912	2,933	4,910	5,366	1,310	1,730	

1 Includes those born at sea.

The foreign countries which have contributed the largest number of farm operators to the United States are Germany, Sweden, Canada, Norway, England, Ireland, Austria, Denmark, and Russia, in the order named. It should be noted that this order by no means corresponds to the order in which the various foreign countries have contributed to the total population of the United States.

The immigrants from certain countries, notably Ireland, Italy, and Russia, have nearly all gone into pursuits other than agricultural.

**Color and tenure of farmers in the South; 1910 and 1900.**—On account of the large number of colored farmers in the South, more detailed statistics regarding the two principal race groups are presented for that section than for the North and West.

Table 17 shows, for the South as a whole and for each of the geographic divisions composing it, the number, total and improved acreage, and value of land and buildings in 1910 and 1900, for farms of

white and colored farmers, respectively, with a further classification according to tenure. It also shows, by percentages, the distribution of the respective totals between the two color groups and among the six subgroups formed by combination of the color classification with that according to color.

In the South as a whole in 1910 white farmers constituted 71.3 per cent of the total number of farmers and colored farmers 28.7 per cent. Of the total farm acreage, however, 88 per cent was in farms operated by white and 12 per cent in farms operated by colored farmers; and of the improved land in farms, 81.6 per cent was in farms operated by white farmers and 18.4 per cent in farms operated by colored farmers.

Whites constituted a smaller proportion of the total number of farmers and the farms operated by them constituted a smaller proportion of the total land in farms in 1910 than in 1900, but there was no change in the proportion of improved land in farms operated by the two race groups.

Table 17 DIVISION AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		PER CENT OF TOTAL.											
	1910	1900	1910	1900	1910	1900	1910	1900	Number of farms.	All land in farms.	Improved land in farms.	Value of land and buildings.	1910	1900	1910	1900	1910	1900		
	<b>THE SOUTH...</b>	3,097,547	2,620,391	354,482,860	362,396,351	150,630,852	126,108,093	\$7,353,431,195	\$3,279,021,509	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>White farmers:</b>																				
Total.....	2,207,496	1,879,721	311,843,743	323,424,305	122,955,109	102,803,486	\$6,453,298,861	2,898,740,541	71.3	71.7	88.0	89.3	81.6	81.0	87.8	87.8	88.4	88.4	88.4	
Owners.....	1,326,944	1,183,806	214,925,093	209,736,484	79,582,541	69,940,143	\$4,223,938,087	1,947,831,058	62.8	63.2	80.6	81.9	82.5	85.5	85.6	87.4	86.4	86.4	86.4	
Managers.....	15,984	17,173	24,316,249	20,877,426	3,128,062	3,051,884	\$67,948,147	220,378,866	0.5	0.7	6.0	14.1	2.1	2.1	5.0	6.1	6.1	6.1	6.1	
Tenants.....	866,278	678,743	72,663,801	62,790,395	40,246,475	29,901,759	\$1,861,415,627	730,344,723	28.0	25.9	20.5	17.3	16.7	23.7	23.3	22.3	22.3	22.3	22.3	
<b>Colored farmers:</b>																				
Total.....	890,141	740,670	42,609,117	38,612,046	27,735,743	23,214,607	\$900,132,330	380,289,968	28.7	28.3	12.0	10.7	18.4	18.4	12.2	11.6	12.2	11.6	11.6	
Owners.....	218,467	186,676	15,691,536	13,358,684	7,531,119	6,026,805	\$272,922,928	106,410,328	7.1	7.1	4.4	3.7	5.0	4.8	3.7	3.3	3.3	3.3	3.3	
Managers.....	1,290	1,593	2,899,739	428,518	186,249	127,742	\$10,371,949	5,544,310	(9)	(1)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Tenants.....	670,474	552,401	26,907,584	24,829,844	20,098,575	17,060,060	\$616,708,147	268,117,330	21.6	21.1	7.5	6.9	13.5	8.4	8.2	8.2	8.2	8.2	8.2	
<b>South Atlantic.....</b>	1,111,881	962,205	100,782,256	104,297,506	48,479,733	46,100,226	\$2,446,438,474	1,206,349,615	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
<b>White farmers:</b>																				
Total.....	756,019	673,354	86,106,873	88,660,241	37,480,664	37,204,354	\$2,118,729,460	1,072,961,600	68.0	67.0	83.0	83.0	77.3	80.7	85.5	88.9	88.9	88.9	88.9	
Owners.....	491,193	442,396	63,483,405	64,498,437	25,148,320	25,700,843	\$1,487,725,662	741,156,350	44.2	46.0	61.2	61.8	53.9	55.7	59.8	61.4	61.4	61.4	61.4	
Managers.....	1,578	8,145	3,219,019	3,260,530	1,167,797	1,220,873	\$119,811,699	60,596,740	0.7	0.8	3.1	3.1	2.4	2.6	4.8	5.0	5.0	5.0	5.0	
Tenants.....	257,248	222,813	19,404,449	20,901,274	10,173,547	10,282,648	\$511,192,135	268,138,790	33.3	33.2	18.7	20.0	21.0	22.9	20.6	22.5	22.5	22.5	22.5	
<b>Colored farmers:</b>																				
Total.....	356,862	288,871	17,675,382	15,637,265	10,990,069	8,805,862	\$367,707,068	367,707,068	32.0	33.0	17.0	15.0	22.7	19.3	14.8	11.1	11.1	11.1	11.1	
Owners.....	104,961	85,116	5,646,378	4,427,439	2,665,947	2,099,222	\$105,508,616	36,982,938	9.2	8.8	5.4	4.2	5.6	4.6	4.2	4.1	4.1	4.1	4.1	
Managers.....	739	970	145,371	201,074	61,287	66,764	\$1,257,681	2,937,580	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	
Tenants.....	253,161	202,785	11,888,633	11,088,752	8,232,835	6,729,866	\$256,406,708	333,780,207	22.8	21.1	11.5	10.6	17.0	14.6	10.3	7.7	7.7	7.7	7.7	
<b>East South Central.....</b>	1,942,480	303,313	81,020,629	81,247,643	43,946,846	43,946,846	\$2,446,438,474	1,206,349,615	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
<b>White farmers:</b>																				
Total.....	717,302	635,415	67,924,912	68,626,325	34,390,317	32,045,799	\$1,458,770,081	802,327,213	68.8	70.5	83.3	84.5	78.3	79.6	83.9	85.9	85.9	85.9	85.9	
Owners.....	451,715	413,775	52,992,029	53,543,623	25,170,277	23,609,079	\$1,064,810,312	588,037,473	43.3	45.8	64.5	65.9	57.3	58.8	61.3	63.0	63.0	63.0	63.0	
Managers.....	3,941	4,372	1,527,107	1,993,062	552,554	614,397	\$45,025,391	25,246,880	0.3	0.5	1.9	1.9	1.3	1.5	2.6	2.8	2.8	2.8	2.8	
Tenants.....	262,646	217,271	13,908,785	13,919,636	8,667,486	7,771,253	\$348,888,378	188,992,860	25.2	24.1	15.6	16.6	19.7	17.8	19.1	20.1	20.1	20.1	20.1	
<b>Colored farmers:</b>																				
Total.....	325,218	267,898	13,995,717	12,621,318	9,556,529	8,191,628	\$799,667,758	131,433,640	31.2	29.7	16.7	15.5	21.7	20.4	16.1	14.1	14.1	14.1	14.1	
Owners.....	58,737	49,314	4,536,932	3,937,853	2,215,645	1,714,020	\$70,937,214	28,339,910	5.6	5.5	3.6	4.7	5.0	4.3	4.1	3.1	3.1	3.1	3.1	
Managers.....	249	324	76,350	60,388	26,237	25,866	\$2,572,270	1,282,910	(1)	(1)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Tenants.....	266,232	217,660	8,979,405	8,723,677	7,316,647	6,451,742	\$306,158,274	101,630,790	25.5	24.1	11.0	10.7	16.6	16.0	11.9	10.9	10.9	10.9	10.9	
<b>West South Central.....</b>	941,186	754,183	169,149,978	178,971,202	58,264,273	58,264,273	\$3,126,506,882	1,128,831,068	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
<b>White farmers:</b>																				
Total.....	734,125	570,949	157,811,958	166,137,720	51,075,128	33,643,413	\$2,675,839,374	1,023,465,468	77.8	75.6	93.3	94.1	87.7	84.6	91.9	89.9	89.9	89.9	89.9	
Owners.....	383,132	327,633	98,848,298	91,714,424	28,263,944	20,579,221	\$1,671,394,313	618,628,135	40.6	43.4	58.4	59.2	48.5	51.1	53.4	54.9	54.9	54.9	54.9	
Managers.....	4,465	4,655	19,576,128	16,053,839	1,405,742	1,216,314	\$103,111,147	153,730,340	0.6	0.6	1.6	1.5	28.1	2.0	2.1	5.0	11.7	11.7	11.7	
Tenants.....	346,524	238,659	39,967,531	28,369,857	21,405,442	11,847,878	\$901,384,114	271,066,963	36.7	31.6	23.3	16.1	35.7	29.8	32.0	32.3	32.3	32.3	32.3	
<b>Colored farmers:</b>																				
Total.....	209,661	183,994	11,338,018	10,333,483	7,180,145	6,127,117	\$591,757,508	115,493,600	22.2	24.4	6.7	5.9	12.3	15.4	8.1	8.1	8.1	8.1	8.1	
Owners.....	57,269	51,649	5,505,206	5,063,392	2,621,327	2,213,533	\$96,480,405	41,096,540	6.1	6.3	3.3	2.9	4.5	5.1	3.1	3.6	3.6	3.6	3.6	
Managers.....	271	299	128,498	167,056	20,725	35,112	\$2,071,998	1,233,820	(7)	(7)	0.1	0.1	(1)	0.1	0.1	0.1	0.1	0.1	0.1	
Tenants.....	151,091	131,956	5,704,794	5,093,015	4,546,893	3,878,452	\$154,199,105	73,019,270	16.0	17.5	3.4	2.9	7.8	9.8	9.9	9.4	9.4	9.4	9.4	

1. Less than one-tenth of 1 per cent.

Table 18, on the following page, shows percentages of increase based on the preceding table. The number of colored farmers in the South increased 20.2 per cent during the decade 1900 to 1910, as compared with an increase of 17.4 per cent

in the number of white farmers. The acreage of land in farms operated by white farmers decreased somewhat in each geographic division of the South, while the acreage in farms operated by colored farmers increased in each of the three divisions, the percentages

ranging from 7.7 to 13. In the South as a whole the value of land and buildings of farms operated by white farmers increased 122.6 per cent during the decade, as compared with an increase of 136.7 per cent for farms operated by colored farmers; in the West South Central division, however, the percentage of increase was higher for farms of white farmers than for those of colored farmers.

The number of tenants in the South, both white and colored, increased more rapidly between 1900 and 1910 than the number of farm owners. In the case of farms operated by white farmers, the total acreage, improved acreage, and value of land and buildings also increased more rapidly for tenant farms than for those operated by owners, while the opposite was true of farms operated by colored farmers.

Table 15

DIVISION AND CLASS OF OPERATOR.	PER CENT OF INCREASE: 1900 TO 1910																
	Number of farms.				All land in farms.				Improved land in farms.				Value of land and buildings.				
	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.	
<b>The South:</b>																	
White farmers.....	17.4	12.0	-12.2	27.6	-3.6	2.5	-52.7	15.6	7.0	19.5	13.8	2.4	34.8	122.6	116.9	65.8	154.9
Colored farmers.....	20.2	17.0	-24.7	21.4	10.4	17.9	-13.4	7.0	18.5	25.0	-15.3	17.5	136.7	156.0	97.1	136.0	
<b>SOUTH ATLANTIC:</b>																	
White farmers.....	12.3	11.0	-7.0	15.5	-2.9	-1.6	-1.3	-2.2	0.8	1.7	-4.1	-1.1	97.5	104.7	97.7	88.5	
Colored farmers.....	23.2	19.8	-25.8	24.9	13.0	27.5	-27.7	7.9	23.5	28.4	-8.2	22.3	173.7	185.5	95.0	174.3	
<b>EAST SOUTH CENTRAL:</b>																	
White farmers.....	12.9	9.2	-30.4	20.8	-1.0	-1.8	-2.3	2.1	7.3	6.4	-10.1	11.5	81.8	81.1	71.5	83.5	
Colored farmers.....	21.4	17.7	-23.1	22.3	7.7	18.3	26.4	2.9	16.7	23.1	1.4	13.4	112.8	148.6	100.9	102.9	
<b>WEST SOUTH CENTRAL:</b>																	
White farmers.....	28.6	16.9	-4.1	45.2	-5.0	7.8	-57.5	35.9	51.8	37.3	15.6	30.7	181.0	170.2	51.9	269.4	
Colored farmers.....	13.7	11.8	-22.7	14.5	9.5	8.1	-23.4	12.0	17.3	18.4	-41.0	17.2	119.0	134.8	56.5	111.2	

1 A minus sign (-) denotes decrease.

In Table 19 the number, total and improved acreage, and value of land and buildings of farms operated by white farmers are distributed by percentages among the three tenure classes, and a corresponding distribution is made for the farms operated by colored farmers. The percentages therefore have a different significance from those shown in Table 17, and afford a more convenient means of comparing conditions among the white and the colored farmers.

In 1910, 60.1 per cent of the white farmers in the South as a whole were owners, as against 24.5 per cent of the colored farmers. The proportion of the total farm acreage which was in farms operated by owners was 68.9 per cent for farms operated by white farmers and 36.8 per cent for those operated by colored farmers.

The changes between 1900 and 1910 with regard to the number, acreage, and value of farms operated by the two race groups, respectively, in the South Atlantic and East South Central divisions were quite different from those in the West South Central division.

In the South as a whole among both white and colored farm operators, owners reported a larger proportion of the total farm acreage in 1910 than in 1900. In the case of white farmers the proportion of land in tenant farms also increased, while there was a marked decrease in the proportion of land in farms operated by white managers (mainly due to a large decrease in the West South Central division). In the case of colored farmers however the proportion of land which was in tenant farms was lower in 1910 than in 1900.

Table 19

DIVISION AND CLASS OF OPERATOR.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
<b>THE SOUTH</b>								
<b>White farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	60.1	63.0	68.9	64.9	64.7	62.0	65.5	67.2
Managers.....	0.7	0.9	7.8	15.7	2.5	3.0	5.7	7.6
Tenants.....	39.2	36.1	23.3	19.4	32.7	29.1	28.8	25.2
<b>Colored farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	24.5	25.2	36.8	34.5	27.2	26.0	30.3	28.0
Managers.....	0.1	0.2	0.8	1.1	0.4	0.6	1.2	1.5
Tenants.....	75.3	74.6	62.4	64.3	72.5	73.5	68.5	70.5
<b>SOUTH ATLANTIC.</b>								
<b>White farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	63.0	65.1	77.4	72.7	69.7	69.1	70.2	69.1
Managers.....	1.0	1.2	3.7	8.7	3.1	3.3	3.7	5.6
Tenants.....	34.0	33.1	22.5	23.6	27.1	27.6	24.1	25.3
<b>Colored farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	28.7	29.5	31.9	28.3	24.5	23.6	28.7	27.7
Managers.....	0.2	0.3	0.8	1.3	0.6	0.9	1.6	2.2
Tenants.....	71.1	70.2	67.2	70.4	74.9	75.7	69.7	70.1
<b>EAST SOUTH CENTRAL.</b>								
<b>White farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	63.0	65.1	77.4	72.7	69.7	69.1	70.2	69.1
Managers.....	0.4	0.7	2.2	2.3	1.6	1.9	3.1	3.3
Tenants.....	36.6	34.2	20.3	19.7	25.2	24.3	23.9	23.4
<b>Colored farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	18.1	18.6	33.4	30.4	23.2	20.9	23.4	21.7
Managers.....	0.1	0.1	0.6	0.5	0.3	0.3	0.9	1.0
Tenants.....	81.9	81.2	66.6	69.1	76.6	78.8	75.7	77.3
<b>WEST SOUTH CENTRAL.</b>								
<b>White farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	52.2	57.9	62.6	53.2	53.3	51.2	58.1	64.4
Managers.....	0.6	0.8	12.4	27.7	2.8	3.6	7.1	13.1
Tenants.....	47.2	41.8	25.0	17.1	41.9	35.2	34.8	26.5
<b>Colored farmers:</b>								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	27.5	28.1	48.0	43.2	36.5	36.1	38.2	35.6
Managers.....	0.1	0.2	1.1	1.6	0.3	0.6	0.8	1.1
Tenants.....	72.3	71.8	50.3	46.2	63.2	63.3	61.0	63.3

Table 20 shows the average total and improved acreage per farm, the average value of land and buildings per farm and per acre, and the percentage of farm land improved, for farms classified according to the color and tenure of the farmer.

In the South as a whole the average size of the farms operated by white farmers in 1910 (141.3 acres) was nearly three times as great as that of the farms operated by colored farmers (47.9 acres). The difference was less marked in the South Atlantic and East South Central divisions than in the West South Central. The farms operated by white owners comprised on an average 162.1 acres, and those operated by colored owners 71.8 acres, while the farms of white tenants averaged 83.8 acres in size and those of colored tenants 39.6 acres. Between 1900 and 1910 the average size of farms operated by white owners decreased, while that of farms operated by colored owners increased. On the other hand, colored tenants as well as white tenants had smaller farms in 1910 than in 1900.

While the farms of colored farmers are smaller than those of the whites, they consist more largely of improved land. In the South as a whole in 1910 the proportion of improved land for the farms of white farmers was 39.4 per cent, as compared with 65.1 per cent for the farms of colored farmers. The differences in this respect, however, are less conspicuous when farms of similar tenure are compared.

In the South as a whole the average value of land and buildings per acre was in 1910 higher for farms of colored farmers than for those of white farmers—\$21.13 as compared with \$20.69. This is the effect of conditions in the West South Central division, the average value being higher for farms of white farmers in the other two divisions of the South. Between 1900 and 1910 there was a great increase in the average value per acre in the case of farms of all three classes of tenure operated by farmers of both color groups. In the South Atlantic and East South Central divisions the relative increases were in most cases somewhat more marked for farms operated by colored farmers than for those operated by whites, while in the West South Central division the opposite was the case.

In the South as a whole the average value of land and buildings per farm in 1910 for farms operated by white farmers was \$2,923, or nearly three times the average value for farms operated by colored farmers, which was \$1,011. The percentage of increase between 1900 and 1910, however, was somewhat greater in the average value for farms of colored farmers than in that for farms of white farmers.

Table 21, on the next page, shows, for each of the Southern states, the number, total and improved acreage, and value of land and buildings of farms operated by white and by colored farmers, with a further distinction according to tenure.

Table 20 DIVISION AND CLASS OF OPERATOR.	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land in farms.		Improved land in farms.				Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>THE SOUTH</b>										
White farmers:										
Total.....	141.3	172.1	55.7	54.7	39.4	31.8	\$2,923	\$1,542	\$20.69	\$8.96
Owners.....	152.1	177.2	80.0	89.1	37.0	33.3	3,185	1,645	19.45	9.29
Managers.....	1,912.1	2,992.8	297.2	177.7	12.9	6.0	24,283	12,845	15.13	11.34
Tenants.....	83.8	92.5	46.5	44.1	65.4	47.8	2,149	1,078	25.64	11.63
Colored farmers:										
Total.....	47.9	62.1	31.2	31.3	85.1	60.1	1,011	513	21.13	9.85
Owners.....	71.8	71.8	34.5	32.3	46.0	45.1	1,250	671	17.40	7.88
Managers.....	291.5	263.0	80.2	80.2	38.0	29.8	8,643	3,480	29.65	12.94
Tenants.....	29.6	44.9	30.0	20.9	75.8	68.7	629	488	23.21	10.80
<b>SOUTH ATLANTIC.</b>										
White farmers:										
Total.....	113.9	131.7	49.6	55.3	43.5	42.0	2,892	1,593	24.61	12.10
Owners.....	129.2	145.8	53.2	58.1	41.2	39.8	5,029	1,575	23.43	11.49
Managers.....	424.8	400.3	154.1	149.9	36.3	37.4	15,610	7,440	37.22	15.58
Tenants.....	75.4	93.8	39.5	46.1	52.4	49.2	1,987	1,217	26.34	12.98
Colored farmers:										
Total.....	49.7	64.1	30.9	30.8	62.2	56.9	1,033	462	20.50	8.53
Owners.....	55.4	52.0	26.4	24.7	47.7	47.4	1,035	435	18.79	8.35
Managers.....	201.9	207.3	85.1	68.8	42.2	33.2	7,955	3,028	39.40	14.81
Tenants.....	46.9	54.3	32.5	33.2	60.3	61.1	1,013	461	21.58	8.49
<b>EAST SOUTH CENTRAL.</b>										
White farmers:										
Total.....	94.7	108.0	47.9	50.4	50.6	46.7	2,034	1,263	21.48	11.69
Owners.....	116.4	129.4	55.7	57.2	47.9	44.2	2,357	1,421	20.25	10.96
Managers.....	502.2	357.5	181.7	140.5	35.2	39.3	14,896	6,003	29.48	16.79
Tenants.....	52.6	62.2	33.0	35.8	62.8	57.5	1,329	865	25.27	13.91
Colored farmers:										
Total.....	41.8	47.1	29.4	30.6	70.3	64.9	860	491	20.57	10.42
Owners.....	77.3	76.9	37.7	34.3	48.5	44.7	1,208	572	15.63	7.44
Managers.....	306.7	186.4	105.4	79.8	34.4	44.0	10,559	5,969	36.28	21.34
Tenants.....	33.7	40.1	27.5	29.6	81.8	77.4	497	22.96	11.65	
<b>WEST SOUTH CENTRAL.</b>										
White farmers:										
Total.....	215.0	291.0	69.6	58.9	32.4	20.3	3,917	1,793	18.22	6.16
Owners.....	258.0	279.9	73.8	62.8	28.6	22.4	4,392	1,888	16.91	6.70
Managers.....	4,383.0	9,383.4	314.8	261.3	7.2	2.6	45,499	28,728	10.38	2.90
Tenants.....	113.7	118.9	61.8	49.6	54.3	41.8	2,800	1,138	25.42	9.56
Colored farmers:										
Total.....	54.2	56.3	34.4	33.3	63.4	59.2	1,299	626	22.29	11.15
Owners.....	43.5	46.6	27.9	27.6	47.6	42.5	1,070	796	17.53	8.07
Managers.....	551.3	558.7	89.7	117.4	16.2	21.0	8,970	4,427	16.18	7.92
Tenants.....	37.8	38.6	30.1	29.4	79.7	76.2	1,021	553	27.03	13.14

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY COLOR AND TENURE OF OPERATOR, FOR THE SOUTH, BY STATES: 1910 AND 1900.

Table 21

STATE AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		STATE AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		
	1910	1900	1910	1900	1910	1900	1910	1900		1910	1900	1910	1900	1910	1900	1910	1900	
<b>South Atlantic</b>																		
<b>DELAWARE.</b>																		
White farmers:																		
Total.....	9,914	8,809	981,893	1,013,662	676,462	851,174,267												
Owners.....	5,772	4,348	469,212	487,390	312,833	26,627,515												
Managers.....	107	116	113,420	141,621	15,553	1,539,489												
Tenants.....	4,035	4,345	393,261	384,651	348,106	22,916,271												
Colored farmers:																		
Total.....	922	818	56,973	52,566	37,076	1,981,716												
Owners.....	469	332	13,015	12,373	9,274	647,551												
Managers.....	16	15	2,395	1,523	2,034	145,800												
Tenants.....	500	471	40,963	38,669	25,768	1,288,365												
<b>MARYLAND.</b>																		
White farmers:																		
Total.....	42,531	40,169	4,998,623	4,795,774	3,136,185	21,467,339												
Owners.....	29,569	28,251	2,782,279	2,598,151	1,832,911	128,888,522												
Managers.....	901	947	193,930	199,449	120,254	23,266,191												
Tenants.....	12,061	12,971	1,721,414	1,904,174	1,209,019	79,285,216												
Colored farmers:																		
Total.....	6,372	5,843	358,517	374,301	218,582	10,269,784												
Owners.....	5,950	5,362	322,029	310,491	76,564	3,924,772												
Managers.....	87	105	15,361	12,305	9,015	1,172,559												
Tenants.....	2,335	2,476	223,117	260,505	133,003	5,172,461												
<b>DISTRICT OF COLUMBIA.</b>																		
White farmers:																		
Total.....	205	232	5,968	8,181	5,038	8,141,943												
Owners.....	110	128	2,371	2,779	2,069	2,211,400												
Managers.....	14	18	1,452	1,984	1,229	3,232,833												
Tenants.....	81	106	2,145	3,418	1,740	2,927,700												
Colored farmers:																		
Total.....	12	17	9	9	93	89,400												
Owners.....	8	8	5	5	58	48,400												
Managers.....	1	2	4	21	4	8,000												
Tenants.....	3	10	33	23	33	33,000												
<b>VIRGINIA.</b>																		
White farmers:																		
Total.....	135,904	123,022	17,237,416	17,078,765	8,798,582	486,833,558												
Owners.....	101,436	87,587	13,512,122	12,726,854	6,802,428	374,781,731												
Managers.....	1,445	1,897	630,340	715,678	366,822	26,023,611												
Tenants.....	33,023	33,566	3,292,954	4,138,223	1,690,940	86,028,186												
Colored farmers:																		
Total.....	48,114	44,834	2,238,220	2,229,118	1,111,208	45,224,504												
Owners.....	22,228	26,560	1,381,222	1,601,331	669,358	28,059,334												
Managers.....	87	105	29,285	34,960	14,046	1,330,515												
Tenants.....	15,700	15,069	827,012	1,162,827	427,804	15,834,155												
<b>WEST VIRGINIA.</b>																		
White farmers:																		
Total.....	95,977	92,132	9,991,901	10,612,929	5,501,500	263,314,569												
Owners.....	75,420	70,995	8,158,238	8,933,663	4,591,581	206,256,275												
Managers.....	865	1,046	289,847	357,465	133,222	9,999,570												
Tenants.....	19,692	20,101	1,949,816	1,731,839	776,687	46,358,383												
Colored farmers:																		
Total.....	708	742	34,341	41,584	20,257	1,676,394												
Owners.....	538	584	23,927	25,797	14,222	738,201												
Managers.....	7	8	655	1,529	602	35,665												
Tenants.....	143	200	7,929	14,258	5,133	302,453												
<b>NORTH CAROLINA.</b>																		
White farmers:																		
Total.....	188,069	169,773	19,233,325	19,794,218	7,082,344	387,358,301												
Owners.....	123,677	113,022	14,438,827	15,096,578	5,027,216	282,524,062												
Managers.....	1,944	2,952	563,385	593,947	314,000	1,835,944												
Tenants.....	63,148	58,785	4,231,113	4,316,693	1,960,300	9,118,245												
Colored farmers:																		
Total.....	65,656	54,564	3,185,804	2,955,138	1,730,712	69,296,216												
Owners.....	21,443	17,820	1,197,496	965,452	512,927	22,810,089												
Managers.....	174	124	39,000	45,000	23,000	100,000												
Tenants.....	44,139	37,223	1,969,310	1,950,181	1,212,901	45,889,127												
<b>SOUTH CAROLINA.</b>																		
White farmers:																		
Total.....	79,636	69,954	9,751,532	10,192,983	3,499,773	223,888,327												
Owners.....	43,978	40,447	6,933,459	7,265,012	2,261,451	166,591,021												
Managers.....	732	874	904,958	619,560	126,932	10,305,245												
Tenants.....	34,926	28,635	2,115,135	2,308,536	1,111,412	59,992,061												
Colored farmers:																		
Total.....	79,836	69,501	3,849,476	3,792,075	2,368,224	98,995,754												
Owners.....	20,372	18,970	1,008,044	962,067	539,547	22,112,294												
Managers.....	131	180	42,454	46,170	14,874	980,894												
Tenants.....	76,295	66,251	2,799,978	2,783,239	2,044,903	75,906,569												
<b>GEORGIA.</b>																		
White farmers:																		
Total.....	168,468	171,865	19,861,362	20,917,083	7,500,455	500,320,600												
Owners.....	82,500	77,154	13,501,789	14,623,145	4,286,899	219,080,800												
Managers.....	1,296	1,394	731,971	742,501	297,154	16,895,884												
Tenants.....	84,242	93,317	5,628,002	5,551,437	2,916,402	114,343,800												
Colored farmers:																		
Total.....	122,550	82,826	7,092,051	5,474,974	3,071,502	128,583,732												
Owners.....	15,698	11,375	1,849,503	924,262	644,396	20,546,910												
Managers.....	123	208	27,555	32,678	11,210	75,000												
Tenants.....	106,728	71,243	5,714,473	4,518,034	2,416,096	107,961,785												
<b>FLORIDA.</b>																		
White farmers:																		
Total.....	35,295	27,288	4,484,533	3,646,691	1,322,055	60,230,421												
Owners.....	28,101	22,432	3,828,108	3,110,913	1,058,974	82,746,577												
Managers.....	1,174	917	270,767	196,295	72,213	15,675,141												
Tenants.....	6,020	3,939	385,858	339,483	193,867	7,808,532												

1 Figures for 1900 include Indian Territory.

FARMS, CLASSIFIED BY SIZE.

In adopting the size groups into which farms are classified, the Census Bureau has taken account of the fact that in large sections of the country the boundaries of very many of the farms correspond more or less closely to the Government surveys of public land. The Government land has for the most part been sold or otherwise disposed of in quarter sections, containing 160 acres or approximately that amount; and where these have been broken up they have commonly been

subdivided into "quarter-quarters," or 40-acre tracts. The greater number of farms, therefore, in a large part of the country, contain either 160 acres or some other multiple of 40 acres.

United States as a whole: 1910 and 1900.—Table 22 shows, for 1910 and 1900, the number of farms in each of the various size groups, and also the acreage for a smaller number of groups, for the United States as a whole.

TABLE 22 SIZE GROUP.	NUMBER OF FARMS.				ALL LAND IN FARMS (ACRES).				PER CENT OF TOTAL.			
	1910	1900	Increase.		1910	1900	Increase. <sup>1</sup>		Number of farms.		All land in farms.	
			Number.	Per cent.			Amount.	Per cent.	1910	1900	1910	1900
All farms.....	6,381,502	5,737,372	624,130	10.9	878,798,325	838,591,774	40,206,551	4.8	100.0	100.0	100.0	100.0
Under 20 acres.....	839,166	673,570	165,596	24.5	8,793,820	7,180,839	1,612,981	22.5	13.2	11.7	1.0	0.9
Under 3 acres.....	15,033	41,385	(?)						0.3	0.7		
3 to 9 acres.....	317,010	225,844	91,166	40.4					5.0	3.9		
10 to 19 acres.....	504,123	406,641	97,482	24.0					7.9	7.1		
20 to 49 acres.....	1,414,376	1,257,496	156,880	12.5	45,378,449	41,536,128	3,842,321	9.3	22.2	21.9	5.2	5.0
50 to 99 acres.....	1,438,059	1,396,038	42,021	3.3	103,139,868	98,591,699	4,539,169	4.6	22.6	23.8	11.7	11.8
100 to 174 acres.....	1,516,286	1,422,262	94,024	6.6	205,480,985	192,690,321	12,890,264	4.6	23.8	24.8	23.4	23.0
175 to 499 acres.....	978,175	868,020	110,155	12.7	265,289,069	232,954,615	32,334,554	13.9	15.4	15.1	30.2	27.8
500 to 999 acres.....	334,194	490,969	44,122	9.0					8.4	8.5		
1,000 to 269 acres.....	443,984	377,951	66,033	17.5					7.0			
500 to 999 acres.....	125,295	102,526	22,769	22.2	83,653,487	67,864,116	15,789,371	23.3	2.0	2.0	9.5	8.1
1,000 acres and over.....	50,135	47,160	2,975	6.3	167,082,047	197,784,156	-30,702,109	-15.5	0.8	0.8	19.0	23.6

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Data for 1910 and 1900 not comparable. (See text.)

This table shows that in 1910 more than two-thirds of the farms of the country (68.6 per cent) were between 20 and 175 acres in size. The most numerous single group was that comprising farms of 100 to 174 acres, which constituted 23.8 per cent of the total number. Farms of 50 to 99 acres, and those of 20 to 49 acres, which comprised 22.6 per cent and 22.2 per cent, respectively, of the total number, were nearly as numerous.

The distribution of the total acreage of farms among the several size groups is of course radically different from the distribution of the number of farms. Farms of 175 to 499 acres, which in 1910 formed only 15.4 per cent of the whole number of farms, contained 30.2 per cent of the total farm acreage of the country, and constituted the most important group with respect to acreage. Farms of 100 to 174 acres ranked next in importance in this respect. These two groups together comprised somewhat over one-half (53.6 per cent) of the total acreage. Next to these groups in acreage were the farms of 1,000 acres and over, which are chiefly found in the West, and which comprised 19 per cent of the total acreage, but only 0.8 per cent of the total number. On the other hand, farms under 20 acres in size, although relatively numerous (representing 13.2 per cent of the total number), comprised only 1 per cent of the farm acreage of the country.

The only group in which the number of farms decreased absolutely between 1900 and 1910 is that consisting of places under 3 acres in size, which at both

censuses were few in number. The number of such places shown for 1910 is 56.4 per cent smaller than that shown for 1900, and there was a decrease in this group in every geographic division except the Mountain division. This decrease, however, is without question due chiefly, if not wholly, to changes in the census definition of what constitutes a farm, and no conclusion of value can be drawn from the data.

In both number and acreage, farms of the groups from 50 to 174 acres increased less rapidly between 1900 and 1910 than those of the groups from 3 to 49 acres or from 175 to 999 acres. Farms of 1,000 acres and over increased somewhat in number, but comprised a smaller acreage in 1910 than in 1900. Consequently the percentages showing the distribution of the number and acreage of farms among size groups for 1910 differ somewhat from those for 1900. It may be noted that in a general way the changes during the past decade with reference to the relative importance of farms of the different size groups are continuations of changes which have been going on at least since 1880 and possibly for a longer time.

Number, acreage, and value of farms of the principal size groups, by divisions: 1910 and 1900.—Table 23, on the following page, presents statistics for each geographic division, showing the number of farms, total and improved acreage, and value of land and buildings for 1910 and 1900, respectively, by size groups, together with the percentage of the several totals represented in each size group.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS CLASSIFIED BY SIZE, WITH PERCENTAGES, BY DIVISIONS: 1910 AND 1900.

Table 23 DIVISION AND SIZE GROUP.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		PER CENT OF TOTAL.		
	1910	1900	1910	1900	1910	1900	1910	1900	Number of farms.	Improved land in farms.	Value of land and buildings.
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910
<b>UNITED STATES</b>											
Total.....	6,381,522	5,737,372	878,798,322	638,591,774	478,653,750	414,498,487	\$34,801,125,697	\$16,614,647,491	100.0	100.0	100.0
Under 20 acres.....	839,166	873,170	7,933,820	7,180,633	7,991,543	6,440,447	1,309,907,611	832,723,627	12.2	17.1	1.0
20 to 49 acres.....	1,414,374	1,257,459	45,378,441	41,536,133	36,598,022	33,095,734	2,446,471,119	2,048,802,337	22.2	21.9	5.2
50 to 99 acres.....	1,651,661	1,566,033	60,870,878	55,891,689	47,155,266	47,344,759	5,629,516,823	5,183,861,663	22.2	11.7	11.8
100 to 174 acres.....	1,516,286	1,422,322	226,486,650	192,650,321	128,833,538	118,396,708	9,405,391,854	7,126,920,233	28.8	24.8	24.8
175 to 499 acres.....	978,175	865,920	265,389,222	254,151,133	161,774,092	153,530,643	11,762,614,966	9,148,777,147	15.4	15.1	30.6
500 to 999 acres.....	125,285	102,822	63,637,487	67,884,116	40,937,710	48,474,642	8,483,162,122	9,747,730,740	2.0	1.8	8.5
1,000 acres and over.....	50,135	47,167	167,902,947	197,784,136	31,262,771	24,317,154	2,325,969,303	3,025,944,287	0.8	0.8	19.0
<b>NEW ENGLAND.</b>											
Total.....	188,802	191,888	19,714,331	20,548,999	7,254,904	8,134,403	718,544,806	528,257,748	100.0	100.0	100.0
Under 20 acres.....	34,304	28,018	296,913	278,284	251,463	204,479	57,749,892	50,340,473	12.9	14.8	0.4
20 to 49 acres.....	63,822	33,805	1,101,352	1,154,959	575,963	575,963	109,415,227	75,887,881	17.9	17.6	5.5
50 to 99 acres.....	45,002	49,389	3,210,561	3,470,874	1,427,599	1,569,807	143,027,415	112,416,638	23.1	25.7	16.8
100 to 174 acres.....	44,019	48,032	9,475,473	10,442,138	2,198,053	2,507,534	167,377,293	128,858,450	23.2	23.0	28.3
175 to 499 acres.....	38,808	30,607	7,062,745	7,522,491	2,334,708	2,755,789	1,103,154,522	1,266,307,890	14.8	15.5	36.8
500 to 999 acres.....	2,159	2,133	1,324,539	1,288,248	312,640	358,062	27,992,625	17,867,540	1.1	1.1	6.7
1,000 acres and over.....	783	497	1,122,884	854,369	174,538	137,646	18,747,894	5,805,160	0.5	0.3	5.7
<b>MIDDLE ATLANTIC.</b>											
Total.....	468,379	485,618	43,191,056	44,800,000	29,320,894	30,786,211	2,422,949,161	1,948,997,940	100.0	100.0	100.0
Under 20 acres.....	80,919	75,165	351,543	371,639	645,000	629,450	161,000,010	161,000,010	17.3	15.5	1.7
20 to 49 acres.....	108,374	84,330	2,990,184	2,821,653	2,014,726	2,225,598	287,713,829	226,545,240	16.7	17.4	6.2
50 to 99 acres.....	139,702	142,941	9,335,076	10,107,370	7,028,777	7,631,899	597,452,188	576,293,240	27.6	29.3	21.6
100 to 174 acres.....	123,756	129,501	15,710,499	16,437,261	11,230,267	11,835,314	757,538,229	624,647,267	24.0	26.7	36.4
175 to 499 acres.....	52,319	51,813	12,531,372	12,362,281	7,725,162	7,773,729	485,135,975	388,060,916	18.8	19.5	28.0
500 to 999 acres.....	1,848	1,907	1,154,723	1,181,884	494,622	476,042	46,416,457	43,970,700	0.4	0.4	2.7
1,000 acres and over.....	1,469	559	1,114,725	1,207,994	187,920	188,292	30,988,780	37,500,200	0.1	0.1	2.6
<b>EAST NORTH CENTRAL.</b>											
Total.....	1,123,489	1,135,823	117,623,918	116,340,716	862,478,226	866,670,271	8,873,993,794	4,912,597,440	100.0	100.0	100.0
Under 20 acres.....	190,073	190,073	1,023,397	978,284	882,260	869,566	200,903,704	182,520,100	12.9	14.8	0.8
20 to 49 acres.....	197,164	230,411	6,907,601	8,185,211	5,437,794	6,394,880	373,805,470	417,603,477	17.6	20.3	5.9
50 to 99 acres.....	340,940	349,291	25,448,460	26,171,781	19,622,117	19,964,780	1,776,191,391	1,076,600,430	30.3	30.8	21.6
100 to 174 acres.....	300,629	300,629	40,628,629	40,628,629	31,554,448	31,554,448	2,554,448,629	2,554,448,629	27.6	29.3	21.6
175 to 499 acres.....	155,385	146,901	38,250,933	39,115,424	26,055,359	26,554,253	2,985,416,971	1,509,224,710	13.8	12.9	32.4
500 to 999 acres.....	5,147	5,147	3,265,712	3,451,901	2,027,345	2,195,809	201,406,674	126,281,229	0.5	0.5	2.7
1,000 acres and over.....	763	991	1,406,945	1,502,006	570,138	665,961	62,176,538	36,318,960	0.1	0.1	1.2
<b>WEST NORTH CENTRAL.</b>											
Total.....	1,109,948	1,060,744	232,648,121	230,008,713	164,284,862	165,645,828	11,614,645,661	6,521,282,998	100.0	100.0	100.0
Under 20 acres.....	62,336	47,659	475,532	464,511	423,462	403,743	122,956,516	571,964,984	4.7	4.5	0.2
20 to 49 acres.....	91,971	110,718	3,236,633	3,984,437	2,500,299	3,047,189	229,408,450	146,834,530	5.3	10.4	1.4
50 to 99 acres.....	131,345	142,490	10,400,000	10,400,000	7,848,000	8,000,000	1,848,000,000	1,848,000,000	16.1	17.7	2.3
100 to 174 acres.....	368,669	354,794	33,137,842	34,223,254	39,724,322	38,166,400	3,121,913,918	1,370,979,808	32.2	33.2	23.9
175 to 499 acres.....	346,875	328,178	71,815,627	71,815,627	50,185,627	69,221,560	5,185,627,000	2,907,589,128	31.3	37.2	33.9
500 to 999 acres.....	56,179	56,179	3,138,133	24,471,401	2,240,827	14,258,423	872,838,317	3,048,160,000	3.0	3.4	16.0
1,000 acres and over.....	12,875	10,659	25,420,301	22,808,240	10,800,433	7,028,127	544,599,254	1,182,960,000	1.2	1.0	10.8
<b>SOUTH ATLANTIC.</b>											
Total.....	1,111,881	992,225	163,782,627	167,207,506	48,479,723	46,100,226	2,486,436,474	1,306,349,618	100.0	100.0	100.0
Under 20 acres.....	186,965	147,163	1,991,881	1,523,823	1,760,123	1,329,173	148,699,919	60,017,530	16.8	15.3	1.9
20 to 49 acres.....	354,207	265,625	11,625,210	8,509,866	8,821,382	6,688,678	307,772,254	136,930,190	31.9	27.6	8.2
50 to 99 acres.....	251,901	216,522	17,173,796	17,741,922	10,013,756	8,482,251	467,510,682	201,200,600	22.7	22.5	16.5
100 to 174 acres.....	181,336	181,290	22,997,296	22,874,871	10,825,265	10,744,477	554,622,343	273,877,870	13.8	18.8	22.1
175 to 499 acres.....	108,519	128,541	31,000,673	34,062,583	12,204,756	13,206,834	637,034,694	634,705,180	10.6	13.4	29.9
500 to 999 acres.....	14,555	17,191	9,654,383	11,082,094	2,879,471	3,382,119	172,577,094	92,971,250	1.3	1.8	9.1
1,000 acres and over.....	5,027	5,880	10,220,116	11,452,391	1,885,008	2,178,684	146,445,216	267,508,000	0.5	0.6	9.8
<b>EAST SOUTH CENTRAL.</b>											
Total.....	1,042,849	908,313	103,448,121	107,247,643	43,946,846	40,237,337	1,728,799,939	933,780,823	100.0	100.0	100.0
Under 20 acres.....	211,614	153,359	2,425,330	1,834,560	2,380,281	1,715,807	127,897,660	51,232,040	20.3	17.0	3.0
20 to 49 acres.....	350,256	280,010	10,670,511	8,842,608	8,831,183	7,190,044	300,677,828	140,015,630	33.6	31.0	13.1
50 to 99 acres.....	222,794	218,014	18,369,647	19,864,073	11,746,819	12,601,507	1,148,000,960	1,171,279,800	17.7	20.7	18.8
100 to 174 acres.....	157,414	159,531	20,216,553	20,730,779	12,281,319	9,837,663	718,318,699	620,282,003	11.1	11.7	24.8
175 to 499 acres.....	86,297	92,782	22,187,511	24,100,829	9,710,952	9,848,627	424,088,873	254,611,140	8.5	10.2	27.9
500 to 999 acres.....	8,286	9,777	5,421,398	6,173,891	1,804,628	1,941,233	140,214,667	61,645,550	0.8	1.1	6.7
1,000 acres and over.....	2,527	2,939	4,437,653	29,106,161	1,042,964	1,070,215	71,586,903	39,886,000	0.2	0.3	5.9
<b>WEST SOUTH CENTRAL.</b>											
Total.....	943,186	754,853	109,149,176	107,491,202	58,294,273	39,770,530	3,128,596,882	1,388,891,068	100.0	100.0	100.0
Under 20 acres.....	186,965	147,163	1,991,881	1,523,823	1,760,123	1,329,173	148,699,919	60,017,530	16.8	15.3	1.9
20 to 49 acres.....	354,207	265,625	11,625,210	8,509,866	8,821,382	6,688,678	307,772,254	136,930,190	31.9	27.6	8.2
50 to 99 acres.....	251,901	216,522	17,173,796	17,741,922	10,013,756	8,482,251	467,510,682	201,200,600	22.7	22.5	16.5
100 to 174 acres.....	181,336	181,290	22,997,296	22,874,871	10,825,265	10,744,477	554,622,343	273,877,870	13.8	18.8	22.1
175 to 499 acres.....	108,519	128,541	31,000,673	34,062,583	12,204,756	13,206,834	637,034,694	634,705,180	10.6	13.4	29.9
500 to 999 acres.....	14,555	17,191	9,654,383	11,082,094	2,879,471	3,382,119	172,577,094	92,971,250	1.3	1.8	9.1
1,000 acres and over.....	5,027	5,880	10,220,116	11,452,391	1,885,008	2,178,684	146,445,216	267,508,000	0.5	0.6	9.8
<b>MOUNTAIN.</b>											
Total.....	185,446	141,327	59,533,420	46,307,284	15,915,002	8,402,576	1,319,396,672	393,619,672	100.0	100.0	100.0
Under 20 acres.....	25,426	16,366	180,489	129,663	162,718	109,721	54,940,190	15,077,028	12.8	16.2	0.3
20 to 49 acres.....	19,383	12,086	642,802	422,912	497,768	300,588	87,355,933	21,245,087	10.6	12.5	1.1
50 to 99 acres.....	21,433	21,433	1,181,329	1,283,724	6,905,847	6,061,507	259,644,834				

The three northeastern divisions of the country—the New England, Middle Atlantic, and East North Central, show in general somewhat similar conditions with respect to the size of farms. In each the farms of 50 to 99 acres constituted in 1910 the most numerous group, and those of 100 to 174 acres the next most numerous. The group comprising farms of 100 to 174 acres is first in importance as respects acreage in two of these divisions and second in the other. The West North Central division, which has been more recently settled, differs considerably from the other three northern divisions. In this division the most numerous group is that comprising farms of 100 to 174 acres, and the most important group from the standpoint of acreage is that comprising farms of 175 to 499 acres. In the South Atlantic and East South Central divisions conditions in regard to size of farms are approximately alike. In each the small farms of 20 to 49 acres are the most numerous, but the farms of 175 to 499 acres contain a larger proportion of the total acreage than any other group. In the West South Central, Mountain, and Pacific divisions, in which there are still many great stock ranches, the farms of 1 000 acres and over are the most important in acreage. In the West South Central division, however, because of the presence of many small tenant farms in the cotton belt, the group comprising farms of 20 to 49 acres is more numerous than any other; in the Pacific division because of the many small fruit farms, the farms of less than 20 acres form the most numerous group; and in the Mountain division farms of 100 to 174 acres lead in number.

Comparing the percentages for 1910 in this table with those for 1900, it may be seen that the groups which stood first and second, respectively, in number and those which stood first and second in acreage were in almost every division the same at both censuses. Nevertheless there have been considerable changes in the relative importance of some of the groups. In all of the divisions except the West North Central the number of farms of 1 000 acres and over was either relatively less in 1910 than in 1900 or maintained the same proportion; and in all of the divisions except New England these large farms contained a smaller proportion of the total acreage of farm land at the later census than at the earlier. On the other hand, in all except the West South Central and Mountain divisions, farms of less than 20 acres constituted a larger proportion of the total number in 1910 than in 1900, and in all except the East and West North Central and Mountain divisions—in which the proportion was the same at both censuses—such farms contained a larger proportion of the acreage in the later year than in the earlier. Other changes were less nearly uniform among the divisions. In the South Atlantic and East South Central divisions the small farms of less than 20 acres were of relatively greater importance in number

and acreage in 1910 than in 1900 on account of the continued breaking up of plantations into smaller farms, chiefly operated by tenants. In the West South Central and Mountain divisions the breaking up of many ranches of 1 000 acres and over has been accompanied by an increase in the relative importance, as measured by acreage of all of the other size groups, and the same is true, for the most part, of the Pacific division.

Table 24 shows, by divisions, the percentage of increase in number and acreage for farms of the size groups shown in the preceding table.

Table 24

DIVISION AND ITEM.	PER CENT OF INCREASE: <sup>1</sup> 1900 TO 1910							
	All farms	Under 20 acres.	20 to 49 acres.	50 to 99 acres.	100 to 174 acres.	175 to 499 acres.	500 acres and over.	1,000 acres and over.
<b>United States:</b>								
Number of farms.....	10.9	24.5	12.5	5.3	6.4	12.7	22.2	6.3
Acreage of farm land.....	4.8	22.5	9.3	4.6	6.4	13.6	23.3	-15.5
<b>NEW ENGLAND:</b>								
Number of farms.....	-1.6	22.4	0.1	-7.0	-8.4	-6.7	0.3	16.3
Acreage of farm land.....	-4.1	14.9	-2.9	-7.2	-7.7	-9.1	2.8	36.2
<b>MIDDLE ATLANTIC:</b>								
Number of farms.....	-3.5	7.7	-7.1	-8.2	-4.4	1.0	-3.1	-16.1
Acreage of farm land.....	-3.7	4.1	-8.0	-7.6	4.5	1.4	-2.3	-8.9
<b>EAST NORTH CENTRAL:</b>								
Number of farms.....	1.1	8.2	-14.4	-2.7	4.6	5.9	-7.6	-19.8
Acreage of farm land.....	-1.4	3.5	-15.6	-2.9	4.3	5.9	-7.1	6.4
<b>WEST NORTH CENTRAL:</b>								
Number of farms.....	4.6	10.3	-16.3	-14.5	3.6	36.4	32.5	21.1
Acreage of farm land.....	15.7	2.4	-19.1	-14.2	3.7	21.8	51.8	8.7
<b>SOUTH ATLANTIC:</b>								
Number of farms.....	15.6	27.0	33.3	16.3	(*)	-8.3	-15.3	-14.7
Acreage of farm land.....	-0.5	30.7	29.7	16.1	0.1	-9.0	-14.7	-10.8
<b>EAST SOUTH CENTRAL:</b>								
Number of farms.....	15.4	38.0	25.1	10.3	-1.3	-7.0	-14.1	-14.0
Acreage of farm land.....	0.3	35.9	20.7	10.1	-2.5	-7.9	-12.2	-8.7
<b>WEST SOUTH CENTRAL:</b>								
Number of farms.....	24.9	30.2	15.1	34.2	25.5	43.3	21.2	-5.3
Acreage of farm land.....	-4.2	17.3	15.1	31.9	23.5	44.0	22.8	-30.1
<b>MOUNTAIN:</b>								
Number of farms.....	81.0	43.1	52.8	71.9	90.7	137.4	72.6	38.8
Acreage of farm land.....	28.3	39.2	32.0	70.5	91.2	138.0	67.0	-7.6
<b>PACIFIC:</b>								
Number of farms.....	34.1	84.6	76.1	43.5	6.8	5.2	15.7	16.4
Acreage of farm land.....	3.3	71.3	76.1	40.5	3.5	3.5	16.4	4.8

<sup>1</sup> A minus sign (-) denotes decrease. <sup>2</sup> Less than one-tenth of 1 per cent.

Table 25, on the following page, shows, by geographic divisions, the percentage which improved land forms of all farm land in each size group, and the average value of land and buildings per farm and per acre.

As might be expected, small farms have, in general, a higher percentage of improved land than large farms. In the United States as a whole, in 1910, 90.9 per cent of the acreage of the farms under 20 acres in size consisted of improved land, while only 18.7 per cent of the acreage of farms of 1,000 acres and over was improved.

The differences among the several size groups with reference to the proportion of farm land improved naturally tend to bring about corresponding differences in the average value of all farm land per acre. Moreover, the largest farms are commonly in sections of the country not easily accessible to markets, where land values are relatively low. Furthermore, on the smaller farms buildings are in most cases of relatively greater importance than on the larger farms. Consequently it is not surprising that in the United States as a whole the average value of land and buildings per

acre in farms ranged in 1910 from \$148.96 for farms of less than 20 acres to \$13.92 for farms of 1,000 acres

and over, and that the average value per acre decreases uniformly as the size of the farms increases.

Table 25

DIVISION AND SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
			Per farm.		Per acre.				Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>UNITED STATES</b>												
Total.....	54.4	48.4	85,471	82,898	\$39.60	\$19.81	46.7	44.2	\$2,236	\$1,254	\$23.96	\$11.57
Under 20 acres.....	80.0	80.7	1,861	939	148.96	86.11	58.4	57.2	795	408	74.62	39.69
20 to 49 acres.....	80.8	78.4	1,787	1,053	54.77	31.88	79.9	75.6	1,033	515	32.15	16.69
50 to 99 acres.....	69.0	68.3	3,497	2,967	48.77	28.64	58.3	57.3	1,856	930	27.22	13.21
100 to 174 acres.....	62.7	61.4	6,202	3,344	45.77	24.46	47.4	47.0	2,949	1,544	23.34	12.24
175 to 499 acres.....	49.0	48.2	12,928	5,831	44.33	22.49	39.6	39.0	5,573	2,857	21.19	10.71
500 to 999 acres.....	48.8	43.4	18,919	9,248	28.68	14.97	30.0	30.5	11,643	5,408	18.23	9.39
1,000 acres and over.....	18.7	12.3	46,378	21,738	13.92	6.18	18.4	19.0	27,938	11,975	13.74	6.16
<b>NEW ENGLAND.</b>												
Total.....	32.8	39.6	3,808	2,753	36.45	25.71	53.9	49.5	1,668	1,034	21.32	11.49
Under 20 acres.....	71.9	72.6	2,753	1,668	208.22	309.86	85.8	85.5	580	338	59.41	31.63
20 to 49 acres.....	32.8	33.3	2,939	2,425	90.27	66.89	83.7	81.4	858	500	28.18	15.83
50 to 99 acres.....	44.5	45.4	3,114	2,276	44.55	32.48	62.0	60.4	1,512	835	21.75	11.99
100 to 174 acres.....	39.4	41.5	3,777	2,682	35.08	21.38	50.9	47.5	2,397	1,318	18.68	10.14
175 to 499 acres.....	33.1	36.6	6,103	4,211	23.81	16.89	43.8	49.9	4,914	2,798	19.11	10.77
500 to 999 acres.....	32.8	27.5	12,367	8,419	21.13	13.94	34.3	31.4	11,932	6,305	18.61	9.98
1,000 acres and over.....	15.5	16.7	35,083	17,117	16.61	10.68	21.5	20.2	28,239	13,571	14.82	7.84
<b>MIDDLE ATLANTIC.</b>												
Total.....	67.9	68.6	5,216	4,013	55.56	45.45	54.4	52.5	3,317	1,599	18.30	6.45
Under 20 acres.....	85.8	87.2	2,913	2,151	313.71	224.06	93.3	95.8	711	377	58.38	30.19
20 to 49 acres.....	77.6	78.9	3,671	2,686	110.82	80.29	86.7	86.8	1,013	542	31.68	16.94
50 to 99 acres.....	75.3	75.7	4,471	3,474	64.00	45.92	68.3	67.3	2,027	981	28.86	13.72
100 to 174 acres.....	71.5	71.9	6,121	4,823	48.22	37.96	60.3	61.0	3,526	1,466	25.06	10.66
175 to 499 acres.....	61.6	62.9	9,312	7,501	38.87	31.44	46.2	37.2	6,210	2,545	23.01	9.48
500 to 999 acres.....	42.8	46.3	25,117	18,963	40.20	29.06	29.7	27.2	12,607	5,046	18.86	7.76
1,000 acres and over.....	16.9	15.6	36,074	31,431	27.87	14.54	3.2	3.6	45,613	20,766	8.76	2.94
<b>EAST NORTH CENTRAL.</b>												
Total.....	75.4	74.5	7,899	4,325	75.25	42.83	26.7	18.1	7,192	3,342	22.16	7.30
Under 20 acres.....	89.1	89.3	2,225	1,258	240.36	140.37	90.2	84.6	2,344	921	304.21	116.23
20 to 49 acres.....	77.5	78.1	2,777	1,823	79.28	45.68	77.4	74.4	1,875	1,350	30.54	16.29
50 to 99 acres.....	74.4	74.2	5,210	3,072	69.89	41.05	65.3	60.8	5,999	2,922	30.02	16.39
100 to 174 acres.....	73.6	75.2	6,533	5,485	72.90	41.46	55.0	38.6	4,359	2,606	28.30	13.45
175 to 499 acres.....	74.3	73.5	19,188	13,003	43.33	17.75	42.7	40.8	14,163	8,163	20.01	11.65
500 to 999 acres.....	63.2	63.6	43,047	22,694	69.07	36.61	34.5	30.3	16,824	7,845	23.71	10.83
1,000 acres and over.....	40.6	44.3	81,490	38,400	44.22	24.24	14.4	7.0	46,972	20,599	10.51	3.07
<b>WEST NORTH CENTRAL.</b>												
Total.....	76.6	67.5	10,466	4,855	49.92	23.14	42.9	39.6	13,050	6,351	48.28	20.17
Under 20 acres.....	89.1	86.9	2,622	1,210	278.63	124.13	85.9	85.2	5,326	2,888	599.54	301.70
20 to 49 acres.....	78.0	76.9	2,723	1,323	78.12	36.96	72.0	70.8	7,783	3,850	54.01	126.16
50 to 99 acres.....	75.7	75.1	4,835	3,008	61.23	37.88	62.0	61.0	5,850	3,400	33.80	16.24
100 to 174 acres.....	74.8	74.5	8,468	3,864	58.75	28.70	50.0	37.3	8,914	4,375	55.93	22.62
175 to 499 acres.....	78.8	73.5	15,673	9,966	54.45	24.49	43.7	40.8	16,984	7,030	60.58	23.62
500 to 999 acres.....	74.3	75.3	22,117	18,963	43.33	17.75	32.7	32.4	22,714	12,825	30.01	14.65
1,000 acres and over.....	43.4	30.8	42,599	17,867	21.78	8.31	32.4	30.4	67,192	30,223	21.76	11.44
<b>SOUTH ATLANTIC.</b>												
Total.....	46.7	44.2	\$2,236	\$1,254	\$23.96	\$11.57	53.9	49.5	1,668	1,034	21.32	11.49
Under 20 acres.....	58.4	57.2	795	408	74.62	39.69	85.8	85.5	580	338	59.41	31.63
20 to 49 acres.....	58.3	57.3	1,856	930	27.22	13.21	83.7	81.4	858	500	28.18	15.83
50 to 99 acres.....	62.0	60.4	1,512	835	21.75	11.99	68.3	67.3	1,013	542	31.68	16.94
100 to 174 acres.....	47.4	47.0	2,949	1,544	23.34	12.24	50.9	47.5	2,397	1,318	18.68	10.14
175 to 499 acres.....	39.6	39.0	5,573	2,857	21.19	10.71	43.8	49.9	4,914	2,798	19.11	10.77
500 to 999 acres.....	30.0	30.5	11,643	5,408	18.23	9.39	34.3	31.4	11,932	6,305	18.61	9.98
1,000 acres and over.....	18.4	19.0	27,938	11,975	13.74	6.16	21.5	20.2	28,239	13,571	14.82	7.84
<b>EAST SOUTH CENTRAL.</b>												
Total.....	53.9	49.5	1,668	1,034	21.32	11.49	53.9	49.5	1,668	1,034	21.32	11.49
Under 20 acres.....	85.8	85.5	580	338	59.41	31.63	85.8	85.5	580	338	59.41	31.63
20 to 49 acres.....	83.7	81.4	858	500	28.18	15.83	83.7	81.4	858	500	28.18	15.83
50 to 99 acres.....	62.0	60.4	1,512	835	21.75	11.99	68.3	67.3	1,013	542	31.68	16.94
100 to 174 acres.....	47.4	47.0	2,949	1,544	23.34	12.24	50.9	47.5	2,397	1,318	18.68	10.14
175 to 499 acres.....	39.6	39.0	5,573	2,857	21.19	10.71	43.8	49.9	4,914	2,798	19.11	10.77
500 to 999 acres.....	30.0	30.5	11,643	5,408	18.23	9.39	34.3	31.4	11,932	6,305	18.61	9.98
1,000 acres and over.....	18.4	19.0	27,938	11,975	13.74	6.16	21.5	20.2	28,239	13,571	14.82	7.84
<b>WEST SOUTH CENTRAL.</b>												
Total.....	53.9	49.5	1,668	1,034	21.32	11.49	53.9	49.5	1,668	1,034	21.32	11.49
Under 20 acres.....	85.8	85.5	580	338	59.41	31.63	85.8	85.5	580	338	59.41	31.63
20 to 49 acres.....	83.7	81.4	858	500	28.18	15.83	83.7	81.4	858	500	28.18	15.83
50 to 99 acres.....	62.0	60.4	1,512	835	21.75	11.99	68.3	67.3	1,013	542	31.68	16.94
100 to 174 acres.....	47.4	47.0	2,949	1,544	23.34	12.24	50.9	47.5	2,397	1,318	18.68	10.14
175 to 499 acres.....	39.6	39.0	5,573	2,857	21.19	10.71	43.8	49.9	4,914	2,798	19.11	10.77
500 to 999 acres.....	30.0	30.5	11,643	5,408	18.23	9.39	34.3	31.4	11,932	6,305	18.61	9.98
1,000 acres and over.....	18.4	19.0	27,938	11,975	13.74	6.16	21.5	20.2	28,239	13,571	14.82	7.84
<b>MOUNTAIN.</b>												
Total.....	26.7	18.1	7,192	3,342	22.16	7.30	26.7	18.1	7,192	3,342	22.16	7.30
Under 20 acres.....	90.2	84.6	2,344	921	304.21	116.23	90.2	84.6	2,344	921	304.21	116.23
20 to 49 acres.....	77.4	74.4	1,875	1,350	30.54	16.29	77.4	74.4	1,875	1,350	30.54	16.29
50 to 99 acres.....	65.3	60.8	5,999	2,922	30.02	16.39	65.3	60.8	5,999	2,922	30.02	16.39
100 to 174 acres.....	55.0	38.6	4,359	2,606	28.30	13.45	55.0	38.6	4,359	2,606	28.30	13.45
175 to 499 acres.....	42.7	40.8	14,163	8,163	20.01	11.65	42.7	40.8	14,163	8,163	20.01	11.65
500 to 999 acres.....	34.5	30.3	16,824	7,845	23.71	10.83	34.5	30.3	16,824	7,845	23.71	10.83
1,000 acres and over.....	14.4	7.0	46,972	20,599	10.51	3.07	14.4	7.0	46,972	20,599	10.51	3.07
<b>PACIFIC.</b>												
Total.....	42.9	39.6	13,050	6,351	48.28	20.17	42.9	39.6	13,050	6,351	48.28	20.17
Under 20 acres.....	85.9	85.2	5,326	2,888	599.54	301.70	85.9	85.2	5,326	2,888	599.54	301.70
20 to 49 acres.....	72.0	70.8	7,783	3,850	54.01	126.16	72.0	70.8	7,783	3,850	54.01	126.16
50 to 99 acres.....	62.0	61.0	5,850	3,400	33.80	16.24	62.0	61.0	5,850	3,400	33.80	16.24
100 to 174 acres.....	40.7	38.3	8,914	4,375	55.93	22.62	40.7	38.3	8,914	4,375	55.93	22.62
175 to 499 acres.....	53.2	50.2	16,984	7,030	60.58	23.62	53.2	50.2	16,984	7,030		

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS CLASSIFIED BY SIZE, BY STATES: 1910 AND 1900—Continued.

Table 26—Contd. STATE AND SIZE GROUP.	NUMBER OF FARMS.	ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.		VALUE OF LAND AND BUILDINGS.		STATE AND SIZE GROUP.	NUMBER OF FARMS.	ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.		VALUE OF LAND AND BUILDINGS.
		1910	1900	1910	1900	1910	1900			1910	1900			
<b>Middle Atlantic</b>														
<b>NEW YORK.</b>														
Total.....	215,999	225,720	22,000,307	22,645,101	14,844,009	\$1,184,745,724								
Under 20 acres.....	39,278	39,278	1,028,392	1,028,392	1,028,392	103,511,214								
20 to 49 acres.....	31,047	35,123	1,028,991	1,180,411	1,180,411	129,618,019								
50 to 99 acres.....	36,821	38,789	1,028,991	1,028,991	1,028,991	212,212,510								
100 to 174 acres.....	10,811	10,811	1,028,991	1,028,991	1,028,991	303,833,483								
175 to 499 acres.....	31,163	30,603	1,028,991	1,028,991	1,028,991	474,462,402								
500 to 999 acres.....	1,104	1,104	1,028,991	1,028,991	1,028,991	27,308,622								
1,000 acres and over.....	28	28	1,028,991	1,028,991	1,028,991	117,654								
<b>NEW JERSEY.</b>														
Total.....	33,487	34,650	2,573,527	2,840,966	1,803,236	\$1,114,519								
Under 20 acres.....	5,073	5,073	175,441	186,430	186,430	13,032,585								
20 to 49 acres.....	7,607	7,622	245,906	249,077	249,077	38,700,794								
50 to 99 acres.....	5,194	5,832	355,063	363,281	363,281	51,375,739								
100 to 174 acres.....	10,811	10,811	1,028,991	1,028,991	1,028,991	191,902,647								
175 to 499 acres.....	2,235	2,513	524,918	590,453	337,874	31,496,639								
500 to 999 acres.....	112	110	70,426	67,950	30,854	5,216,255								
1,000 acres and over.....	28	28	149,539	149,539	28,864	1,459,550								
<b>PENNSYLVANIA.</b>														
Total.....	219,205	224,258	18,586,832	19,371,015	12,673,519	\$1,041,068,755								
Under 20 acres.....	39,628	39,628	1,356,440	1,356,440	1,356,440	16,068,746								
20 to 49 acres.....	39,721	41,578	1,323,387	1,392,167	1,025,756	13,245,006								
50 to 99 acres.....	69,887	69,670	4,977,433	5,917,985	4,017,037	281,863,463								
100 to 174 acres.....	55,518	57,806	6,994,538	8,308,629	6,029,637	338,333,945								
175 to 499 acres.....	18,912	19,239	4,436,134	4,528,944	2,635,830	178,338,631								
500 to 999 acres.....	642	638	366,591	691,425	146,312	40,143,740								
1,000 acres and over.....	28	28	284,887	317,071	117,654	17,667,078								
<b>East North Central</b>														
<b>OHIO.</b>														
Total.....	274,045	276,719	24,105,708	24,501,985	19,227,967	\$1,654,152,406								
Under 20 acres.....	39,313	35,402	3,697,917	3,401,327	3,379,189	81,009,747								
20 to 49 acres.....	56,001	57,566	4,179,606	1,972,566	1,441,294	19,415,179								
50 to 99 acres.....	62,748	63,467	1,323,387	1,323,387	1,323,387	281,863,463								
100 to 174 acres.....	68,476	67,809	8,800,408	8,603,663	7,083,181	369,462,824								
175 to 499 acres.....	25,113	25,578	10,020,366	10,600,168	4,641,288	306,825,828								
500 to 999 acres.....	1,104	1,104	1,028,991	1,028,991	1,028,991	27,308,622								
1,000 acres and over.....	112	114	217,458	261,021	121,078	9,960,680								
<b>INDIANA.</b>														
Total.....	215,485	221,897	21,299,822	21,619,622	16,831,262	\$1,594,275,596								
Under 20 acres.....	23,644	21,430	2,182,480	2,182,480	1,965,613	43,197,215								
20 to 49 acres.....	40,161	47,069	1,324,816	1,650,252	1,135,565	11,641,607								
50 to 99 acres.....	71,828	71,828	4,977,433	5,917,985	4,017,037	281,863,463								
100 to 174 acres.....	57,261	55,603	6,994,538	7,485,481	7,000,079	459,520,724								
175 to 499 acres.....	26,107	25,478	4,036,637	4,267,774	2,926,165	406,787,640								
500 to 999 acres.....	1,104	1,104	1,028,991	1,028,991	1,028,991	27,308,622								
1,000 acres and over.....	112	114	229,394	349,121	148,289	12,335,660								
<b>ILLINOIS.</b>														
Total.....	251,872	242,311	32,522,937	32,794,728	24,039,322	\$3,222,792,570								
Under 20 acres.....	29,294	19,635	1,966,230	1,944,535	1,619,516	50,874,577								
20 to 49 acres.....	33,322	41,163	1,129,390	1,413,732	973,939	11,641,607								
50 to 99 acres.....	67,147	65,821	4,977,433	5,917,985	4,017,037	281,863,463								
100 to 174 acres.....	59,839	61,838	10,964,317	11,065,345	9,672,197	174,168,111								
175 to 499 acres.....	37,755	33,334	14,416,916	13,124,534	11,027,541	457,367,640								
500 to 999 acres.....	1,104	1,104	1,028,991	1,028,991	1,028,991	27,308,622								
1,000 acres and over.....	200	202	322,614	384,200	200,365	28,037,364								
<b>MICHIGAN.</b>														
Total.....	200,940	203,261	18,649,614	17,561,668	12,832,078	\$1,309,299								
Under 20 acres.....	14,783	13,170	1,370,371	1,370,371	1,219,750	28,256,364								
20 to 49 acres.....	49,890	59,197	1,814,902	2,183,332	1,351,445	16,804,968								
50 to 99 acres.....	73,748	71,021	5,537,068	5,305,904	5,908,814	211,455,899								
100 to 174 acres.....	50,622	43,145	6,591,403	5,692,182	4,589,148	301,276,538								
175 to 499 acres.....	17,483	15,178	4,125,482	3,769,029	2,602,019	174,384,535								
500 to 999 acres.....	1,104	1,104	1,028,991	1,028,991	1,028,991	27,308,622								
1,000 acres and over.....	165	163	348,917	247,237	95,465	5,690,538								
<b>WISCONSIN.</b>														
Total.....	177,127	169,795	21,060,606	19,827,727	11,907,661	\$1,201,623,727								
Under 20 acres.....	10,647	9,228	88,289	84,753	78,153	26,398,501								
20 to 49 acres.....	29,490	25,478	828,579	947,329	516,131	10,757,125								
50 to 99 acres.....	54,607	52,060	4,977,433	5,917,985	4,017,037	281,863,463								
100 to 174 acres.....	58,549	54,212	7,816,983	7,284,121	5,604,592	445,978,819								
175 to 499 acres.....	29,467	26,830	3,769,029	6,618,618	3,954,071	357,107,207								
500 to 999 acres.....	1,104	1,104	1,028,991	1,028,991	1,028,991	27,308,622								
1,000 acres and over.....	141	145	283,440	264,817	43,012	6,132,239								
<b>West North Central</b>														
<b>MINNESOTA.</b>														
Total.....	156,137	154,659	27,675,822	26,248,498	19,643,631	\$1,262,441,426								
Under 20 acres.....	5,619	4,803	49,878	43,331	39,333	14,234,838								
20 to 49 acres.....	12,028	13,278	87,031	98,587	83,904	10,757,125								
50 to 99 acres.....	20,371	19,060	2,055,944	2,316,708	1,228,488	106,823,204								
100 to 174 acres.....	58,424	57,783	8,081,778	8,500,727	5,521,352	727,207,207								
175 to 499 acres.....	17,483	15,178	4,125,482	3,769,029	2,602,019	174,384,535								
500 to 999 acres.....	3,359	3,463	2,118,081	1,871,977	1,617,491	85,612,838								
1,000 acres and over.....	300	305	408,338	367,702	327,759	17,469,755								
<b>IOWA.</b>														
Total.....	217,044	228,622	33,930,688	34,574,337	29,491,199	\$3,257,379,460								
Under 20 acres.....	13,724	11,648	117,963	109,927	102,881	39,306,801								
20 to 49 acres.....	18,678	21,421	353,644	765,266	468,692	308,462,308								

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS CLASSIFIED BY SIZE, BY STATES: 1910 AND 1900—Continued.

Table 26—Contd. STATE AND SIZE GROUP.	NUMBER OF FARMS.	ALL LAND IN FARMS (ACRES).				IMPROVED ACREAGE OF FARMS.	VALUE OF LAND AND BUILDINGS.	STATE AND SIZE GROUP.	NUMBER OF FARMS.	ALL LAND IN FARMS (ACRES).				IMPROVED ACREAGE OF FARMS.	VALUE OF LAND AND BUILDINGS.
		1910	1900	1910	1900					1910	1900				
<b>South Atlantic—Continued.</b>															
<b>GEORGIA.</b>															
Total	291,027	234,691	26,953,433	26,392,977	12,298,017	8473,204,332	Under 20 acres	75	653	4,382	3,644	3,640	399	\$251,625, 633	
Under 20 acres	29,629	19,324	348,143	226,685	327,212	19,929,323	20 to 49 acres	856	399	33,662	16,201	21,399	842	3,462,310	
50 to 99 acres	11,472	12,753	3,796,289	2,421,384	3,318,967	96,117,977	100 to 174 acres	1,849	5,619	98,693	137,476	53,645	6,799,281		
175 to 499 acres	42,275	41,466	4,528,382	3,473,677	2,762,863	102,651,271	500 to 999 acres	1,200	3,396	6,668,328	4,157,435	923,664	64,832,432		
1,000 acres and over	1,521	1,838	5,101,872	3,589,549	432,340	32,154,065	1,000 acres and over	1,969	1,289	7,499,998	8,841,844	1,422,317	38,015,776		
Total	50,016	60,814	5,253,538	4,363,891	1,905,408	116,145,989	Under 20 acres	1,067	5,283	6,904	3,294,803	2,777,740	245,895,825		
Under 20 acres	9,094	6,364	85,737	63,695	99,247	15,169,442	20 to 49 acres	2,048	1,804	14,286	14,363	15,367	167,205		
50 to 99 acres	17,169	16,940	570,960	467,062	331,233	22,124,761	100 to 174 acres	11,981	8,968	173,783	1,386,070	792,797	69,712,911		
175 to 499 acres	9,999	9,674	724,565	581,503	361,791	19,623,599	500 to 999 acres	5,999	3,278	7,088,591	6,078,576	971,778	73,841,512		
1,000 acres and over	371	278	1,098,454	628,964	106,330	16,462,332	1,000 acres and over	256	171	566,806	336,725	257,186	17,378,305		
<b>FLORIDA.</b>															
Total	209,183	264,627	22,189,127	21,979,422	14,354,471	635,459,372	Under 20 acres	538	75	12,610	3,119	5,941	794,290		
Under 20 acres	55,472	42,904	585,546	466,040	543,143	36,723,610	20 to 49 acres	4,264	2,937	44,682	19,679	23,745	342,511,759		
50 to 99 acres	65,718	7,940	4,556,247	4,161,328	1,450,893	68,341,744	100 to 174 acres	3,816	2,291	55,342	303,343	174,978	12,457,182		
175 to 499 acres	50,134	48,264	2,622,959	1,607,857	4,117,357	156,477,645	500 to 999 acres	3,529	4,420	1,166,263	498,963	330,228	22,542,887		
1,000 acres and over	2,181	2,470	1,370,115	1,513,808	688,727	103,447,982	1,000 acres and over	1,135	917	6,014,623	6,674,484	159,991	46,280,820		
Total	441	558	828,188	988,560	246,239	19,509,078	Under 20 acres	4,902	1,516	51,216	1,256,160	97,357	389,589		
Under 20 acres	26,612	224,623	20,941,627	20,342,668	10,880,884	480,522,587	20 to 49 acres	6,832	5,057	55,286	417,872	56,582	5,184,192		
50 to 99 acres	47,341	36,744	547,322	430,110	501,007	31,506,873	100 to 174 acres	2,818	2,197	87,871	65,659	67,776	1,200,939		
175 to 499 acres	72,212	61,442	2,290,574	1,937,942	1,800,374	74,475,941	500 to 999 acres	16,353	9,024	2,236,569	1,406,466	976,312	93,733,309		
1,000 acres and over	41,543	47,446	2,526,026	1,937,931	2,802,252	113,199,169	1,000 acres and over	12,476	5,372	9,029,716	1,701,123	1,476,917	115,238,968		
Under 20 acres	22,450	24,274	5,724,078	6,216,250	2,619,951	120,220,288	20 to 49 acres	1,377	1,237	4,880,823	5,030,663	935,922	67,588,332		
50 to 99 acres	26,629	27,896	6,711,828	7,057,446	4,077,794	193,447,982	100 to 174 acres	10,410	11,211	27,021	5,130,878	1,467,191	113,590,927		
175 to 499 acres	481	566	937,718	1,164,456	162,661	13,482,310	500 to 999 acres	2,832	2,815	5,258	41,540	34,207	2,994,964		
1,000 acres and over	481	566	937,718	1,164,456	162,661	13,482,310	1,000 acres and over	6,818	709	2,222,982	1,821,820	295,455	18,090,699		
Total	302,903	223,220	20,732,310	20,685,427	9,693,581	288,253,291	Under 20 acres	2,346	2,038	15,496	12,840	13,267	2,623,273		
Under 20 acres	106,411	80,784	3,294,559	2,379,737	2,803,670	17,732,596	20 to 49 acres	1,477	820	18,178	173,303	153,899	1,281,727		
50 to 99 acres	153,488	14,745	3,862,717	3,369,528	2,289,469	61,748,863	100 to 174 acres	3,340	2,638	5,496	46,722	46,698	3,562,400		
175 to 499 acres	112,666	118,803	4,437,868	3,933,794	1,669,505	56,035,111	500 to 999 acres	8,280	674	59,947	49,856	273,623	2,620,940		
1,000 acres and over	20,676	21,883	2,577,932	5,067,217	3,749,410	116,116,822	100 to 174 acres	2,391	1,381	399,210	241,388	90,442	12,167,575		
Under 20 acres	17,115	18,493	4,033,964	4,905,565	1,410,432	54,966,781	175 to 499 acres	1,641	112	112,612	71,104	125,161	1,442,344		
50 to 99 acres	30,121	31,880	1,003,240	4,287,219	1,503,771	51,383,771	500 to 999 acres	21	71	388,000	319,612	48,186	6,822,361		
175 to 499 acres	1,063	2,461	1,868,482	1,569,180	374,920	19,965,266	1,000 acres and over	6,070	4,294	45,627	40,732	42,698	11,996,832		
1,000 acres and over	750	859	1,307,082	1,413,343	329,202	22,271,126	Under 20 acres	4,174	3,741	18,178	173,303	153,899	1,281,727		
Total	271,382	220,903	18,567,533	18,240,736	9,008,310	334,162,269	20 to 49 acres	4,678	2,904	24,627	40,732	42,698	11,996,832		
Under 20 acres	66,943	42,270	874,944	576,620	868,325	36,834,417	50 to 99 acres	4,264	2,937	44,682	19,679	23,745	342,511,759		
50 to 99 acres	112,666	65,718	3,280,964	2,667,094	78,793	62,680,262	100 to 174 acres	3,816	2,291	55,342	303,343	174,978	12,457,182		
175 to 499 acres	44,645	39,469	3,142,022	2,806,402	1,685,452	55,825,671	500 to 999 acres	3,529	4,420	1,166,263	498,963	330,228	22,542,887		
1,000 acres and over	2,181	2,470	1,370,115	1,513,808	688,727	103,447,982	1,000 acres and over	3,669	3,353	512,560	430,044	236,127	19,690,122		
Total	171,115	18,493	4,033,964	4,905,565	1,410,432	54,966,781	Under 20 acres	2,281	2,209	12,610	3,119	5,941	794,290		
Under 20 acres	30,121	31,880	1,003,240	4,287,219	1,503,771	51,383,771	20 to 49 acres	3,361	3,068	24,291	138,978	138,978	1,442,344		
50 to 99 acres	1,063	2,461	1,868,482	1,569,180	374,920	19,965,266	100 to 174 acres	3,161	1,708	24,291	211,387	97,612	7,626,182		
175 to 499 acres	750	859	1,307,082	1,413,343	329,202	22,271,126	500 to 999 acres	300	248	1,249,344	2,306,600	238,371	13,718,908		
Total	214,678	158,094	17,416,075	16,636,719	8,076,254	309,166,813	Under 20 acres	2,123	2,325	1,874	1,916	1,585	601,713		
Under 20 acres	36,259	24,652	470,539	341,590	607,555	21,086,055	20 to 49 acres	20,823	2,011	26,828	140,686	127,814	1,654,974		
50 to 99 acres	45,373	38,595	3,299,148	2,867,527	1,739,792	28,069,610	100 to 174 acres	4,217	3,167	81,453	16,913	16,478	1,973,575		
175 to 499 acres	39,383	42,067	6,385,529	5,915,487	1,993,878	66,823,373	500 to 999 acres	555	407	81,615	59,684	38,579	3,484,547		
1,000 acres and over	1,163	1,289	1,636,289	1,135,588	1,453,453	57,492,644	1,000 acres and over	2,815	2,815	4,841	2,815	1,810	12,612,823		
Total	308	416	823,963	778,776	187,123	15,785,443	Under 20 acres	344	327	2,246,562	2,141,977	527,737	21,309,485		
Total	120,546	115,969	10,439,481	11,059,122	5,276,616	237,544,450	Under 20 acres	50,192	33,202	11,712,253	8,499,297	6,373,311	571,968,457		
Under 20 acres	26,296	25,722	355,220	320,025	345,803	17,800,870	20 to 49 acres	16,320	13,025	91,282	28,476	66,475	50,790,562		
50 to 99 acres	49,348	6,714	1,337,534	1,390,953	1,164,900	41,991,842	100 to 174 acres	10,823	1,280	62,834	327,928	175,686	1,654,974		
175 to 499 acres	15,493	15,633	1,817,221	2,150,489	789,583	30,213,391	500 to 999 acres	7,106	4,387	23,028	332,077	218,750	52,967,429		
1,000 acres and over	8,696	9,163	2,274,598	4,232,116	1,988,320	39,499,613	1,000 acres and over	13,009	11,055	1,733,678	1,765,902	700,073	94,207,637		
Under 20 acres	1,036	2,189	1,138,588	1,138,588	1,453,453	57,492,644	Under 20 acres	1,281	1,281	2,246,562	2,141,977	527,737	21,309,485		
50 to 99 acres	1,018	1,016	2,149,072	2,412,523	742,600	52,624,241	20 to 49 acres	45,092	35,877	11,685,110	10,779,328	4,274,803	455,576,300		
175 to 499 acres	190	162	116,090	27,988,339	17,631,371	738,672,271	50 to 99 acres	6,030	3,031	55,128	29,422	42,675	251,576,803		
1,000 acres and over	828	617	2,717,338	3,890,857	500,205	30,205,212	100 to 174 acres	6,900	4,673	48,945	380,734	238,549	47,734,337		
Total	190	162	116,090	27,988,339	17,631,371	738,672,271	500 to 999 acres	12,009	11,055	1,733,678	1,647,337	553,111	82,662,016		
Under 20 acres	31,489	30,910	1,065,835	695,571	803,731	30,170,704	1,000 acres and over	1,281	1,281	2,246,562	2,141,977	527,737	21,309,485		
50 to 99 acres	39,062	16,000	2,798,882	1,199,699	2,942,832	75,794,909	Under 20 acres	45,092	35,877	11,685,110	10,779,328	4,274,803	455,576,300		
100 to 174 acres	11,217	68,963	11,217,622	7,457,608	7,418,362	314,867,390	20 to 49 acres	20,823	13,025	91,282	28,476	66,475	50,790,562		
175 to 499 acres	33,812	13,206	4,928,784	3,726,720	5,914,339	248,913,912	100 to 174 acres	7,106	4,387	23,028	332,077				

## CHAPTER II.

### LIVE STOCK ON FARMS AND ELSEWHERE.

**Introduction.**—This chapter presents in condensed form the main results of the enumeration of live stock in the United States made as of April 15, 1910, giving the statistics by geographic divisions and by states.

The census of agriculture deals in general only with farms, but in the case of domestic animals it includes also those not on farms (mainly in cities and villages), although no attempt has been made to collect statistics of poultry or bees other than on farms. This chapter presents first the statistics of live stock on farms, and later, in more condensed form, the statistics of domestic animals not on farms, and concludes with the combined totals for domestic animals on farms and elsewhere.

#### ALL LIVE STOCK ON FARMS.

Table 7, page 312, presents statistics of the value of live stock on farms at the last two censuses by geographic divisions and states. Data relating to domestic animals not on farms will be found on page 337, and a combination of the figures for all animals both on farms and elsewhere on page 342.

The total value of all live stock on farms in the United States on April 15, 1910, was \$4,925,000,000. Of this total, \$4,760,000,000, or 96.6 per cent, represented the value of domestic animals. During the decade the value of live stock on farms increased nearly \$1,850,000,000, or 60.1 per cent. During the same period the total value of farm property increased 100.5 per cent, the rate of increase in the principal constituent element, the value of land, being 118.1 per cent, or nearly twice as great as for live stock. The increase in the value of live stock above noted was shared by every geographic division. Much the largest absolute increases were in the West North Central and the East North Central divisions, though in percentage of increase the Pacific division ranked highest, closely followed by the South Atlantic.

Table 1 in the next column gives statistics as to the value of live stock on farms for certain larger sections of the country. The North, as the term is used in this chapter, includes the New England, Middle Atlantic, East North Central, and West North Central divisions; the South includes the South Atlantic, East South Central, and West South Central; and the West, the Mountain and Pacific divisions.

The North shows a greater absolute increase in the value of all live stock than the South and the West

The term "live stock" as used in the censuses of 1910 and 1900 comprises the common farm animals (cattle, horses, mules, asses and burros, swine, sheep, and goats), together with poultry and bees. It is obvious that in the consideration of live stock as a whole, no combination of the numbers of the different classes into one total would have any significance. No comparison can be made except on the basis of value. It should be noted, however, that the increase in the aggregate value of live stock from 1900 to 1910 is due chiefly to the increase in the average value per head of the live stock reported, as there has been no great increase in number in any important class, while some classes show a decrease.

combined, but the percentage of increase is somewhat lower in that section than in either of the others.

**Table 1**  
SECTION.

	VALUE OF LIVE STOCK ON FARMS.			
	Total. <sup>1</sup>	Domestic animals.	Poultry.	Bees.
<b>The North:</b>				
1910.....	\$2,975,094,377	\$2,863,849,890	\$106,311,212	\$4,893,160
1900.....	1,897,439,200	1,835,336,173	57,123,391	4,876,470
Per cent. of increase.....	56.8	56.0	86.1	0.3
<b>The South:</b>				
1910.....	\$1,325,405,837	\$1,284,298,714	\$37,415,336	\$3,689,547
1900.....	810,822,035	782,407,940	24,222,562	4,178,033
Per cent. of increase.....	63.5	64.1	54.5	-11.7
<b>The West:</b>				
1910.....	\$624,673,396	\$611,911,489	\$10,936,672	\$1,790,998
1900.....	367,216,468	361,453,433	4,461,865	1,123,647
Per cent. of increase.....	70.1	69.3	145.1	59.4
<b>East of the Mississippi:</b>				
1910.....	\$2,158,955,039	\$2,065,504,011	\$87,599,549	\$5,855,199
1900.....	1,332,779,057	1,275,188,666	51,136,249	6,392,365
Per cent. of increase.....	62.0	62.0	71.3	-8.4
<b>West of the Mississippi:</b>				
1910.....	\$2,766,218,571	\$2,694,556,082	\$67,073,671	\$4,518,416
1900.....	1,742,698,696	1,704,010,980	34,671,578	3,785,721
Per cent. of increase.....	58.7	58.1	93.5	19.4

<sup>1</sup> Totals include a small amount for the value of special classes of animals (buffaloes, deer, etc.), not included under "domestic animals."  
<sup>2</sup> A minus sign (-) denotes decrease.

The next statement shows by percentages the distribution of the United States totals given in Table 7 among the geographic divisions and sections of the country. To aid in interpreting these figures the distribution of the total land in farms and of the total improved land is also shown.

The distribution of the value of live stock corresponds in general more closely to the distribution of improved land than to that of all land in farms, the only conspicuous exception being in the Mountain division. The West North Central, East North Central, and West South Central divisions are the most important from the standpoint of value of live stock.

The North reported in 1910 three-fifths of the total value of all live stock on farms in the United States, the South somewhat over one-fourth, and the West one-eighth.

Table 2

DIVISION OR SECTION.	PER CENT OF TOTAL FOR THE UNITED STATES.											
	All land in farms.		Im-proved land in farms.		Value of all live stock.		Value of domestic animals.		Value of poultry.		Value of bees.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1910	1910	1900
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	2.2	2.5	1.5	2.0	2.0	2.4	1.9	2.3	3.4	1.9	1.9	1.9
Middle Atlantic.....	4.9	5.0	5.1	7.4	7.1	8.0	6.9	7.9	11.5	11.2	11.2	11.2
East North Central.....	13.4	13.9	18.6	20.9	19.8	19.7	19.7	19.5	25.3	17.4	17.4	17.4
West North Central.....	26.5	24.0	34.3	32.7	31.5	31.6	31.0	31.8	28.6	10.7	10.7	10.7
South Atlantic.....	11.8	12.4	10.1	11.1	7.4	6.5	7.4	8.2	8.8	15.2	15.2	15.2
East South Central.....	9.3	9.7	9.2	9.7	7.5	6.9	7.5	6.8	7.7	10.8	10.8	10.8
West South Central.....	19.3	21.1	12.2	9.6	12.0	13.1	12.1	13.2	7.7	9.6	9.6	9.6
Mountain.....	6.8	5.5	3.3	2.0	7.9	7.9	8.1	8.1	3.0	7.6	7.6	7.6
Pacific.....	5.8	5.7	4.6	4.5	4.8	4.0	4.8	4.0	4.1	9.7	9.7	9.7
The North.....	47.1	45.0	60.0	63.0	60.4	61.7	60.2	61.6	68.7	47.2	47.2	47.2
The South.....	40.3	43.2	31.5	30.4	26.9	26.4	27.0	26.3	24.2	35.6	35.6	35.6
The West.....	12.6	11.2	7.9	6.6	12.7	11.9	12.9	12.1	7.1	17.3	17.3	17.3
East of the Mississippi.....	41.7	43.8	45.6	51.1	43.8	43.3	43.4	42.8	56.6	56.4	56.4	56.4
West of the Mississippi.....	58.3	56.2	54.4	48.9	56.2	56.7	56.6	57.2	43.4	43.0	43.0	43.0

Inasmuch as in each division the value of domestic animals constitutes the greater part of the value of all live stock, its distribution naturally corresponds closely to that of the total. The distribution of the value of poultry is somewhat different and that of the value of bees decidedly different. The five divisions east of the Mississippi River each reported in 1910 a much larger proportion of the value of the poultry on farms than they did of the value of domestic animals on farms, while the opposite is true of the four divisions west of the Mississippi.

#### DOMESTIC ANIMALS ON FARMS.

In comparing the aggregate number and value of the several classes of domestic animals as reported at the censuses of 1910 and 1900, due consideration must be given to the fact that the enumeration of 1900 was as of June 1, while that of 1910 was as of April 15. Had the census of 1910 been taken as of June 1, the number of animals—especially of cattle, swine, and sheep—would have been materially greater than reported, for the reason that a very large number of domestic animals of all kinds are born during the six weeks from April 15 to June 1. As the value per head of these animals would be relatively low, however, an enumeration at the later date would not have had the effect of increasing the total value of animals reported in anything like the same degree; in other words, the average value per head would have been lower than that based upon the figures reported for April 15.

Table 4, on the opposite page, summarizes, for the United States as a whole, the principal facts with regard to the several classes of domestic animals on farms.

The following table shows the average value of live stock per farm and per acre of land in farms:

Table 3

DIVISION.	AVERAGE SIZE OF FARMS (ACRES).		VALUE OF LIVE STOCK PER FARM.		VALUE OF LIVE STOCK PER ACRE OF FARM LAND.	
	1910	1900	1910	1900	1910	1900
	United States.....	138.1	146.2	\$774	\$536	\$5.60
New England.....	194.4	107.1	519	399	4.97	3.64
Middle Atlantic.....	92.2	92.4	745	506	8.08	5.48
East North Central.....	105.0	102.4	859	532	8.28	5.20
West North Central.....	209.6	193.5	1,308	917	6.67	4.84
South Atlantic.....	93.3	108.4	330	202	3.53	1.86
East South Central.....	78.2	89.9	354	236	4.53	2.63
West South Central.....	179.3	223.8	626	534	6.59	2.28
Mountain.....	324.5	457.9	2,119	2,405	6.53	5.26
Pacific.....	270.3	334.8	1,242	871	4.60	2.60

The average value of live stock per farm for the United States as a whole was \$774 in 1910. The average per farm was highest in the Mountain, West North Central, and Pacific divisions, which are also divisions in which the average size of farms considerably exceeds the average for the United States. In all but one division the average value of live stock per farm was greater in 1910 than in 1900. Largely because of the great decrease in the average size of farms in the Mountain division, however, the average value per farm in that division decreased.

The value of live stock per acre of farm land in the United States as reported in 1910 was \$5.60. The highest average per acre was in the East North Central division, and the next, highest, in the Middle Atlantic division. In the three southern divisions the value of live stock per acre is comparatively low. Between 1900 and 1910 the value of live stock per acre increased materially in each geographic division.

While there was during the decade 1900-1910 a great increase in the total value of domestic animals, this was due chiefly to the increase in average value per head. The returns show an apparent decrease in the number of cattle, swine, and sheep, and only a comparatively slight increase in the number of horses. Had both censuses been taken as of June 1, there would probably have been much less decrease in the number of cattle and of sheep, a moderate increase in the number of swine, and a somewhat greater increase in the number of horses and of mules than is shown in Table 4.

Horses, mules, and asses and burros together contributed more than one-half (55.1 per cent) of the value of domestic animals on farms in 1910, while cattle, which contributed almost one-half (49.5 per cent) of the total in 1900, contributed less than one-third (31.5 per cent) in 1910.

It is noteworthy that a smaller proportion of all farmers reported horses in 1910 than in 1900, while a decidedly larger proportion reported mules. Swine



## LIVE STOCK ON FARMS—VALUE OF THE SEVERAL CLASSES, BY DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (-) denotes decrease.]

Table 7 DIVISION OR STATE.	ALL LIVE STOCK. <sup>1</sup>			DOMESTIC ANIMALS.			POULTRY.			BEES.		
	1910	1900	Percent of increase.	1910	1900	Percent of increase.	1910	1900	Percent of increase.	1910	1900	Percent of increase.
<b>United States</b> .....	\$4,925,173,610	\$3,075,477,703	60.1	\$4,760,060,093	\$2,979,197,586	59.8	\$154,863,220	\$85,807,818	80.0	\$10,373,015	\$10,178,037	1.0
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	879,896,823	74,826,332	30.8	920,402,323	70,994,088	30.2	5,238,461	3,011,668	45.0	195,959	206,151	-4.9
Middle Atlantic.....	349,159,535	245,635,518	42.1	336,213,413	234,366,768	40.9	17,275,885	10,035,094	76.1	1,166,287	1,104,581	5.2
East North Central.....	976,329,922	694,633,707	61.6	935,456,233	581,889,163	60.8	39,070,398	20,919,906	87.7	1,800,931	1,897,163	-5.1
West North Central.....	1,551,708,097	972,343,643	56.5	1,505,717,901	948,056,154	58.8	44,226,606	25,966,722	95.7	1,729,693	1,608,512	7.5
South Atlantic.....	369,534,152	194,362,788	88.6	351,328,038	184,152,272	90.8	13,631,507	8,545,899	59.8	1,574,577	1,664,620	-5.4
East South Central.....	369,034,607	213,320,732	73.0	356,043,964	203,784,314	74.7	11,873,198	8,063,673	47.2	1,117,145	1,459,835	-23.5
West South Central.....	589,837,476	403,138,495	46.3	576,926,692	394,471,373	46.3	11,610,631	7,612,990	56.5	997,823	1,033,502	-3.3
Mountain.....	388,246,230	243,866,888	59.4	382,272,141	241,842,845	58.5	4,636,963	1,362,014	241.9	784,056	492,539	59.2
Pacific.....	238,926,876	123,379,580	91.2	228,639,248	119,610,608	91.1	6,279,709	3,099,851	102.6	1,006,852	631,108	59.5
<b>NEW ENGLAND:</b>												
Maine.....	25,161,839	17,106,034	47.1	23,899,661	16,208,422	47.2	1,131,921	756,153	49.7	40,337	51,459	-21.6
New Hampshire.....	11,910,478	10,554,646	12.8	11,237,764	10,062,877	11.7	499,121	467,104	39.0	23,593	24,665	-4.3
Vermont.....	22,642,766	17,841,317	26.9	21,990,630	17,373,169	26.6	607,787	421,165	44.2	44,349	46,963	-5.5
Massachusetts.....	20,741,366	15,798,464	31.3	19,208,712	14,730,169	30.4	1,492,961	1,018,119	46.6	39,683	35,751	11.0
Rhode Island.....	3,276,472	2,599,659	26.3	2,902,316	2,281,817	27.2	368,018	305,047	20.6	6,138	6,796	-9.7
Connecticut.....	14,163,962	10,922,212	29.6	13,133,340	10,247,634	28.2	988,653	644,050	53.5	41,839	40,528	3.2
<b>MIDDLE ATLANTIC:</b>												
New York.....	183,000,844	125,583,715	45.8	174,560,658	120,673,101	44.7	7,879,388	4,310,755	82.8	646,848	593,784	8.9
New Jersey.....	24,588,639	17,612,620	39.6	22,326,469	16,209,548	37.2	2,221,610	1,300,833	70.8	41,960	39,219	6.0
Pennsylvania.....	141,480,052	102,439,183	38.1	133,327,286	97,424,119	36.9	7,476,387	4,483,486	71.2	478,179	531,578	-10.0
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	197,332,112	128,954,616	56.7	187,523,324	120,466,134	55.7	9,532,672	5,085,921	87.4	275,726	402,561	-31.5
Indiana.....	173,800,101	100,550,761	58.7	165,867,178	106,048,528	57.7	7,762,015	4,222,409	83.8	230,478	278,864	-17.4
Illinois.....	308,804,431	193,758,037	58.4	296,619,153	186,856,020	58.7	11,606,650	6,415,033	82.3	487,733	498,164	0.3
Michigan.....	137,803,795	79,042,644	74.3	131,746,348	75,997,951	73.4	5,460,958	2,685,829	108.9	446,644	352,469	26.7
Wisconsin.....	158,529,483	96,327,649	64.6	153,700,250	93,521,430	64.3	4,608,703	2,410,714	84.0	364,330	377,105	-4.4
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	161,641,146	89,063,097	81.5	156,771,855	86,620,643	81.0	4,646,960	2,274,649	104.3	221,781	167,280	32.6
Iowa.....	399,003,196	278,540,006	40.9	380,201,586	271,844,634	39.9	12,269,881	6,535,644	87.7	517,329	443,923	16.5
Missouri.....	285,839,108	160,800,960	78.0	273,366,662	154,295,363	77.2	11,870,972	5,730,389	107.5	584,549	508,217	15.0
North Dakota.....	108,248,866	42,430,491	155.1	106,741,317	41,951,659	154.5	1,436,463	477,338	211.2	3,086	1,474	109.4
South Dakota.....	127,229,290	65,173,432	95.2	124,841,010	64,287,578	94.2	2,365,465	836,966	175.0	17,650	10,088	213.7
Nebraska.....	222,222,904	145,349,587	52.9	217,849,650	142,709,629	52.6	4,219,158	2,374,399	77.7	152,676	199,563	-23.5
Kansas.....	253,528,577	190,956,936	32.8	245,926,421	186,317,948	32.0	7,377,469	4,356,997	60.3	218,612	277,967	-21.4
<b>SOUTH ATLANTIC:</b>												
Delaware.....	6,817,123	4,111,064	65.8	6,243,368	3,733,335	67.2	560,146	357,475	56.7	13,609	20,244	-32.8
Maryland.....	32,570,134	30,855,877	56.2	30,649,964	19,636,844	56.1	1,838,570	1,138,029	60.5	61,063	61,013	1.0
District of Columbia.....	152,840	125,326	22.0	145,373	122,019	19.3	6,477	3,108	108.4	790	199	297.0
Virginia.....	74,891,438	42,029,737	78.2	71,192,848	39,831,522	78.7	3,385,962	1,886,768	80.0	302,623	308,417	-1.9
West Virginia.....	43,336,073	30,156,173	108.1	41,318,436	29,231,832	41.3	1,628,700	983,806	68.0	388,967	375,622	3.5
North Carolina.....	62,649,984	30,136,173	108.1	60,030,731	28,242,147	112.6	2,212,570	1,434,158	54.3	356,663	429,868	-10.0
South Carolina.....	45,131,380	20,199,507	123.4	43,730,743	19,167,229	128.5	1,206,615	880,933	35.6	134,622	143,677	-6.6
Georgia.....	80,383,993	35,200,869	128.4	78,118,968	33,409,683	133.2	2,688,653	1,458,063	40.3	187,242	247,669	-22.9
Florida.....	20,391,187	11,166,816	84.4	19,818,905	10,687,632	85.4	673,814	394,557	70.8	98,468	83,267	17.5
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	117,486,662	73,730,106	59.3	112,606,412	70,488,187	59.8	4,461,871	2,723,221	63.8	419,379	527,098	-20.4
Tennessee.....	110,706,078	60,818,606	80.2	106,638,122	58,043,805	83.7	4,757,337	2,275,864	63.1	340,619	446,536	-30.0
Alabama.....	65,594,834	36,105,799	81.7	63,574,674	34,408,832	84.8	1,807,239	1,409,209	28.2	212,921	287,598	-26.0
Mississippi.....	75,247,033	42,627,222	76.4	73,255,756	40,843,200	79.4	1,846,731	1,655,319	11.6	144,226	158,643	-9.1
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	74,058,292	37,483,771	97.6	71,794,486	35,739,425	100.9	2,063,432	1,540,006	34.0	200,049	240,340	-21.1
Louisiana.....	64,698,485	28,869,560	54.8	63,314,683	27,737,301	56.0	1,326,614	1,057,889	25.4	58,188	54,316	7.1
Oklahoma.....	152,432,792	9,96,208,293	58.4	148,632,982	9,944,746,713	56.9	3,713,943	1,416,127	162.3	64,291	145,423	41.5
Texas.....	318,646,590	240,576,955	32.5	313,164,940	236,227,934	32.6	4,806,642	3,598,968	33.6	675,327	749,483	-9.9
<b>MOUNTAIN:</b>												
Montana.....	85,693,187	52,161,833	62.2	84,999,659	51,724,113	64.3	628,436	296,806	111.7	32,112	8,139	294.5
Idaho.....	49,775,309	21,657,974	124.8	49,076,971	21,389,833	129.4	508,190	203,127	194.5	100,148	64,594	54.1
Wyoming.....	65,650,510	39,145,877	67.6	65,384,559	39,080,158	67.3	1,04,078	60,397	221.3	20,493	5,322	283.1
Colorado.....	70,163,344	49,954,311	40.5	68,840,485	49,359,781	39.5	1,012,251	393,219	147.4	308,608	195,096	58.2
New Mexico.....	43,494,679	31,727,400	37.1	43,191,913	31,644,179	36.5	256,466	62,419	310.9	46,300	20,892	122.6
Arizona.....	26,030,870	15,545,687	67.6	24,376,530	15,375,286	58.5	1,545,966	103,298	1,396,704	10,474	66,663	56.7
Utah.....	28,781,091	21,274,241	34.0	28,330,215	21,175,867	33.8	327,908	186,922	75.4	123,568	111,432	10.9
Nevada.....	19,213,930	12,169,565	57.9	19,071,809	12,003,608	57.7	93,668	55,826	67.8	48,453	20,131	140.7
<b>PACIFIC:</b>												
Washington.....	48,805,110	22,159,207	120.5	47,370,775	21,437,528	121.0	1,267,440	614,838	122.4	128,895	106,841	18.8
Oregon.....	59,461,828	33,917,048	75.3	58,243,921	33,172,342	75.6	1,067,742	582,524	83.3	150,164	160,382	-6.4
California.....	127,599,938	67,300,325	86.8	123,024,652	65,000,738	89.3	3,844,526	1,902,489	102.1	729,778	363,885	100.6

<sup>1</sup> Totals include a small amount for the value of special classes of animals (buffaloes, deer, etc.) not included under "domestic animals." <sup>2</sup> Includes Indian Territory.

## CATTLE ON FARMS.

United States as a whole.—Comparisons between the censuses of 1910 and 1900 with reference to the statistics of cattle are rendered difficult, not only by the change in the date of enumeration, already mentioned, but by changes in the definitions of the several classes of cattle which seemed necessary in view of the change in the date of enumeration.<sup>1</sup>

The tabular statement below shows the exact design-

nations of the various classes as they appeared upon the schedules for the two censuses, and the number reported in each class. The age limits, expressed in months, which correspond to the dates specified in 1910, and the limits, expressed in date of birth, which correspond to the ages specified in 1900, are also stated. For purposes of comparison it is necessary to combine all steers and bulls at both censuses.

Class as defined in schedule.	Corresponding age limits.	Number.	Class as defined in schedule.	Corresponding limits of date of birth.	Number.	Designation in comparative tables.	Number.		Nominal increase. <sup>1</sup>	
							1910	1900	Number.	Per cent.
<b>Total.....</b>		<b>61,803,866</b>	<b>Total.....</b>		<b>67,719,410</b>	<b>Total.....</b>	<b>61,803,866</b>	<b>67,719,410</b>	<b>-5,915,544</b>	<b>-8.7</b>
Cows and heifers kept for milk born before Jan. 1, 1909.	Over 15½ months.	20,625,432	Cows kept for milk 2 years old and over.	Before June 1, 1898.	17,135,633	Dairy cows.....	20,625,432	17,135,633	3,489,799	20.4
Cow and heifers not kept for milk born before Jan. 1, 1909.	Over 15½ months.	12,023,682	Cows and heifers not kept for milk 2 years old and over.	Before June 1, 1898.	11,559,194	Other cows.....	12,023,682	11,559,194	464,488	4.0
Heifers born in 1909.....	3½ to 15½ months.	7,295,880	Heifers 1 and under 2 years.	June 1, 1898, to June 1, 1899.	7,174,483	Heifers.....	7,295,880	7,174,483	121,397	1.7
Steers and bulls born before Jan. 1, 1909.	Over 15½ months.	7,598,258	Bulls 1 year and over.	Before June 1, 1898.	8,269,273	Steers and bulls.	13,048,547	16,534,318	-3,485,971	-21.1
Steers and bulls born in 1909.	3½ to 15½ months.	5,450,289	Steers 2 years and over.	June 1, 1898, to June 1, 1899.	6,953,113	Calves.....	7,806,539	15,315,582	-7,509,043	-49.0
Calves born after Jan. 1, 1910.	Under 3½ months.	7,806,539	Calves under 1 year.	June 1, 1899, to June 1, 1900.	15,315,582					

<sup>1</sup> A minus sign (-) denotes decrease.

With respect to the total number of cattle, the comparability of the returns is affected only by the change in the date of enumeration from June 1 at the Twelfth Census to April 15 at the Thirteenth Census. The period of six weeks between April 15 and June 1 is, however, one in which an exceedingly large number of calves are born. There were at least as many cows to produce calves in 1910 as in 1900 (probably somewhat more), so that presumably had the enumeration of 1910 been made as of June 1 there would have been at least as many calves less than 1 year old as there were in 1900, namely, 15,316,000. Much the greater part of these would have consisted of calves born between January 1 and June 1, 1910, as many more calves are born during the first five months of the year than during the last seven months, and, moreover, of those born in the later months of the year a much larger proportion would be slaughtered by June 1. It is reasonable to suppose, therefore, that had the

enumeration of 1910 been made as of June 1, there would have been twelve or thirteen million calves reported as born during 1910, or five or six million more than were actually reported on April 15 as born during that year (7,807,000). On the other hand, a certain number—probably one or two million—of the older cattle would have been slaughtered or otherwise eliminated between April 15 and June 1, so that the net addition to the total number of cattle on June 1 would have been perhaps four or five million.

Instead, therefore, of a decrease in the total number of cattle from 67,719,000 on June 1, 1900, to 61,804,000 on April 15, 1910 (a decrease of 5,916,000, or 8.7 per cent), there would probably have been a decrease of not more than three million, and possibly not over one million, had the enumeration of 1910 been made as of June 1. Even a comparatively small decrease in the number of cattle, however, is significant when considered in connection with the increase of 21 per cent in population during the decade.

The number of dairy cows reported in 1910 was 20,625,000, and the number reported in 1900 was 17,136,000, so that there was a nominal increase of 20.4 per cent. The number of dairy cows, however, as reported at the census of 1910, includes all born prior to January 1, 1909, or, in other words, all over 15½ months old, while the class in 1900 included only those 2 years of age or over. It would be necessary, in order to make the 1910 figures exactly comparable with the 1900 figures, first, to subtract from the number of cows reported on April 15, 1910, the number of those cows which were born between June 1, 1908, and January 1, 1909, since these would have been counted as heif-

<sup>1</sup>At the census of 1900 the ages of cattle, as well as of other domestic animals, were stated in years—for example, less than 1 year old, 1 to 2 years, 2 years and over. This method of reporting probably gave reasonably accurate results when the date of enumeration was June 1, but had it been employed when the date of enumeration was April 15 the results would have been unsatisfactory. That date is in the very middle of the period when the greater number of animals are born. Farmers of course do not keep accurate records of the ages of their animals, and many would have found it impossible to state on April 15, 1910, which animals were under or over 1 year or 2 years of age. Moreover, a classification which would divide a group of animals born during the same spring and put some in one class and some in another would obviously be unsatisfactory. It was therefore considered necessary at the census of 1910 to base the classification of age upon calendar years, calling for all animals born after, during, or before the year 1909, respectively. This involved radical changes in the age limits of some of the groups, as compared with those employed in 1900.

ers if the age classification had been the same as at the census of 1900; and, second, to subtract also the number of such cows slaughtered or otherwise eliminated between April 15 and June 1, 1910. Neither of these deductions would be large, and it is certain that, after making all necessary allowances, there was a very considerable increase in the number of dairy cows.

Cows and heifers not kept for milk increased nominally by 4 per cent during the decade, but in the absence of any change in the date of enumeration or the method of classification, some little decrease would possibly have appeared in this group.

The number of animals classed as steers and bulls declined from 16,535,000 in 1900 to 13,049,000 in 1910, or 21.1 per cent, and had there been no change in the date of enumeration or method of classification the decline would have been even greater. The number of heifers at the two censuses is approximately comparable, since in each case it includes the animals born during a 12-month period. This class shows very little change in numbers between the two censuses.

Taken as a whole, the census returns show that the dairy industry is increasing in importance, while the business of raising cattle for slaughter is declining.

Table 9 shows, for 1910 and 1900, the value of the principal classes of cattle, as well as the number of farms reporting each class in 1910.

There was a very considerable increase in the total value of dairy cows, but a decrease in the value of all the other classes shown in the table.

	All cattle (including calves).	Dairy cows.	Other cows.	Heifers.	Steers and bulls.
1910—Number.....	1 61,903,866	20,625,432	12,023,682	7,295,880	13,048,874
Value.....	\$1,469,523,607	\$706,426,307	\$269,160,183	\$103,184,026	\$347,991,174
Average value.....	24.26	\$34.24	\$22.39	\$14.14	\$26.66
Farms reporting.....	5,284,916	5,149,809	1,444,733	2,374,507	.....
Per cent of all farms.....	83.1	80.8	22.7	37.3	.....
1900—Number.....	67,719,410	17,135,633	11,559,194	7,174,483	16,534,518
Value.....	\$1,475,204,633	\$508,616,501	\$271,302,682	\$121,528,076	\$436,467,373
Average value.....	\$21.78	\$29.68	\$23.47	\$16.94	\$26.49

<sup>1</sup> Includes 1,003,786 unclassified cattle, valued at \$21,031,774.

Divisions and states.—Table 14 (pages 316 and 317) shows, for each geographic division and each state, the number and value of the several classes of cattle on farms at the last two censuses. Table 10 below shows the percentage distribution of each class among the divisions and sections, and also the average number of all cattle (excluding calves) and of dairy cows per 1,000 acres of land in farms and of improved farm land. The distribution of calves is not shown, because the difference in climate so affects the relative number of calves born before April 15 in the different divisions that such a distribution would not represent normal conditions.

Table 10

DIVISION OR SECTION.	PER CENT OF TOTAL NUMBER IN THE UNITED STATES.												AVERAGE NUMBER PER 1,000 ACRES OF ALL LAND IN FARMS.				AVERAGE NUMBER PER 1,000 ACRES OF IMPROVED LAND IN FARMS.			
	All cattle.		All cattle (excluding calves).		Dairy cows.		Other cows.		Heifers.		Steers and bulls.		All cattle (excluding calves).		Dairy cows.		All cattle (excluding calves).		Dairy cows.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States.....	100.0	100.0	100.6	109.6	100.9	109.0	100.0	109.0	100.0	100.0	100.0	100.0	81	63	23	20	113	128	43	41
New England.....	2.2	2.4	2.2	2.5	4.1	5.2	0.8	0.3	1.9	2.9	0.7	0.9	59	64	43	43	161	162	116	110
Middle Atlantic.....	6.8	7.0	6.5	7.2	12.6	15.2	2.1	1.3	5.8	8.1	2.0	2.6	82	84	60	58	122	122	89	85
East North Central.....	15.9	15.6	15.5	15.1	23.4	23.1	7.0	4.5	17.5	16.4	10.9	13.5	71	68	41	34	94	91	74	46
West North Central.....	28.6	29.7	28.4	29.4	23.8	26.4	23.8	23.9	30.1	29.9	37.6	38.2	65	77	23	25	55	114	32	33
South Atlantic.....	7.8	6.5	7.9	6.7	8.8	8.1	7.6	5.6	7.5	6.0	6.7	6.2	41	34	17	13	88	76	37	30
South West Central.....	6.4	5.4	6.4	5.2	7.9	7.4	4.2	2.3	7.3	5.2	6.0	5.0	42	34	20	16	79	68	37	31
West South Central.....	17.3	21.0	17.5	21.2	40.9	9.3	33.8	37.6	13.9	18.8	16.4	22.7	56	63	13	9	162	279	39	41
Mountain.....	9.8	8.7	10.4	9.1	2.5	1.9	21.6	19.5	9.2	8.8	11.6	9.4	95	103	9	7	354	567	32	39
Pacific.....	5.2	3.8	5.2	3.7	4.0	3.1	7.1	4.7	4.8	3.8	5.2	3.5	55	41	16	11	127	103	38	29
The North.....	53.5	54.6	54.6	54.2	65.9	70.0	33.7	30.3	55.3	57.4	51.1	53.1	69	74	33	31	98	109	47	46
The South.....	31.6	32.9	31.8	33.0	27.6	25.0	37.6	45.3	30.7	30.0	32.1	34.0	48	45	16	12	114	127	38	34
The West.....	15.0	12.5	15.6	12.8	6.5	5.1	28.7	24.2	14.0	12.6	16.8	12.9	76	71	12	9	222	247	35	32
East of the Mississippi.....	39.1	36.9	38.5	36.6	56.8	59.0	21.7	14.3	40.0	38.7	26.2	28.2	57	52	32	28	95	91	54	48
West of the Mississippi.....	60.9	63.1	61.5	63.4	43.2	41.0	78.3	85.7	60.0	61.3	73.8	71.8	56	63	17	15	128	164	34	35

The West North Central division ranked first in number of all cattle (excluding calves) in 1910, with 28.4 per cent of the total number, followed by the West South Central, with 17.5 per cent, and the East North Central, with 15.5 per cent.

The distribution of dairy cows was somewhat different from that of the other classes of cattle. The West North Central division ranked first, reporting 25.8 per cent of the total number in 1910, but was very closely followed by the East North Central. The Middle Atlantic and West South Central divisions ranked third and fourth.

In the North were found 52.6 per cent of the total number of cattle (excluding calves) in 1910, and 65.9

per cent of the dairy cows; in the South, 31.8 per cent and 27.6 per cent, respectively; and in the West, 15.6 per cent of the total number of cattle (excluding calves), but only 6.5 per cent of the dairy cows.

The average number of all cattle (excluding calves) per 1,000 acres of land in farms was highest in the Mountain division, 95, the Middle Atlantic division following closely, with 82, while the South Atlantic division shows the lowest average, 41. This average is exaggerated in the Mountain division, where considerable tracts used for grazing are not reported as in farms. The divisions ranked very differently, however, with respect to the average number of dairy cows per 1,000 acres.

The following statement, based on Table 14, shows the increase or decrease in the number of each class of cattle between June 1, 1900, and April 15, 1910. The figures of the two censuses for all cattle (excluding

calves) are somewhat more nearly comparable than those for all cattle, but are not exactly comparable, the figures for 1910 being relatively somewhat too high (see below).

Table 11 INCREASE IN NUMBER, JUNE 1, 1900, TO APRIL 15, 1910.

DIVISION OR SECTION.	All cattle.		All cattle (excluding calves).		Dairy cows.		Other cows.		Heifers.		Calves.		Steers and bulls.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
<b>United States</b> .....	<b>-5,915,944</b>	<b>-8.7</b>	<b>1,583,469</b>	<b>3.0</b>	<b>3,489,789</b>	<b>20.4</b>	<b>464,488</b>	<b>4.0</b>	<b>121,397</b>	<b>1.7</b>	<b>-7,569,043</b>	<b>-48.0</b>	<b>-3,485,971</b>	<b>-21.1</b>
New England.....	-270,065	-16.8	-18,616	-11.2	-251,780	-5.3	34,940	5.4	-69,356	-4.2	-1,122,049	-42.1	-1,011,810	-41.9
Middle Atlantic.....	-509,099	-10.6	-234,470	-6.2	-5,136	-0.2	97,327	62.7	-164,030	-28.1	-266,229	-27.5	-162,631	-38.5
East North Central.....	-713,217	-6.8	482,170	6.1	867,046	21.9	317,991	61.2	99,301	8.9	-1,195,357	-45.2	-802,108	-36.0
West North Central.....	-2,441,283	-12.2	-96,683	-0.6	739,833	17.7	99,197	8.4	48,477	2.3	-5,344,702	-26.2	-1,079,395	-18.0
South Atlantic.....	407,571	9.2	773,811	22.2	427,435	30.9	298,020	41.7	112,657	26.0	-366,240	-38.9	-163,661	-15.9
East South Central.....	274,005	7.5	730,249	20.7	303,739	28.8	242,740	92.1	160,718	43.2	-436,544	-48.6	-47,420	-5.7
West South Central.....	-3,481,130	-24.5	-1,645,548	-14.8	614,599	37.4	-1,245,604	-28.8	-199,105	-14.0	-1,855,082	-56.0	-1,524,413	-32.6
Mountain.....	144,826	2.4	866,778	18.2	144,862	56.1	345,352	15.3	40,198	6.4	-720,952	-62.5	-42,731	-2.8
Pacific.....	664,530	26.2	896,208	44.7	289,191	53.9	306,594	56.2	82,547	30.5	-201,656	-33.4	98,188	16.8
<b>The North</b> .....	<b>-3,925,366</b>	<b>-10.6</b>	<b>3,001</b>	<b>0.0</b>	<b>1,609,933</b>	<b>15.4</b>	<b>349,455</b>	<b>15.7</b>	<b>-85,618</b>	<b>-1.1</b>	<b>-3,928,367</b>	<b>-45.8</b>	<b>-2,105,914</b>	<b>-24.0</b>
The South.....	-2,799,554	-12.6	-141,468	-0.8	1,405,813	32.3	734,933	34.0	84,570	3.9	-2,658,956	-53.3	-1,435,494	-44.4
The West.....	809,376	9.5	1,731,986	29.9	474,053	54.7	649,936	25.2	122,745	12.6	-622,010	-52.5	55,437	2.6
East of the Mississippi.....	-802,405	-3.2	1,600,744	8.4	1,601,344	15.8	961,024	58.3	139,280	5.0	-2,406,149	-41.6	-1,237,600	-28.9
West of the Mississippi.....	-5,113,139	-12.0	-10,245	0.0	1,588,455	29.9	-499,536	-5.0	-17,853	-0.4	-5,102,894	-53.5	-2,248,281	-36.6

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Less than one-tenth of 1 per cent.

The total number of cattle (excluding calves) increased in the East North Central, South Atlantic, East South Central, Mountain, and Pacific divisions, but decreased in the other four divisions.

The number of dairy cows increased in all of the divisions except the New England and Middle Atlantic. There was a decrease in steers and bulls in every division except the West South Central, and heifers increased in all but three of the divisions.

Table 12 AVERAGE VALUE PER HEAD.

DIVISION.	All-cattle (excluding calves).	Dairy cows.	Other cows.	Heifers.	Calves.	Steers and bulls.	
						1910.	1900.
<b>United States</b> .....	<b>\$24.26</b>	<b>\$26.81</b>	<b>\$34.24</b>	<b>\$22.39</b>	<b>\$14.14</b>	<b>\$5.66</b>	<b>\$26.66</b>
1910.....	21.78	25.53	29.68	23.47	16.94	8.98	24.40
<b>New England</b> .....	<b>31.60</b>	<b>35.29</b>	<b>39.60</b>	<b>22.37</b>	<b>15.03</b>	<b>5.98</b>	<b>40.02</b>
1910.....	24.21	28.04	31.52	23.63	14.82	6.82	27.72
<b>Middle Atlantic</b> .....	<b>32.77</b>	<b>37.96</b>	<b>43.25</b>	<b>25.53</b>	<b>16.83</b>	<b>6.66</b>	<b>31.25</b>
1910.....	23.87	28.28	32.15	24.80	15.97	6.74	22.74
<b>East North Central</b> .....	<b>27.70</b>	<b>31.28</b>	<b>37.12</b>	<b>26.66</b>	<b>15.78</b>	<b>7.00</b>	<b>28.11</b>
1910.....	23.23	28.21	31.35	29.41	18.28	8.39	27.62
<b>West North Central</b> .....	<b>25.48</b>	<b>28.32</b>	<b>33.25</b>	<b>26.81</b>	<b>14.94</b>	<b>6.72</b>	<b>29.82</b>
1910.....	25.30	29.69	31.64	26.68	19.97	10.78	31.71
<b>South Atlantic</b> .....	<b>18.50</b>	<b>20.22</b>	<b>26.39</b>	<b>13.32</b>	<b>10.31</b>	<b>5.74</b>	<b>22.16</b>
1910.....	14.97	17.52	21.37	14.42	10.62	5.51	18.23
<b>East South Central</b> .....	<b>19.13</b>	<b>21.02</b>	<b>26.97</b>	<b>15.60</b>	<b>10.06</b>	<b>5.51</b>	<b>19.74</b>
1910.....	16.97	20.58	24.19	17.70	12.70	6.47	19.53
<b>Mountain</b> .....	<b>18.96</b>	<b>20.65</b>	<b>26.30</b>	<b>18.61</b>	<b>11.70</b>	<b>6.43</b>	<b>22.12</b>
1910.....	17.68	20.20	23.03	19.96	13.95	8.71	21.46
<b>Pacific</b> .....	<b>24.13</b>	<b>25.35</b>	<b>39.69</b>	<b>23.89</b>	<b>16.36</b>	<b>8.30</b>	<b>27.41</b>
1910.....	22.56	25.35	35.77	24.72	18.51	11.04	26.83
<b>The North</b> .....	<b>25.76</b>	<b>28.44</b>	<b>39.81</b>	<b>25.17</b>	<b>15.66</b>	<b>7.05</b>	<b>26.43</b>
1910.....	22.54	26.87	35.22	25.73	18.01	8.66	24.30

Table 12 shows the average value of each class of cattle in 1910 and 1900.

The average value of all cattle on farms and ranges was \$24.26 in 1910, as compared with \$21.78 in 1900. Had the census of 1910 been taken as of June 1, however, after more spring calves had been born, the average value of the cattle reported would have been somewhat lower than on April 15. The changes in the average value of most of the specified classes of cattle appear to be due mainly to changes in the age limits. The average value of dairy cows, however, increased from \$29.68 to \$34.24, though the minimum age limit was somewhat lower in 1910 than in 1900.

Table 13, below, gives the number of all cattle on farms (excluding calves) and the number of dairy cows, by geographic divisions, for the censuses of 1910, 1900, 1890, and 1880. The data for each census except that of 1910 were collected as of the same date and on the same basis of classification.

DIVISION.	ALL CATTLE (EXCLUDING CALVES).				DAIRY COWS.			
	1910	1900	1890	1880	1910	1900	1890	1880
<b>United States</b> .....	<b>53,997,327</b>	<b>52,045,828</b>	<b>57,648,792</b>	<b>13,675,533</b>	<b>20,625,432</b>	<b>17,135,633</b>	<b>16,511,950</b>	<b>12,443,120</b>
New England.....	1,168,528	1,216,544	1,411,822	1,305,452	841,698	863,473	822,001	746,656
Middle Atlantic.....	3,530,602	3,765,072	4,069,872	4,293,844	2,597,652	2,667,788	2,559,000	2,444,890
East North Central.....	8,369,644	7,887,447	9,083,132	7,629,040	4,829,527	3,962,481	3,752,237	2,980,852
West North Central.....	15,325,303	15,421,986	15,568,309	18,205,181	5,327,606	4,327,803	4,488,702	2,411,229
South Atlantic.....	4,264,112	3,393,804	3,890,467	3,831,728	1,810,754	1,383,419	1,369,466	1,280,741
East South Central.....	3,460,270	2,730,021	3,822,184	3,983,995	1,628,061	1,264,282	1,312,674	1,145,405
West South Central.....	9,447,815	11,093,365	11,077,962	16,015,790	2,240,563	1,634,854	1,517,583	1,045,653
Mountain.....	4,627,878	4,762,900	4,762,900	1,6,811,182	1,144,466	329,004	254,889	123,540
Pacific.....	2,803,175	1,936,967	2,384,200	1,611,243	826,115	536,924	502,078	297,249

<sup>1</sup> Includes estimated number of cattle on public ranges.

## CATTLE ON FARMS—NUMBER AND VALUE, BY AGE AND

[See text with reference to date of enumeration and change in classification.]

Table 14	DIVISION OR STATE.	ALL CATTLE.						DAIRY COWS.				OTHER COWS.			
		Number.		Value.		Number.		Value.		Number.		Value.			
		1910	1910	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900		
1	United States.....	61,803,866	67,719,410	\$1,499,523,607	\$1,475,204,633	20,625,432	17,135,633	\$706,236,307	\$568,616,501	12,023,622	11,559,194	\$289,160,193	\$271,302,882		
2	GEOGRAPHIC DIV.:														
3	New England.....	1,336,550	1,606,615	42,240,843	38,901,947	841,698	893,478	33,333,262	28,162,946	101,557	66,619	2,373,332	1,573,973		
4	Middle Atlantic.....	4,223,521	4,733,230	138,685,253	112,997,422	2,597,632	2,622,788	112,338,259	83,676,361	232,577	155,250	6,447,442	3,849,692		
5	E. North Central.....	9,819,077	10,532,314	271,944,120	244,710,351	4,829,527	5,362,481	179,274,384	124,214,431	837,580	519,589	22,341,550	15,291,227		
6	W. North Central.....	17,647,714	20,089,099	1,449,054,307	1,068,236,536	5,327,666	5,527,663	177,116,338	143,239,720	2,865,372	2,766,175	76,808,285	82,002,730		
7	South Atlantic.....	14,839,221	14,431,750	1,899,533,522	1,663,202,322	1,810,754	1,383,319	47,779,955	30,396,379	910,106	642,680	12,122,883	7,229,861		
8	E. South Central.....	13,942,526	13,658,821	1,754,491,273	1,523,263,269	1,428,081	1,284,252	45,901,666	30,576,691	506,234	263,494	7,897,542	6,644,610		
9	W. South Central.....	10,721,612	14,202,142	1,303,230,500	1,211,117,513	2,249,553	1,634,554	29,415,583	37,651,230	3,103,235	4,338,904	57,740,079	86,821,688		
10	Mountain.....	16,050,725	9,815,899	1,146,269,589	133,449,400	514,466	339,604	20,418,519	11,790,181	2,594,190	2,250,838	61,970,854	55,634,378		
11	Pacific.....	13,204,400	2,339,850	1,824,549,218	57,260,081	826,115	536,924	32,888,220	18,908,692	852,529	545,945	21,438,156	14,044,503		
12	NEW ENGLAND:														
13	Maine.....	256,523	338,947	7,714,384	7,585,545	156,819	173,592	5,874,228	5,690,048	17,975	12,443	383,705	272,017		
14	New Hampshire.....	167,811	229,722	5,210,122	5,546,630	101,278	115,036	3,916,441	3,615,254	16,175	13,102	372,250	319,086		
15	Vermont.....	430,314	501,940	11,828,892	10,528,795	265,433	270,194	9,527,660	7,740,908	27,612	21,175	586,806	472,574		
16	Massachusetts.....	232,416	285,944	9,348,078	8,130,917	171,536	184,562	7,815,701	6,546,054	20,100	9,946	512,381	362,690		
17	Rhode Island.....	34,148	36,034	1,309,068	1,165,977	23,329	23,660	1,098,074	937,137	2,524	1,379	66,703	38,003		
18	Connecticut.....	195,318	217,058	6,730,287	5,944,295	122,833	126,434	5,110,158	4,262,645	17,173	7,994	441,487	209,903		
19	MIDDLE ATLANTIC:														
20	New York.....	2,423,093	2,586,389	83,062,242	62,735,174	1,509,594	1,501,608	69,110,608	48,694,512	138,461	98,466	3,739,506	2,383,248		
21	New Jersey.....	2,222,999	2,384,984	8,983,117	7,199,107	154,418	157,967	7,141,572	5,840,228	14,806	7,977	423,250	255,183		
22	Pennsylvania.....	1,586,619	1,806,847	47,229,894	43,063,191	833,640	943,773	36,104,349	29,141,561	99,220	48,807	2,284,086	1,221,261		
23	E. NORTH CENTRAL:														
24	Ohio.....	1,837,067	2,053,313	51,403,341	46,560,246	905,129	818,259	33,963,422	24,725,382	142,251	87,040	3,671,000	2,347,072		
25	Indiana.....	1,363,016	1,684,478	39,110,492	34,904,524	633,591	574,276	23,988,428	18,255,504	133,709	88,619	3,720,123	2,770,331		
26	Illinois.....	2,440,577	3,104,070	73,454,745	62,170,907	1,060,223	1,007,664	41,189,997	34,279,218	281,957	228,931	8,436,327	7,238,385		
27	Michigan.....	1,497,823	1,746,038	40,500,318	38,126,256	767,083	563,905	29,312,232	17,281,895	106,801	46,295	2,579,663	1,197,863		
28	Wisconsin.....	2,680,074	2,314,105	67,475,224	46,849,418	1,473,505	998,397	50,910,735	29,642,522	173,152	69,094	3,994,437	1,730,773		
29	W. NORTH CENTRAL:														
30	Minnesota.....	2,347,433	1,871,325	50,306,372	36,248,598	1,085,388	753,632	33,276,633	21,513,337	218,948	68,565	4,616,179	1,689,664		
31	Iowa.....	4,448,006	5,367,630	118,864,139	112,518,902	1,406,792	1,423,648	63,631,418	46,349,012	614,930	461,031	17,175,974	14,315,226		
32	Missouri.....	2,561,482	2,978,589	72,883,664	75,656,807	856,430	765,386	30,620,697	25,514,794	306,681	138,146	8,692,733	9,282,117		
33	North Dakota.....	743,762	657,434	17,111,398	15,810,637	259,173	125,503	8,738,468	6,078,574	119,110	108,146	2,256,904	3,425,103		
34	South Dakota.....	1,535,270	1,546,800	36,257,234	37,847,983	369,764	270,634	11,502,951	8,400,818	341,959	270,285	9,232,917	7,991,874		
35	Nebraska.....	2,932,330	3,176,243	73,073,057	82,498,408	613,952	512,244	20,029,378	17,192,130	705,291	674,025	18,585,179	20,522,720		
36	Kansas.....	3,079,403	4,491,078	80,557,443	117,640,801	736,107	676,456	24,297,288	22,191,123	558,153	859,925	14,708,399	24,860,027		
37	SOUTH ATLANTIC:														
38	Delaware.....	54,986	54,180	1,648,333	1,840,883	35,708	32,391	1,315,206	993,972	3,497	1,866	78,956	46,527		
39	Maryland.....	287,731	292,646	7,869,536	6,853,121	166,859	147,284	5,800,210	4,399,777	17,816	9,490	413,661	218,441		
40	Dist. of Columbia.....	882	1,462	75,305	54,471	857	1,251	66,533	* 50,399						
41	Virginia.....	8,859,067	826,512	11,214,071	16,838,847	336,284	281,876	10,285,422	6,641,677	87,697	40,725	1,789,853	908,740		
42	West Virginia.....	620,288	639,782	15,860,764	14,068,427	239,539	206,601	7,563,400	5,694,302	63,740	36,870	1,544,213	896,279		
43	North Carolina.....	1,700,861	624,518	11,250,054	7,667,950	308,914	233,178	8,739,605	6,428,709	106,553	61,682	1,455,022	675,729		
44	South Carolina.....	3,889,882	342,898	17,088,239	4,334,714	180,842	126,684	4,719,360	2,541,723	65,319	42,235	954,236	538,133		
45	Georgia.....	11,060,316	899,431	114,060,938	8,828,495	605,710	270,624	8,478,500	4,658,571	243,300	164,022	2,496,331	1,470,135		
46	Florida.....	1,845,188	751,261	9,262,262	6,314,349	116,041	78,530	2,020,547	1,048,849	319,181	285,712	3,390,621	2,684,922		
47	E. SOUTH CENTRAL:														
48	Kentucky.....	1,000,957	1,083,248	25,971,571	24,987,741	409,834	364,025	13,726,018	10,518,031	101,232	51,745	2,289,579	1,369,424		
49	Tennessee.....	956,529	912,183	20,690,718	15,401,651	397,104	321,676	11,999,735	8,157,474	119,718	49,560	2,067,949	961,527		
50	Alabama.....	932,428	799,734	15,469,626	9,790,556	391,356	279,263	8,569,338	5,512,940	186,354	76,560	1,691,238	997,111		
51	Mississippi.....	1,012,632	873,355	11,269,364	12,070,921	429,587	299,318	6,060,355	6,408,286	338,829	85,629	1,819,676	1,366,548		
52	W. SOUTH CENTRAL:														
53	Arkansas.....	11,028,071	894,335	115,460,666	11,885,627	425,793	312,527	9,522,368	6,349,801	146,190	79,557	2,077,157	1,284,763		
54	Louisiana.....	1,894,735	670,295	11,600,354	8,589,996	279,097	184,815	9,512,779	6,267,063	183,550	124,769	2,640,249	1,828,324		
55	Oklahoma.....	11,923,160	3,209,116	43,187,601	1,627,421,786	530,796	276,339	16,072,908	7,699,669	304,165	1774,068	6,483,490	11,946,775		
56	Texas.....	16,934,586	9,428,196	132,985,875	168,228,904	1,013,867	861,023	27,657,528	19,995,327	2,469,321	3,369,880	46,522,983	66,661,626		
57	MOUNTAIN:														
58	Montana.....	1,943,147	968,387	27,474,122	25,262,016	77,527	45,036	3,407,090	1,886,580	372,778	311,513	11,259,732	9,270,977		
59	Idaho.....	4,337,807	363,534	11,230,639	8,389,814	86,299	51,929	3,434,134	1,797,122	148,007	100,609	3,713,295	2,765,833		
60	Wyoming.....	1,767,437	887,284	11,662,687	39,193,191	32,669	18,272	1,387,273	739,693	307,189	244,659	4,910,305	7,931,297		
61	Colorado.....	11,127,737	1,433,318	31,017,303	35,322,738	144,734	100,116	5,961,316	3,797,997	405,884	483,603	11,083,972	13,807,743		
62	New Mexico.....	11,061,663	991,859	20,409,965	17,577,821	51,451	16,775	1,706,210	1,504,048	57,661	502,865	10,244,867	9,854,024		
63	Arizona.....	1,834,929	742,635	11,464,708	11,367,466	28,862	17,965	1,273,076	577,693	384,091	357,719	4,742,626	5,901,964		
64	Utah.....	412,334	343,690	1,848,702	7,152,844	75,810	65,905	2,586,544	2,073,637	183,174	96,849	4,017,265	2,332,853		
65	Nevada.....	1,449,681	385,192	9,766,723	8,273,260	17,084	13,606	662,855	462,681	210,546	153,388	4,818,802	3,749,667		
66	PACIFIC:														

## LIVE STOCK ON FARMS AND ELSEWHERE.

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## SEX GROUPS, BY DIVISIONS AND STATES: 1910 AND 1900.

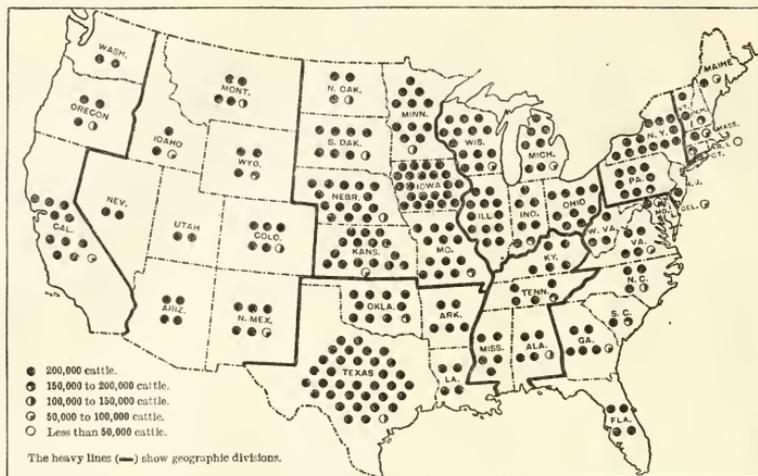
[See text with reference to date of enumeration and change in classification.]

Table 14—Continued.	YEARLING HEIFERS.				CALVES.				STEERS AND BULLS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1 United States.....	7,295,850	7,174,483	8103,194	8226,528,076	7,806,539	15,315,582	92,000,133	93,137,290,001	13,048,547	16,534,518	5347,901,174	446,467,473
GEOGRAPHIC DIVISIONS:												
2 New England.....	139,492	208,858	2,095,920	3,094,829	168,022	290,071	1,005,314	1,979,325	85,779	147,580	3,433,021	4,090,676
3 Middle Atlantic.....	420,046	584,076	7,009,138	9,327,584	701,919	968,148	4,676,025	6,536,958	260,327	422,958	8,134,110	9,616,937
4 East North Central.....	2,279,630	1,179,729	20,181,222	21,567,308	1,449,433	2,644,840	10,143,060	22,178,540	1,425,207	2,225,375	40,001,458	61,458,845
5 West North Central.....	2,163,979	2,145,502	32,779,162	42,836,754	2,322,411	4,667,113	15,005,540	50,322,843	4,903,201	5,982,506	146,200,706	189,740,439
6 South Atlantic.....	545,897	433,240	5,626,390	4,600,635	575,209	941,449	3,303,304	5,183,657	868,001	1,031,662	19,236,128	18,810,720
7 East South Central.....	532,815	372,097	5,358,607	4,726,849	482,256	938,500	2,654,800	6,071,611	782,728	830,148	15,453,820	16,213,508
8 West South Central.....	1,160,134	1,349,229	13,567,986	18,819,545	1,273,107	3,108,779	8,183,618	27,068,181	1,235,863	3,760,276	56,095,225	80,776,669
9 Mountain.....	670,920	630,722	10,973,173	11,672,879	432,847	1,153,799	3,593,978	12,736,954	1,508,185	1,550,936	41,337,919	41,615,068
10 Pacific.....	353,577	271,030	5,538,428	4,881,693	401,225	602,883	2,834,458	5,221,732	681,256	583,068	18,068,778	14,203,561
NEW ENGLAND:												
11 Maine.....	27,346	45,877	386,897	621,354	31,901	61,794	229,739	411,104	22,482	45,101	899,815	1,221,622
12 New Hampshire.....	17,932	29,574	260,545	462,468	18,663	40,434	123,908	305,895	13,843	28,646	560,978	843,827
13 Vermont.....	45,921	68,664	626,515	889,861	67,573	101,584	326,718	566,130	23,725	39,783	761,193	859,802
14 Massachusetts.....	24,587	34,432	420,164	887,680	25,571	43,621	167,200	357,542	10,222	13,363	432,630	377,251
15 Rhode Island.....	2,909	3,815	51,315	73,276	3,773	5,338	23,441	45,337	1,983	1,842	72,555	71,844
16 Connecticut.....	20,767	26,476	344,434	461,570	20,601	37,300	134,308	258,317	13,924	18,854	699,800	716,590
MIDDLE ATLANTIC:												
17 New York.....	234,728	335,844	4,186,454	5,151,703	438,329	507,140	2,785,121	3,144,954	101,891	133,331	3,240,553	3,359,757
18 New Jersey.....	17,625	23,669	334,880	470,484	27,994	39,685	217,613	349,397	8,126	11,306	276,062	360,275
19 Pennsylvania.....	167,693	224,623	2,548,004	3,705,397	235,656	421,323	1,613,291	3,032,067	150,330	208,321	4,164,964	5,962,995
EAST NORTH CENTRAL:												
20 Ohio.....	235,392	217,571	3,784,857	3,959,411	255,682	494,584	1,919,714	4,186,575	299,147	435,879	8,064,298	11,341,866
21 Indiana.....	180,545	183,196	3,119,858	3,660,138	184,133	428,109	1,525,445	4,197,697	221,018	410,281	6,846,638	12,044,081
22 Illinois.....	399,969	332,472	5,246,726	6,755,300	324,079	728,322	2,476,015	7,195,897	477,349	811,621	16,805,670	26,722,947
23 Michigan.....	205,600	161,174	3,034,174	2,685,813	236,050	375,482	1,644,281	4,490,467	182,880	259,642	4,029,648	4,599,278
24 Wisconsin.....	353,124	285,319	4,897,507	4,526,586	449,489	628,343	2,577,203	4,107,904	222,894	357,932	5,055,304	6,811,633
WEST NORTH CENTRAL:												
25 Minnesota.....	323,948	211,162	3,842,647	3,399,865	373,537	565,994	1,932,261	4,254,414	245,614	271,972	6,618,632	5,491,638
26 Iowa.....	554,219	592,075	8,714,358	12,242,600	569,083	1,290,279	3,336,951	14,413,385	1,600,596	2,945,438	55,168,417	55,168,417
27 Missouri.....	306,551	312,749	5,108,647	6,049,589	296,475	633,317	2,368,087	6,943,267	704,045	942,039	2,864,100	29,906,040
28 North Dakota.....	104,203	69,338	1,556,721	1,379,518	130,633	156,420	575,807	1,540,116	130,103	188,027	25,989,486	5,387,354
29 South Dakota.....	104,890	167,607	2,845,747	3,347,411	295,507	345,141	1,352,322	3,782,871	104,255	195,133	11,014,730	14,234,940
30 Nebraska.....	363,661	345,275	5,536,493	7,473,417	364,928	754,500	2,420,204	8,757,661	880,450	889,869	26,337,920	28,359,182
31 Kansas.....	336,417	447,235	5,060,325	9,112,935	382,248	923,462	2,640,408	10,630,929	1,048,673	1,583,940	33,110,415	50,339,787
SOUTH ATLANTIC:												
32 Delaware.....	5,260	5,773	85,928	91,033	7,153	9,363	72,031	83,940	3,368	4,987	96,152	124,513
33 Maryland.....	27,226	28,000	407,692	455,742	39,064	55,465	335,659	453,071	35,786	51,177	1,345,100	1,345,100
34 District of Columbia.....	50	76	1,742	1,357	32	69	1,866	605	23	28	3,662	1,160
35 Virginia.....	94,760	71,952	1,232,807	1,029,057	83,926	162,033	633,193	1,273,778	233,994	268,896	7,075,166	7,085,640
36 West Virginia.....	75,503	60,298	1,125,158	990,655	59,518	134,107	422,136	1,102,228	181,988	202,936	5,907,887	4,374,963
37 North Carolina.....	88,187	68,762	775,949	561,321	89,866	142,686	399,094	549,844	107,646	118,840	2,074,684	1,454,347
38 South Carolina.....	54,928	33,879	544,482	291,705	48,291	87,734	225,057	361,454	42,461	52,266	221,644	611,099
39 Georgia.....	126,554	93,855	893,207	680,407	103,886	211,579	661,368	798,168	140,928	154,251	1,529,790	1,248,417
40 Florida.....	76,480	70,445	651,425	458,458	94,233	138,303	554,400	586,919	121,907	177,881	1,394,869	1,565,201
EAST SOUTH CENTRAL:												
41 Kentucky.....	125,791	104,861	1,853,379	1,880,432	102,403	250,502	812,882	2,480,227	201,587	312,115	7,289,713	8,749,627
42 Tennessee.....	132,649	94,224	1,506,217	1,243,158	114,187	236,600	698,481	1,606,949	231,542	210,723	4,329,771	3,451,943
43 Alabama.....	131,179	83,027	873,968	703,459	115,487	213,397	454,175	826,805	144,092	147,487	1,806,707	1,753,241
44 Mississippi.....	143,196	89,955	1,095,643	899,500	150,089	238,601	689,352	1,157,630	148,597	150,823	2,027,629	2,258,097
WEST SOUTH CENTRAL:												
45 Arkansas.....	137,849	103,555	1,211,494	1,064,074	169,240	254,473	822,170	1,418,961	146,128	144,373	1,787,440	1,768,028
46 Louisiana.....	162,995	66,076	877,642	630,250	120,461	169,825	627,073	817,172	103,433	124,810	1,330,514	1,607,317
47 Oklahoma.....	202,337	224,763	2,650,753	3,061,837	201,194	336,220	1,690,424	5,303,544	619,676	1,039,896	15,256,066	13,811,561
48 Texas.....	716,943	954,835	8,828,065	13,473,384	722,302	2,148,261	5,048,951	19,328,804	1,666,626	2,094,197	37,741,205	43,569,763
MOUNTAIN:												
49 Montana.....	100,784	97,890	1,965,734	2,002,190	82,626	157,333	793,113	2,228,419	200,760	326,406	8,401,168	9,972,841
50 Idaho.....	53,727	40,308	851,588	702,889	40,289	86,398	373,546	883,908	85,379	84,303	2,180,382	2,180,382
51 Wyoming.....	83,896	67,888	1,658,749	1,549,409	45,987	126,770	472,620	1,788,934	254,330	229,495	8,567,389	7,402,798
52 Colorado.....	114,815	151,627	2,054,943	1,546,858	36,201	269,154	710,698	3,130,465	355,242	429,382	16,643,645	11,639,675
53 New Mexico.....	121,018	114,045	1,682,450	1,706,334	49,381	188,762	387,103	1,069,648	191,387	169,412	4,068,994	3,857,877
54 Arizona.....	93,113	73,437	1,287,024	961,818	57,887	135,181	406,341	1,133,178	178,129	158,333	3,537,651	3,792,813
55 Utah.....	50,126	46,461	685,500	681,640	33,042	78,940	235,357	729,551	61,135	61,335	1,263,869	1,332,633
56 Nevada.....	53,441	44,967	789,125	792,272	28,434	81,061	215,110	851,851	123,683	92,170	2,824,427	2,416,789
PACIFIC:												
57 Washington.....	31,995	44,113	844,480	805,325	57,188	105,130	421,618	880,056	44,381	80,053	1,286,846	1,046,963
58 Oregon.....	83,102	78,628	1,245,353	1,280,165	76,288	168,323	529,317	1,536,473	150,713	147,805	3,891,290	3,565,879
59 California.....	218,840	148,289	3,448,595	2,866,263	267,799	329,430	1,883,523	2,796,201	485,712	355,210	12,830,672	8,660,719

\*Includes Indian Territory.

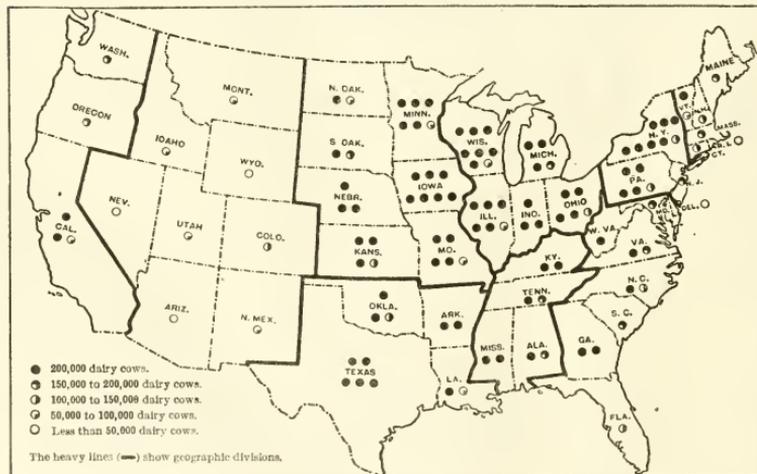
## ALL CATTLE ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



## DAIRY COWS ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



## HORSES, MULES, AND ASSES AND BURROS ON FARMS.

United States as a whole.—The draft animals on farms in the United States consist mainly of horses and mules, comparatively few oxen being used. The age classification of horses and mules used in 1910 differed from that employed in 1900 in the same way as in the case of cattle, and the change in the date of enumeration also affects the returns. The data are,

however, somewhat more nearly comparable than those for cattle, because a much larger proportion of horses and mules are of mature age.

The following statement shows the definitions of the classes at each census and the number reported for the United States as a whole in each class, and also the totals for asses and burros:

1910 (APRIL 15).			1900 (JUNE 1).			NOMINAL INCREASE.	
Class as defined in schedule.	Corresponding age limits.	Number.	Class as defined in schedule.	Corresponding limits of date of birth.	Number.	Number.	Per cent.
<b>Horses, mules, and asses and burros.</b>		<b>24,148,580</b>	<b>Horses, mules, and asses and burros.</b>		<b>21,625,800</b>	<b>2,522,780</b>	<b>11.7</b>
All horses		19,833,113	All horses		18,267,020	1,566,093	8.6
Born before Jan. 1, 1900.	Over 15½ months	17,430,418	Horses 2 years old and over	Before June 1, 1898.	15,505,966	1,924,452	12.4
Colts born in 1900.	3½ to 15½ months.	1,731,882	Horses 1 and under 2 years.	June 1, 1898, to June 1, 1899.	1,446,225	285,757	19.8
Colts born after Jan. 1, 1910.	Under 3½ months.	612,775	Colts under 1 year.	After June 1, 1899.	1,314,829	-702,054	-53.4
All mules.		4,209,769	All mules.		3,264,615	945,154	29.0
Born before Jan. 1, 1900.	Over 15½ months	3,787,216	Mules 2 years old and over.	Before June 1, 1898.	2,733,486	1,033,893	37.5
Colts born in 1900.	3½ to 15½ months.	313,190	Mules 1 and under 2 years.	June 1, 1898, to June 1, 1899.	279,501	33,695	12.1
Colts born after Jan. 1, 1910.	Under 3½ months.	109,257	Colts under 1 year.	After June 1, 1899.	231,628	-122,371	-52.8
Asses and burros (all ages).		105,698	Asses and burros (all ages).		94,165	11,533	12.2

<sup>1</sup> A minus sign (—) denotes decrease.

The total number of horses reported as on farms on April 15, 1910, was 19,833,000, as compared with 18,267,000 on June 1, 1900, an increase of 1,566,000, or 8.6 per cent. The numbers of mules at the same dates were 4,210,000 and 3,265,000, respectively, showing an increase of 945,000, or 29 per cent. Had the enumeration of 1910 been made as of June 1, however, the increase in both classes would have been somewhat greater on account of the addition of colts born between April 15 and June 1. The number of horse colts under 1 year of age reported on June 1, 1900, was 1,315,000. Assuming that the rate of increase during the decade in the number of young colts was about the same as the rate for yearlings (about 20 per cent, which, it should be noted, is a greater relative increase than that in older horses) there would have been on June 1, 1910, nearly 1,600,000 horse colts under 1 year of age. Of these, however, a comparatively small number would have been born between June 1, 1909, and January 1, 1910, and would already be included in the returns for the class of "colts born in 1909." After deducting these there would have remained on June 1, 1910, perhaps between twelve and fourteen hundred thousand colts born after January 1, 1910, or from six to eight hundred thousand more than were reported on April 15, 1910 (613,000). Since a certain number of older horses living on April 15, 1910, would have died before June 1, the addition to the total number of horses of all ages which would have resulted from an enumeration on June 1 would have been perhaps 200,000 less than this addition to the number of colts. Similar calculations in the case of mules indicate the probability that had the enumeration of

1910 been taken as of June 1, there would have been in the neighborhood of 100,000 more mules than were reported for April 15.

With respect to animals of the oldest age group, which may be roughly designated as "mature horses" and "mature mules," the fact that the minimum age limit for the group in 1910 (15½ months) was lower than in 1900 (2 years) results in throwing some animals into this group at the later census which would have been classed as "yearlings" in 1900. Even after deducting these, however, and allowing for animals dying between April 15 and June 1, the increase in mature animals during the decade would doubtless be nearly as great as indicated by the figures of the above table. The actual increase would probably be in the neighborhood of 10 or 11 per cent for mature horses and at least 30 per cent for mature mules.

There should be fairly close comparability with respect to the older group of colts, which may for convenience be roughly designated by the term "yearlings." The returns for this group at each census represent animals born during a period of 12 months. A considerable increase occurred during the decade in this group in the case of both horses and mules.

The number of horses reported in 1910 was about four and three-fourths times as great as the number of mules, whereas in 1900 there were about five and one-half times as many horses as mules.

Table 16 shows statistics with regard to the value of horses, mules, and asses and burros in the United States as a whole, and the number and percentage of farms reporting these animals.

	All horses, mules, and asses and burros.	Horses.	Mules.	Asses and burros.
1910—Number	24,148,450	19,833,113	4,209,769	105,698
Value	\$2,622,180,170	\$2,084,588,190	\$525,391,863	\$13,200,112
Average value	\$108.59	\$106.06	\$124.33	\$124.89
Farms reporting	4,092,814	1,309,005	43,927	
Per cent of all farms	73.8	29.4	0.7	
1900—Number	21,625,800	18,267,020	3,264,615	94,165
Value	\$1,095,546,454	\$896,613,217	\$196,222,033	\$5,811,184
Average value	\$50.80	\$49.11	\$60.71	\$61.71
Farms reporting	4,536,620	1,480,632	33,584	
Per cent of all farms	79.0	25.8	0.6	

This table shows a remarkable increase in the total value, which in turn is due primarily to the great increase in value per head. The combined value of horses, mules, and asses and burros in 1910 was 138.6 per cent greater than the value in 1900.

Divisions and states.—Table 21 (pages 322 and 323) shows, for each geographic division and state, the number and value of horses, mules, and asses and burros on farms, by classes. Table 17 shows certain percentages and averages, by divisions and sections.

DIVISION OR SECTION	PER CENT OF TOTAL NUMBER IN THE UNITED STATES.																AVERAGE NUMBER OF HORSES, MULES, AND ASSES AND BURROS.									
	All horses, mules, and asses and burros.		All horses.		Mature horses. <sup>1</sup>		Yearling horses. <sup>1</sup>		Horse colts. <sup>1</sup>		All mules.		Mature mules. <sup>1</sup>		Yearling mules. <sup>1</sup>		Mule colts. <sup>1</sup>		All asses and burros.		Per 1,000 acres of all land in farms.		Per 1,000 acres of improved land.			
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900		
<b>United States</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	27	28	50	52			
New England	1.5	1.8	1.8	2.1	2.0	2.4	0.6	0.9	0.2	0.6	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	0.1	0.1	0.2	1.8	19	49	45
Middle Atlantic	5.3	6.3	6.2	7.2	6.7	7.7	3.4	4.8	1.8	3.8	1.2	1.4	1.3	1.5	0.5	1.0	0.2	0.6	0.6	1.0	30	30	44	44	44	
East North Central	19.3	20.1	22.2	22.6	22.5	22.7	21.5	22.0	18.6	21.3	6.2	6.6	5.8	6.2	9.8	8.0	10.0	10.1	5.1	4.5	40	37	52	50	50	
West North Central	31.3	28.8	34.3	31.0	33.8	30.6	38.4	33.5	37.1	33.7	17.0	16.4	14.9	13.8	36.4	29.0	34.3	32.4	21.1	16.5	32	31	46	46	46	
South Atlantic	7.7	7.5	5.6	5.9	5.8	6.2	4.4	4.2	4.6	4.3	17.8	17.0	18.4	19.1	3.3	7.4	2.5	4.0	3.2	2.4	1.8	16	18	38	35	35
East South Central	6.0	9.5	5.8	6.5	5.8	6.7	5.4	4.9	6.9	5.8	23.8	26.1	24.4	26.3	18.7	23.0	18.5	24.9	14.9	18.8	27	25	49	51	51	
West South Central	15.2	14.8	11.8	12.3	11.8	12.2	11.1	11.8	15.1	13.1	30.6	28.8	31.0	29.6	26.2	25.1	29.3	24.4	28.2	23.7	22	18	63	80	80	
Mountain	6.2	6.4	7.2	7.3	6.7	6.4	9.6	12.2	8.5	11.9	1.2	0.8	1.0	0.7	2.4	1.3	1.7	1.7	23.7	29.8	25	30	94	164	164	
Pacific	4.6	4.9	5.1	5.2	5.0	5.2	5.7	5.7	7.2	5.4	2.2	2.9	2.1	2.9	2.7	2.8	3.5	5.8	3.1	2.9	66	62	51	66	66	
The North	37.3	36.9	64.4	62.9	64.9	63.4	63.8	61.2	57.7	56.2	24.5	24.5	22.0	21.5	46.7	38.5	44.5	43.1	27.0	22.3	33	32	48	47	47	
The South	10.9	11.8	23.2	24.6	23.1	23.9	20.9	20.6	23.2	22.2	71.8	74.8	74.9	78.2	57.4	60.3	52.3	46.2	45.0	22	19	51	55	55	55	
The West	16.8	11.2	12.3	13.7	11.6	15.3	17.9	15.7	17.3	3.3	3.7	3.2	3.6	5.1	4.1	5.2	4.6	26.8	32.7	24	26	69	90	90		
East of the Mississippi River	42.8	45.2	41.6	44.2	42.7	45.5	35.2	36.8	32.0	35.8	49.1	51.1	51.0	53.0	32.3	41.8	31.2	31.7	24.0	27.0	28	27	47	46	46	
West of the Mississippi River	57.2	54.8	58.4	55.8	57.3	54.4	64.8	63.2	68.0	64.2	50.9	48.9	49.0	47.7	67.7	58.2	68.8	66.0	70.3	70.0	27	25	53	59	59	

<sup>1</sup> For definition of these terms at the two censuses, see page 319.

<sup>2</sup> Less than one-tenth of 1 per cent.

Of the total number of horses, mules, and asses and burros, considered together, in 1910, 31.2 per cent were reported from the West North Central division, 19.3 per cent from the East North Central, and 15.2 per cent from the West South Central, these three divisions together containing about two-thirds of the entire number. The North reported 57.3 per cent of the total, the South 31.9 per cent, and the West 10.8 per cent.

The geographic distribution of horses is quite different from that of mules. Although the use of mules is rapidly increasing in the North, it is in the South that they have been found particularly useful. In the North there were more than twelve times as many horses as mules in 1910, but in the South only about one and one-half times as many.

There is a wide difference among the several geographic divisions in the extent to which the breeding of horses and mules is carried on, as is shown by the differences between the distribution of "mature" animals and that of "yearlings" and "colts," and still more clearly by a comparison of the ratios which the numbers of "colts" or "yearlings" reported from the several divisions bear to the numbers of mature animals reported from the same divisions. At the census of 1910, the number of yearling horses (that is, those born during the year 1909) was equal in New England to only 2.9 per cent of the number of mature horses and in the Middle Atlantic division to only 5 per cent,

whereas in the West North Central division the ratio was 11.3 per cent, in the Pacific division 11.4 per cent, and in the Mountain division 14.2 per cent.

The average number of horses, mules, and asses and burros combined, in 1910, to each 1,000 acres of land in farms in the country as a whole was 27, and the average number to each 1,000 acres of improved land was 50. The East North Central division shows the largest number (40) per 1,000 acres of all land in farms, and the New England and South Atlantic divisions stand lowest, with 18 in each case. The number per 1,000 acres of improved land ranged from 94 in the Mountain division to 38 in the South Atlantic.

Table 18 shows, by divisions and sections, the increase or decrease from 1900 to 1910 in the number of horses, mules, and asses and burros. Separate data for colts are not given as they have little significance, but the totals include colts.

In the number of horses, mules, and asses and burros combined an increase took place between June 1, 1900, and April 15, 1910, in all the geographic divisions except the New England and Middle Atlantic divisions. Much the greatest increase, both absolute and relative, was in the West North Central division, but there was also a very conspicuous increase (mainly in mules) in the West South Central division. The number of mules increased in every geographic division except the Pacific.

Table 18

INCREASE IN NUMBER, JUNE 1, 1900, TO APRIL 15, 1910<sup>1</sup>

DIVISION OR SECTION.	All horses, mules, and asses and burros.		Horses.						Mules.						All asses and burros.	
			All horses.		Mature horses. <sup>2</sup>		Yearlings. <sup>3</sup>		All mules.		Mature mules. <sup>3</sup>		Yearlings. <sup>1</sup>			
			Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.		
<b>United States.....</b>	<b>2,922,780</b>	<b>11.7</b>	<b>1,566,093</b>	<b>8.8</b>	<b>1,924,452</b>	<b>12.4</b>	<b>285,757</b>	<b>19.8</b>	<b>945,154</b>	<b>29.0</b>	<b>1,033,830</b>	<b>37.5</b>	<b>33,695</b>	<b>12.1</b>	<b>11,533</b>	<b>12.2</b>
New England.....	30,640	-7.9	30,941	-8.0	21,219	-5.8	-3,229	-23.0	334	23.9	590	56.0	-48.5	-33	-18.3	
Middle Atlantic.....	235,217	-5.7	83,755	-6.4	123,218	-2.8	-11,409	-16.3	6,156	13.3	9,974	24.5	-2,579	-62.8	-272	-28.4
East North Central.....	321,989	7.5	273,985	6.8	392,044	11.1	53,823	16.9	43,883	20.4	47,999	28.3	8,288	36.9	1,116	25.9
West North Central.....	1,309,873	21.0	1,122,384	19.8	1,132,761	24.3	181,220	37.4	180,815	33.8	183,123	48.8	33,123	40.9	6,074	42.8
South Atlantic.....	125,217	14.4	49,117	3.7	52,884	5.5	15,538	25.9	194,128	35.0	211,055	49.2	-10,370	-59.5	1,072	46.6
East South Central.....	109,741	5.3	-41,440	-3.5	-29,724	-2.9	22,291	31.7	153,153	18.0	301,652	27.9	-11,059	-10.9	-1,872	-11.1
West South Central.....	463,302	14.5	110,305	4.9	162,594	8.6	21,106	12.4	347,591	37.0	357,665	43.9	12,055	17.2	7,492	33.1
Mountain.....	121,350	8.8	102,401	7.7	173,788	17.5	-10,204	-5.8	22,128	82.5	20,628	10.8	3,728	10.6	-3,079	-11.0
Pacific.....	65,541	6.2	67,956	7.1	74,722	9.4	16,730	20.2	-3,069	-3.2	-883	-1.1	563	7.2	621	23.1
The North.....	1,525,949	12.4	1,266,674	11.2	1,490,368	15.5	220,314	24.9	231,100	29.0	243,716	41.1	38,782	36.0	7,485	33.6
The South.....	810,360	11.8	408,422	4.2	185,564	29.8	58,927	19.9	694,872	29.8	770,372	37.3	-9,374	-5.8	6,506	15.4
The West.....	187,071	7.7	170,437	7.5	218,520	13.9	6,516	2.5	19,062	13.7	19,742	19.8	4,287	37.2	-2,458	-8.0
East of the Mississippi River.....	560,334	5.7	162,937	2.0	360,777	3.1	76,915	14.0	397,666	28.8	471,270	32.3	-15,770	-13.5	-89	-0.3
West of the Mississippi River.....	1,962,294	16.6	1,403,126	13.8	1,563,675	18.5	208,842	22.8	547,498	34.3	562,560	43.5	49,463	30.4	11,622	16.9

<sup>1</sup> A minus sign (-) denotes decrease.<sup>2</sup> For definition of these classes at the two censuses, see page 319.

The following table shows the average value per head of the various classes in 1910 and 1900. In comparing the averages for the two censuses the differences in classification should be kept in mind.

Table 19

AVERAGE VALUE PER HEAD.

DIVISION.	HORSES, <sup>1</sup>												MULES, <sup>1</sup>			All asses and burros.
	All horses.				Ma-ture horses.				Year-ling mules.				All mules.			
	All horses.	Ma-ture horses.	Year-ling mules.	Colts.	All mules.	Ma-ture mules.	Year-ling mules.	Colts.	All mules.	Ma-ture mules.	Year-ling mules.	Colts.				
<b>United States:</b>	<b>\$105.06</b>	<b>\$112.36</b>	<b>\$58.82</b>	<b>\$53.55</b>	<b>\$53.55</b>	<b>\$124.86</b>	<b>\$121.49</b>	<b>\$121.49</b>	<b>\$74.94</b>	<b>\$41.51</b>	<b>\$124.89</b>	<b>\$124.89</b>	<b>\$124.89</b>	<b>\$124.89</b>		
1910.....	49.68	53.03	33.40	19.70	69.11	64.74	42.06	26.75	61.71	61.71	61.71	61.71	61.71	61.71		
New England.....	124.19	126.00	69.01	40.35	163.64	167.01	87.26	42.46	87.23	87.23	87.23	87.23	87.23	87.23		
Middle Atlantic.....	69.59	70.84	55.76	32.92	67.17	75.47	54.72	33.61	63.04	63.04	63.04	63.04	63.04	63.04		
East North Central.....	130.21	133.93	72.69	43.92	146.83	149.02	85.43	41.43	126.97	126.97	126.97	126.97	126.97	126.97		
West North Central.....	73.38	76.23	56.38	31.96	75.46	78.43	58.49	31.12	34.61	34.61	34.61	34.61	34.61	34.61		
South Atlantic.....	111.17	117.71	66.68	34.57	121.05	131.66	64.48	38.93	176.69	176.69	176.69	176.69	176.69	176.69		
East South Central.....	55.97	58.71	42.66	26.68	57.91	63.56	45.21	26.99	85.84	85.84	85.84	85.84	85.84	85.84		
West South Central.....	110.91	119.56	61.12	33.24	126.47	141.61	79.20	42.48	221.90	221.90	221.90	221.90	221.90	221.90		
Mountain.....	59.59	54.67	34.54	20.84	56.17	64.71	42.14	28.15	118.83	118.83	118.83	118.83	118.83	118.83		
Pacific.....	109.22	114.89	62.18	34.29	133.87	145.26	71.98	38.44	140.59	140.59	140.59	140.59	140.59	140.59		
The North.....	103.16	108.57	68.94	35.19	124.63	129.55	76.78	47.47	149.22	149.22	149.22	149.22	149.22	149.22		
The South.....	53.13	55.32	43.71	30.15	64.12	68.64	46.08	29.13	83.54	83.54	83.54	83.54	83.54	83.54		
The West.....	77.74	82.57	45.14	31.15	112.99	118.69	62.11	28.15	105.56	105.56	105.56	105.56	105.56	105.56		
East of the Mississippi River.....	78.91	88.27	46.58	25.67	106.78	118.70	60.82	31.96	26.39	26.39	26.39	26.39	26.39	26.39		
West of the Mississippi River.....	23.43	27.33	14.90	8.21	37.33	42.84	29.20	18.74	8.19	8.19	8.19	8.19	8.19	8.19		
United States.....	99.83	108.73	53.47	31.51	130.38	140.30	71.55	30.18	175.22	175.22	175.22	175.22	175.22	175.22		
1910.....	36.77	40.49	21.14	13.20	33.39	37.61	37.28	20.75	76.37	76.37	76.37	76.37	76.37	76.37		

<sup>1</sup> For definition of the subclasses at the two censuses, see page 319.

Table 20

HORSES, MULES, AND ASSES AND BURROS (EXCLUDING HORSE AND MULE COLTS).

DIVISION.	HORSES (EXCLUDING HORSE AND MULE COLTS).				MULES (EXCLUDING MULE COLTS).				ASSES AND BURROS (EXCLUDING MULE COLTS).			
	1910		1900		1910		1900		1910		1900	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>United States.....</b>	<b>33,426,548</b>	<b>20,079,343</b>	<b>17,581,218</b>	<b>12,170,296</b>	<b>18,820,338</b>	<b>16,952,191</b>	<b>15,296,244</b>	<b>10,357,488</b>	<b>4,206,210</b>	<b>3,127,125</b>	<b>2,315,074</b>	<b>1,812,805</b>
New England.....	355,667	379,708	370,106	325,502	323,804	373,352	365,849	324,666	1,803	1,366	1,267	1,496
Middle Atlantic.....	1,271,362	1,308,857	1,412,441	1,395,138	1,128,425	1,263,043	1,370,015	1,230,885	52,937	45,814	42,429	37,253
East North Central.....	2,441,623	4,028,353	4,108,508	3,278,968	4,287,037	3,944,809	3,912,858*	3,072,210	253,520	196,325	195,661	206,718
West North Central.....	7,257,431	5,704,263	5,122,717	2,727,962	5,228,536	5,228,536	4,461,006	2,394,821	700,677	475,727	461,711	333,041
South Atlantic.....	1,832,861	1,562,684	1,226,111	1,148,183	1,082,963	1,014,538	898,758	801,229	799,568	548,141	417,393	364,944
East South Central.....	2,101,755	1,929,573	1,636,298	1,465,536	1,162,457	1,179,886	989,455	885,026	993,308	810,187	646,843	540,510
West South Central.....	3,640,649	2,972,969	1,921,647	1,352,270	2,256,357	2,065,983	1,472,550	1,056,367	1,284,103	900,977	440,141	296,203
Mountain.....	1,447,067	1,219,247	1,835,355	2,049,039	1,374,994	1,168,591	1,809,671	202,269	72,163	30,383	38,714	78,830
Pacific.....	1,058,312	972,668	1,862,764	429,428	976,937	851,664	1,801,129	407,665	91,355	91,034	61,628	31,773

\* Includes estimated number of horses on public ranges.

## HORSES, MULES, AND ASSES AND BURROS ON FARMS—NUMBER AND VALUE OF HORSES AND

[See text with reference to date of enumeration and change in classification.]

Table 21	DIVISION OR STATE.	ALL HORSES, MULES, AND ASSES AND BURROS.				ALL HORSES.			
		Number.		Value.		Number.		Value.	
		1910	1900	1910	1900	1910	1900	1910	1900
1	United States.....	24,148,880	21,625,800	\$2,622,180,170	\$1,088,546,454	19,833,113	18,267,020	\$2,053,588,195	\$894,513,217
GEOGRAPHIC DIVISIONS:									
2	New England.....	356,631	387,271	44,353,827	26,939,946	354,755	385,696	44,068,076	26,840,293
3	Middle Atlantic.....	1,282,787	1,340,660	167,894,887	100,033,054	1,229,646	1,318,443	160,111,303	96,509,032
4	East North Central.....	4,666,291	4,342,392	521,633,254	243,575,108	4,401,442	4,122,454	489,290,485	230,723,365
5	West North Central.....	7,632,378	6,222,565	848,994,801	317,214,020	6,799,192	5,671,808	733,512,291	288,306,516
6	South Atlantic.....	1,863,817	1,629,504	229,632,628	98,157,221	1,711,187	1,671,670	121,339,125	99,905,326
7	East South Central.....	2,164,134	2,064,393	245,527,231	119,072,630	2,114,990	1,186,039	119,071,299	63,019,031
8	West South Central.....	3,665,167	3,199,855	331,100,901	120,965,665	12,349,029	2,233,724	133,618,200	68,125,207
9	Mountain.....	1,801,023	1,879,463	118,463,632	32,208,440	1,427,067	1,234,576	112,600,288	33,060,960
10	Pacific.....	1,116,352	1,050,811	114,520,214	40,319,431	1,021,166	953,210	110,911,788	35,046,487
NEW ENGLAND:									
11	Maine.....	107,954	106,700	14,440,890	7,078,288	107,474	106,299	14,364,756	7,038,899
12	New Hampshire.....	46,454	54,990	4,297,633	3,848,307	46,229	54,866	5,266,389	3,840,670
13	Vermont.....	81,232	85,887	8,640,933	5,342,359	80,781	85,531	8,591,357	5,319,597
14	Massachusetts.....	64,572	74,383	8,717,159	5,848,815	64,283	75,034	8,671,997	5,826,457
15	Rhode Island.....	9,621	11,443	1,435,962	983,969	9,447	11,300	1,424,177	910,433
16	Connecticut.....	46,798	52,578	5,815,178	3,837,147	46,341	52,576	5,739,400	3,813,032
MIDDLE ATLANTIC:									
17	New York.....	593,344	632,089	80,732,051	48,215,212	591,008	628,438	80,043,202	47,977,931
18	New Jersey.....	93,016	95,955	12,630,660	7,938,766	88,922	94,024	12,012,512	7,882,274
19	Pennsylvania.....	594,427	629,616	74,622,906	43,879,076	549,756	590,981	68,065,489	40,948,827
EAST NORTH CENTRAL:									
20	Ohio.....	933,562	866,226	101,748,029	61,119,437	910,224	878,205	99,910,638	50,159,245
21	Indiana.....	897,548	819,440	97,087,699	44,475,215	813,644	751,710	87,118,468	40,641,988
22	Illinois.....	1,603,583	1,477,332	182,071,929	77,341,758	1,482,887	1,350,219	163,363,400	69,008,100
23	Michigan.....	613,966	588,570	71,830,231	36,070,225	610,633	586,559	71,312,474	36,908,557
24	Wisconsin.....	617,722	560,674	68,915,366	34,568,473	614,654	555,756	68,585,065	34,161,475
WEST NORTH CENTRAL:									
26	Minnesota.....	756,178	704,969	89,824,452	42,783,099	783,184	696,469	89,068,872	42,285,044
27	Iowa.....	1,549,364	1,450,162	185,831,154	81,458,106	1,492,226	1,392,573	177,999,124	77,730,577
28	Missouri.....	1,428,964	1,259,333	160,469,138	58,688,989	1,073,887	967,037	113,976,563	42,094,814
29	North Dakota.....	658,427	368,934	84,633,655	23,218,108	630,699	359,948	83,401,720	22,728,511
30	South Dakota.....	683,119	487,767	75,183,223	20,450,317	1,669,362	480,708	73,442,978	20,085,687
31	Nebraska.....	1,065,901	851,174	113,635,618	39,951,575	1,008,378	795,318	110,804,967	36,663,539
32	Kansas.....	1,306,425	1,102,186	139,426,561	50,694,426	1,167,056	979,695	112,758,138	45,788,334
SOUTH ATLANTIC:									
32	Delaware.....	39,018	34,482	4,219,869	2,113,871	33,065	29,722	3,451,791	1,767,625
33	Maryland.....	178,206	166,574	19,866,498	10,754,026	155,438	148,994	16,787,467	9,322,094
34	District of Columbia.....	617	955	60,886	63,412	564	854	55,026	67,362
35	Virginia.....	391,229	346,408	42,574,780	18,320,400	330,424	298,522	34,857,610	15,320,044
36	West Virginia.....	191,688	196,638	19,948,697	11,116,913	179,991	185,188	18,583,381	10,376,550
37	North Carolina.....	341,879	295,588	42,260,375	17,542,369	306,151	159,163	18,428,134	8,786,611
38	South Carolina.....	235,719	196,035	34,040,450	13,284,779	79,847	78,419	10,147,178	4,846,903
39	Georgia.....	416,180	335,247	38,249,583	21,592,900	120,067	127,407	14,193,839	7,002,228
40	Florida.....	66,101	56,573	8,411,225	3,368,556	45,640	42,811	4,854,069	2,200,239
EAST SOUTH CENTRAL:									
41	Kentucky.....	672,754	647,621	72,046,486	36,113,305	443,054	451,697	44,796,120	24,548,542
42	Tennessee.....	633,533	614,897	75,405,920	36,585,769	349,709	352,388	39,320,044	19,611,517
43	Alabama.....	384,664	346,532	45,372,248	21,145,889	135,636	152,643	13,651,284	7,966,121
44	Mississippi.....	473,773	445,343	52,612,637	25,228,207	216,220	229,311	20,303,881	10,882,831
WEST SOUTH CENTRAL:									
45	Arkansas.....	480,014	431,670	50,749,974	30,376,334	254,716	253,590	23,152,209	10,164,495
46	Louisiana.....	313,371	339,028	27,484,888	17,315,294	181,286	194,372	11,789,695	6,624,617
47	Oklahoma.....	1,005,748	436,648	89,151,190	22,788,578	1,742,959	1,521,330	163,651,611	26,839,012
48	Texas.....	1,866,054	1,709,122	189,723,854	60,487,449	1,170,068	1,209,422	184,024,635	34,407,083
MOUNTAIN:									
49	Montana.....	320,290	332,829	27,616,223	7,907,421	1,315,056	329,972	1,271,716,704	7,788,672
50	Idaho.....	202,155	172,275	20,413,716	4,204,618	1,197,772	170,120	1,193,823,423	14,323,343
51	Wyoming.....	158,348	137,184	12,763,100	3,286,442	1,156,062	135,543	12,426,838	3,225,196
52	Colorado.....	312,907	248,843	29,318,193	7,686,283	2,294,035	236,546	1,27,382,920	7,308,726
53	New Mexico.....	200,314	153,366	9,494,358	2,468,129	1,179,025	131,133	17,868,314	2,220,469
54	Arizona.....	110,645	133,765	4,682,267	1,827,606	1,995,758	125,063	4,209,736	1,701,905
55	Utah.....	119,113	118,888	10,225,578	3,470,718	1,115,676	115,884	1,999,835	3,396,313
56	Nevada.....	72,161	83,343	4,040,197	1,386,823	1,68,453	80,295	1,272,336	
PACIFIC:									
57	Washington.....	292,930	246,836	31,589,551	8,705,100	1,280,572	243,985	1,29,680,849	8,560,434
58	Oregon.....	282,183	292,683	26,617,768	9,011,732	1,271,708	287,932	1,25,181,143	8,651,690
59	California.....	541,239	508,203	56,462,955	22,602,599	1,468,886	421,243	1,47,099,196	17,844,908

1 Include unclassified animals.

2 Include Indian Territory.

## LIVE STOCK ON FARMS AND ELSEWHERE.

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MULES, BY AGE GROUPS, AND OF ASSES AND BURROS, BY DIVISIONS AND STATES: 1910 AND 1900.

[See text with reference to date of enumeration and change in classification.]

	MATURE HORSES.				YEARLING HORSES.				HORSE COLTS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	17,430,418	15,505,966	\$1,958,554,817	\$822,317,707	1,731,982	1,446,225	\$101,883,668	\$48,298,639	612,775	1,314,829	\$20,635,831	\$25,866,871
2	343,826	365,045	43,322,612	25,800,181	9,978	13,307	688,532	742,021	951	7,344	46,932	238,091
3	1,160,154	1,190,372	135,380,823	90,970,287	38,271	69,671	4,235,865	3,927,904	11,261	50,400	494,615	1,610,841
4	3,915,965	3,523,912	400,941,612	210,406,428	371,741	317,918	24,416,182	13,561,186	280,624	3,932,091	3,932,091	6,756,771
5	5,896,776	4,744,015	705,092,548	259,332,434	665,741	484,621	40,095,232	16,736,828	227,438	443,272	7,559,473	9,237,094
6	1,006,489	953,599	115,636,163	56,098,624	76,474	60,944	4,755,035	2,482,599	38,224	56,527	967,927	1,324,033
7	1,009,765	1,039,516	109,635,147	57,005,865	92,662	70,371	6,338,491	3,216,928	42,142	76,153	2,047,661	2,296,238
8	2,637,602	1,895,268	170,709,873	67,673,946	191,821	170,715	8,638,033	3,299,602	92,672	172,741	2,886,634	2,191,659
9	1,166,007	992,209	102,922,196	27,114,567	165,945	176,145	6,734,082	2,634,805	52,153	156,222	1,307,304	1,397,588
10	873,753	799,031	95,003,843	32,355,375	99,353	82,633	5,312,216	1,746,506	44,189	71,546	1,392,594	944,606
11	103,505	99,510	14,076,531	6,778,904	3,705	3,955	270,476	201,548	364	2,834	17,749	78,237
12	45,073	52,621	5,192,538	3,726,007	1,081	1,543	70,269	90,816	75	702	3,582	23,847
13	77,043	79,190	8,381,854	5,072,032	3,513	3,852	200,625	181,727	225	2,486	8,878	65,838
14	63,161	71,937	8,576,453	5,619,159	948	2,298	86,054	160,121	174	799	9,490	47,177
15	9,434	11,120	1,411,234	962,429	93	179	10,833	13,779	20	91	2,110	11,400
16	45,610	50,667	5,684,002	3,701,650	638	1,480	50,275	94,030	93	429	5,123	17,952
17	562,310	578,378	78,092,682	45,156,014	25,083	30,033	1,851,349	1,771,023	3,615	20,027	159,271	650,894
18	86,032	89,144	11,725,055	7,188,643	2,207	3,054	201,762	240,380	683	1,826	85,695	153,251
19	511,812	525,850	65,623,086	38,225,630	30,981	36,584	2,182,754	1,916,510	6,963	28,547	249,649	800,696
20	814,507	755,549	93,373,221	45,725,947	73,520	67,332	4,787,578	3,037,402	22,197	55,324	749,839	1,395,896
21	714,091	644,469	81,433,050	36,908,303	71,863	54,820	4,714,861	2,365,668	27,660	52,426	970,557	1,308,117
22	1,264,202	1,125,875	132,396,336	62,604,632	138,447	115,377	9,210,361	4,575,418	50,238	107,967	1,756,703	2,115,050
23	569,396	517,135	68,278,456	33,450,482	41,474	38,406	2,775,456	1,711,541	7,823	31,018	258,562	746,534
24	862,220	479,884	57,060,549	31,657,164	46,437	41,983	2,927,926	1,871,517	5,967	33,889	187,030	788,154
25	675,509	599,566	84,779,112	39,252,715	63,069	51,399	3,840,249	2,031,657	14,606	45,504	449,511	970,772
26	1,289,973	1,134,457	105,638,084	69,370,179	159,679	133,589	10,873,651	5,359,392	42,574	124,527	1,487,389	2,991,678
27	932,269	845,646	103,564,793	38,747,179	108,615	63,214	6,820,643	2,070,506	37,503	58,177	1,591,127	1,277,129
28	564,313	299,192	78,762,790	21,054,668	61,671	32,131	3,875,395	1,127,100	24,615	28,625	825,554	546,743
29	571,800	380,985	68,788,279	18,015,647	69,966	52,659	3,759,940	1,399,292	33,723	47,124	667,466	700,748
30	870,111	656,460	96,141,203	33,061,792	106,804	75,082	5,547,013	2,316,583	37,699	66,776	1,088,946	1,284,884
31	992,801	828,709	105,328,287	39,830,326	106,937	78,447	5,980,341	2,492,938	47,218	72,339	1,449,480	1,465,610
32	20,632	36,229	3,285,872	1,641,088	2,311	1,903	183,793	84,427	1,122	1,590	32,126	42,110
33	137,278	130,114	15,886,673	8,666,416	12,318	9,938	728,072	455,304	5,842	8,942	178,322	231,074
34	363	814	54,970	55,297	29	24	1,475	1	1	16	56	590
35	288,859	258,974	32,552,971	14,104,537	29,972	20,291	1,891,389	780,000	11,593	19,257	413,600	441,858
36	189,557	169,278	17,419,881	9,610,189	16,973	12,963	1,047,942	591,504	3,461	11,947	116,258	264,857
37	135,949	147,419	17,485,638	8,430,054	6,834	5,927	459,852	253,883	3,368	5,807	122,544	131,075
38	70,791	72,530	9,971,900	4,615,338	2,134	3,188	146,949	161,387	742	2,701	28,269	69,778
39	114,665	118,854	13,880,577	6,802,754	3,918	4,525	253,141	189,539	1,484	4,028	60,121	99,935
40	43,015	38,387	4,798,221	2,172,731	2,014	2,185	90,297	75,232	611	2,239	17,181	42,156
41	387,795	400,283	41,190,070	22,057,785	38,089	24,927	2,737,998	1,428,700	17,150	26,457	868,052	1,062,627
42	300,327	305,426	35,961,004	18,024,501	32,098	23,109	2,467,838	993,396	16,084	23,853	871,202	663,620
43	126,264	136,073	13,110,383	7,403,511	7,347	7,846	425,172	299,118	3,025	8,724	112,722	203,492
44	195,469	197,733	19,333,688	10,020,608	14,528	14,489	757,453	495,714	5,283	17,089	192,680	367,069
45	228,479	222,596	21,878,918	9,493,685	17,382	14,179	939,768	381,735	8,855	16,815	333,523	289,075
46	164,604	168,786	11,296,815	6,184,115	11,210	12,076	368,084	274,190	5,472	13,510	124,796	166,312
47	643,418	59,223,145	15,122,452	64,996	47,635	3,295,586	1,980,188	34,111	46,987	1,110,190	1,636,372	
48	1,021,161	1,077,178	78,310,965	31,773,694	98,233	66,825	4,054,595	1,623,489	44,234	95,429	1,318,125	1,099,900
49	251,134	245,284	24,441,464	6,584,550	41,491	44,850	1,785,979	839,334	11,717	39,838	295,478	364,743
50	162,711	131,078	18,165,360	7,308,771	22,449	20,832	1,166,362	728,326	8,450	18,212	269,486	156,246
51	127,275	99,077	11,259,690	2,783,644	20,638	19,754	840,676	297,109	5,078	16,712	137,127	144,442
52	254,581	185,541	25,653,549	6,487,282	29,601	27,360	1,419,805	530,164	9,388	23,645	291,277	201,280
53	145,151	97,937	7,128,138	1,943,884	17,500	16,550	369,739	177,458	4,468	16,066	63,713	90,127
54	74,788	83,804	3,081,406	1,466,417	11,276	22,283	256,106	122,878	5,775	19,976	79,422	82,610
55	94,290	90,974	9,149,915	3,026,122	14,670	13,515	600,117	247,348	4,341	11,395	132,091	122,843
56	55,677	58,516	3,450,674	1,113,852	8,916	11,001	235,298	102,188	2,736	10,778	58,160	56,296
57	241,624	191,314	27,839,750	7,794,016	27,272	30,312	1,488,683	502,760	11,671	22,539	325,941	233,658
58	229,545	234,112	23,393,536	7,908,406	30,154	27,682	1,424,342	480,133	10,681	26,138	299,006	267,821
59	402,584	373,605	43,770,557	16,657,953	41,927	24,639	2,389,191	763,613	23,087	29,049	767,648	423,427

## ABSTRACT OF THE CENSUS—AGRICULTURE.

HORSES, MULES, AND ASSES AND BURROS ON FARMS—NUMBER AND VALUE OF HORSES AND MULES,

[See text with reference to date of enumeration and change in classification.]

Table 21—Continued.	DIVISION OR STATE.	ALL MULES.				MATURE MULES.			
		Number.		Value.		Number.		Value.	
		1910	1900	1910	1900	1910	1900	1910	1900
1	United States.....	4,209,789	3,264,615	\$525,381,863	\$166,222,053	3,787,318	2,783,458	\$497,982,330	\$178,264,738
GEOGRAPHIC DIVISIONS:									
2	New England.....	1,729	1,395	282,928	93,704	1,663	1,073	277,738	80,977
3	Middle Atlantic.....	52,416	46,260	7,696,910	3,490,899	50,723	40,749	7,558,858	3,195,748
4	East North Central.....	259,423	235,538	31,404,071	12,480,773	217,775	169,776	28,671,262	10,790,212
5	West North Central.....	715,932	515,117	90,544,355	30,056,974	564,315	379,102	79,913,033	24,504,007
6	South Atlantic.....	749,257	555,129	107,799,330	38,035,487	736,343	523,288	160,961,436	36,711,925
7	East South Central.....	1,003,804	850,651	125,108,538	54,530,552	924,878	723,226	119,631,758	49,644,973
8	West South Central.....	1,286,378	938,787	145,350,358	51,455,760	1,173,265	814,600	139,030,282	47,849,727
9	Mountain.....	48,957	26,829	5,227,444	1,001,561	39,700	19,075	4,712,502	817,144
10	Pacific.....	91,873	94,909	11,978,529	5,067,343	79,654	80,537	11,225,517	4,640,025
NEW ENGLAND:									
11	Maine.....	358	353	72,446	19,530	342	240	71,451	15,885
12	New Hampshire.....	195	97	29,681	6,072	185	72	28,836	5,210
13	Vermont.....	429	331	33,540	21,847	405	280	51,615	19,902
14	Massachusetts.....	268	298	43,385	20,685	259	214	42,903	16,945
15	Rhode Island.....	63	38	11,155	2,835	63	36	11,155	2,770
16	Connecticut.....	416	278	72,721	25,735	409	231	71,796	20,265
MIDDLE ATLANTIC:									
17	New York.....	4,032	3,313	650,497	229,172	3,840	2,939	633,272	213,830
18	New Jersey.....	4,041	4,888	621,774	354,037	3,960	4,499	616,389	330,370
19	Pennsylvania.....	14,323	38,059	6,424,093	2,907,090	4,223	33,311	6,309,197	2,651,528
EAST NORTH CENTRAL:									
20	Ohio.....	22,850	16,771	2,775,831	941,211	20,904	13,986	2,656,354	834,442
21	Indiana.....	82,168	66,717	9,678,014	3,717,083	69,493	52,232	8,849,572	3,176,375
22	Illinois.....	147,833	124,644	18,140,335	7,420,511	121,450	97,646	16,396,322	6,433,775
23	Michigan.....	3,700	2,910	463,285	158,475	3,329	2,379	469,927	141,619
24	Wisconsin.....	2,872	4,490	316,066	243,493	2,599	3,533	299,091	204,091
WEST NORTH CENTRAL:									
25	Minnesota.....	5,775	8,339	732,723	486,580	5,213	6,804	697,451	422,878
26	Iowa.....	55,524	55,747	7,351,818	3,586,761	46,485	42,432	6,877,871	3,045,575
27	Missouri.....	342,700	283,519	43,438,702	15,482,282	265,601	194,984	37,083,467	12,401,901
28	North Dakota.....	7,695	6,890	1,149,001	476,366	7,164	5,962	1,112,091	439,514
29	South Dakota.....	12,424	6,804	1,968,617	345,609	10,495	5,143	1,537,901	290,856
30	Nebraska.....	83,405	55,124	10,374,079	3,171,400	67,185	42,202	9,353,668	2,606,229
31	Kansas.....	208,409	118,704	25,629,418	6,307,916	162,172	81,565	22,649,984	5,238,064
SOUTH ATLANTIC:									
32	Delaware.....	5,935	4,745	794,133	345,401	5,676	4,349	748,336	322,621
33	Maryland.....	22,667	17,511	3,063,581	1,394,522	21,408	15,970	2,967,983	1,312,922
34	District of Columbia.....	53	81	5,800	6,030	53	81	5,800	6,030
35	Virginia.....	60,002	47,474	7,595,516	2,941,705	56,016	40,399	7,337,186	2,665,146
36	West Virginia.....	11,717	11,354	1,320,769	725,134	10,800	9,791	1,278,071	639,692
37	North Carolina.....	174,711	135,610	22,699,687	8,677,298	171,135	126,934	23,472,902	8,338,970
38	South Carolina.....	155,471	117,369	21,830,361	8,415,523	154,806	113,768	23,787,489	8,209,379
39	Georgia.....	298,348	207,321	43,974,611	14,454,822	293,231	200,311	43,831,302	14,148,187
40	Florida.....	26,333	13,664	3,546,821	1,074,972	23,128	13,185	3,533,316	1,049,558
EAST SOUTH CENTRAL:									
41	Kentucky.....	227,043	190,665	26,402,090	11,105,553	195,675	149,010	24,372,211	9,571,244
42	Tennessee.....	275,855	253,657	35,100,810	16,200,550	240,282	200,302	32,488,724	14,191,731
43	Alabama.....	247,146	192,070	31,577,217	13,104,642	242,285	179,522	31,285,918	12,579,746
44	Mississippi.....	255,760	214,259	32,628,421	14,128,807	246,636	194,392	31,483,905	13,302,252
WEST SOUTH CENTRAL:									
45	Arkansas.....	222,200	175,001	27,128,027	9,989,704	206,452	155,399	26,198,831	9,346,438
46	Louisiana.....	131,554	143,970	15,624,962	10,636,982	128,667	135,420	15,485,703	10,290,267
47	Oklahoma.....	257,066	112,535	28,618,224	15,707,455	219,690	100,164	26,428,433	11,020,030
48	Texas.....	676,568	507,281	73,979,145	25,121,610	617,156	433,657	70,917,315	23,186,986
MOUNTAIN:									
49	Montana.....	4,174	2,729	445,278	102,741	3,021	1,749	380,307	77,914
50	Idaho.....	4,036	1,793	481,301	70,542	2,993	1,309	481,147	57,079
51	Wyoming.....	2,045	1,227	248,572	51,609	1,675	779	226,432	38,428
52	Colorado.....	14,729	6,784	1,798,535	325,547	11,602	5,017	1,605,500	269,944
53	New Mexico.....	14,937	5,311	1,463,012	183,132	13,175	4,118	1,370,570	159,785
54	Arizona.....	3,963	4,077	309,449	123,539	3,507	3,080	379,905	102,882
55	Utah.....	2,277	2,116	157,497	58,800	1,564	1,278	125,278	42,796
56	Nevada.....	2,786	2,792	233,800	85,601	2,163	1,745	207,363	67,716
PACIFIC:									
57	Washington.....	12,185	2,600	1,776,297	138,185	9,949	1,927	1,628,923	114,524
58	Oregon.....	9,927	7,446	1,185,788	318,249	7,708	5,341	1,044,573	287,354
59	California.....	69,761	84,772	9,016,444	4,610,909	61,997	73,269	8,532,021	4,258,147

1 Includes Indian Territory.

## LIVE STOCK ON FARMS AND ELSEWHERE.

325

BY AGE GROUPS, AND OF ASSES AND BURROS, BY DIVISIONS AND STATES: 1910 AND 1900—Continued.

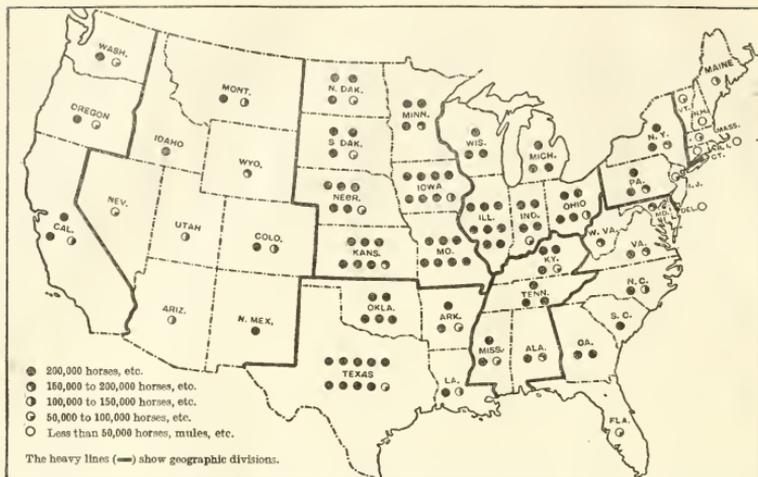
[See text with reference to date of enumeration and change in classification.]

	YEARLING MULES.				MULE COLTS.				ALL ASSES AND BURROS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	313,198	279,901	\$22,874,502	\$11,705,416	109,257	231,628	\$4,535,031	\$6,201,899	105,688	94,165	\$13,200,112	\$5,511,184
2	53	103	4,625	5,585	13	219	565	7,142	147	180	12,823	5,948
3	1,529	4,108	130,657	240,209	164	1,403	6,795	54,882	685	957	86,974	33,123
4	30,725	22,437	2,807,669	997,986	10,923	23,252	425,196	692,575	5,426	4,210	908,088	369,970
5	114,108	80,985	9,037,902	3,412,773	37,509	74,970	1,930,420	2,110,194	22,254	15,580	4,908,155	1,851,320
6	10,182	20,552	732,886	1,045,582	7,509	9,289	305,068	277,980	3,373	2,301	474,208	216,228
7	36,699	69,738	4,307,006	3,214,847	20,227	57,667	969,744	1,679,732	15,731	17,703	2,347,454	1,514,347
8	82,078	70,023	5,098,036	2,433,377	32,033	34,164	1,222,020	1,167,656	29,760	22,354	3,141,343	1,354,728
9	7,454	3,750	453,560	109,017	1,803	4,051	61,382	75,400	35,600	28,688	659,900	229,919
10	8,268	7,805	692,111	290,980	3,851	6,567	150,901	136,558	3,313	2,692	580,497	205,601
11	11	21	745	970	5	92	270	2,675	22	48	3,728	769
12	7	13	725	630	3	12	120	232	20	27	1,593	1,565
13	22	15	1,865	630	1	38	60	1,315	22	25	2,038	915
14	5	27	365	1,640	4	57	115	2,260	21	51	1,777	1,709
15		2		65					11	5	630	210
16	7	27	925	1,610		20		660	41	24	3,067	789
17	191	182	16,345	9,160	21	192	880	6,162	284	338	38,202	8,109
18	61	222	4,600	20,823	20	67	723	2,844	53	43	5,274	2,455
19	1,277	3,604	109,632	210,286	123	1,144	5,190	45,876	348	576	43,438	22,650
20	1,601	1,221	107,501	69,244	345	1,464	11,976	46,523	488	250	61,560	18,981
21	9,388	7,320	694,621	324,333	3,287	7,165	133,821	216,355	1,646	1,008	291,217	116,144
22	19,181	13,194	1,467,711	585,666	7,202	13,804	276,302	401,070	2,863	2,529	568,194	223,147
23	309	188	21,641	7,856	62	349	2,257	9,000	293	95	23,032	3,193
24	246	414	16,185	19,877	27	543	840	19,625	186	428	13,795	8,505
25	444	813	31,077	39,020	118	722	4,195	24,682	219	161	22,857	11,475
26	7,557	6,807	612,601	333,830	1,482	6,488	61,346	297,356	1,614	1,832	260,212	150,768
27	57,750	47,111	4,836,669	1,939,879	19,349	41,424	918,366	1,140,502	12,877	8,777	8,053,873	1,111,893
28	421	510	31,780	25,237	110	408	4,530	11,015	133	96	22,915	13,231
29	1,563	743	116,940	30,180	366	918	13,776	24,573	333	195	71,628	19,621
30	12,467	6,671	885,950	293,356	3,733	6,201	134,458	182,875	2,118	732	447,635	116,756
31	33,966	18,330	2,522,685	751,271	12,331	18,809	456,749	518,501	4,960	3,787	1,039,633	428,176
32	173	289	12,730	17,930	86	107	3,057	5,450	18	15	3,975	845
33	869	1,136	63,908	66,408	300	405	11,690	15,192	101	69	35,450	6,910
34												
35	3,170	4,196	224,565	192,701	836	2,879	33,765	83,918	783	412	121,654	52,231
36	777	852	56,018	41,149	140	711	5,671	24,293	160	116	25,556	15,234
37	2,734	5,000	196,591	256,401	842	3,076	29,893	81,927	1,017	826	132,554	60,460
38	528	3,051	37,602	187,207	137	5,270	18,037	40,007	401	247	62,911	22,353
39	1,754	5,021	128,492	261,684	363	1,489	14,817	44,951	765	519	81,403	45,830
40	177	377	12,660	22,102	28	102	845	3,312	128	98	10,705	3,445
41	21,240	20,945	1,640,308	935,563	8,128	20,710	380,571	600,746	4,677	5,209	848,276	459,210
42	26,456	28,674	2,150,423	1,284,211	9,867	24,051	460,663	724,008	7,989	8,822	1,075,606	703,702
43	3,743	7,853	248,218	390,664	1,118	4,695	43,081	134,232	1,272	1,819	143,747	111,893
44	7,230	12,286	468,087	606,409	1,894	7,581	76,429	220,146	1,793	1,773	280,365	216,609
45	11,203	10,908	741,838	433,326	4,545	8,734	187,358	309,940	3,098	2,479	469,738	222,185
46	2,261	6,225	120,251	293,765	626	19,068	52,950	163,551	531	683	70,226	51,685
47	25,795	11,810	1,746,555	1,420,637	11,281	10,561	443,236	254,782	5,723	1,283	881,305	1,242,111
48	42,819	41,680	2,489,412	1,284,649	15,283	32,544	572,418	690,984	20,408	16,469	1,720,674	868,747
49	1,023	404	61,206	12,021	130	576	3,705	12,806	160	128	55,181	16,008
50	806	209	56,849	6,610	257	273	10,305	6,233	347	362	99,992	10,733
51	325	239	20,600	9,451	45	209	1,540	3,730	241	414	27,660	10,037
52	2,408	874	165,238	33,300	729	893	27,797	22,303	3,233	5,513	136,732	52,010
53	1,458	552	77,447	15,307	304	561	8,995	8,040	11,852	15,902	163,032	64,928
54	338	552	17,167	13,384	118	445	2,377	7,273	7,104	4,625	73,092	32,162
55	575	380	28,364	9,775	138	458	3,853	6,279	1,100	888	68,246	15,555
56	521	440	23,689	9,169	102	607	2,748	8,716	912	256	35,995	28,886
57	1,673	322	125,587	12,992	563	441	21,787	10,669	173	160	52,405	16,484
58	1,782	1,014	124,857	30,013	457	1,091	16,358	30,882	548	306	150,777	42,423
59	4,913	6,469	351,667	247,975	2,831	5,085	112,795	104,787	2,592	2,227	347,315	146,607

## ABSTRACT OF THE CENSUS—AGRICULTURE.

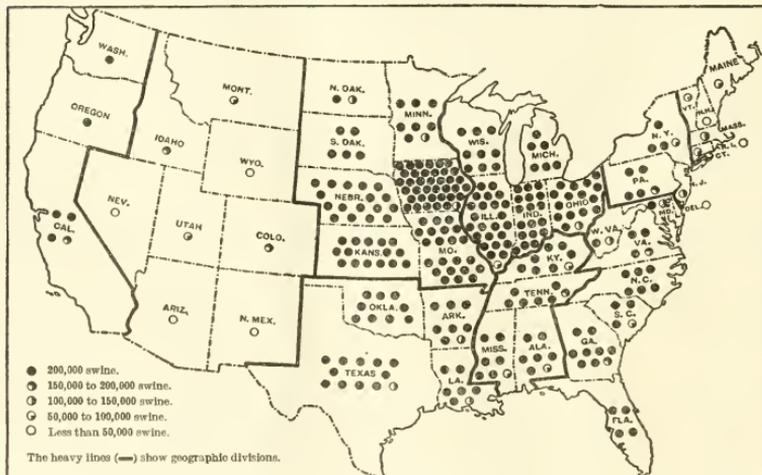
## ALL HORSES, MULES, AND ASSES AND BURROS ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



## ALL SWINE ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



## SWINE ON FARMS.

United States as a whole.—The following table shows, for 1910 and 1900, the principal facts with regard to swine on farms for the United States:

	All swine.	Hogs and pigs born before Jan. 1, 1910.	Pigs born after Jan. 1.
1910—Number (April 15).....	58,185,676	35,134,997	23,051,579
Value.....	\$399,338,308	\$352,157,968	\$47,180,350
Average value.....	\$6.86	\$10.02	\$2.05
Farms reporting.....	4,331,731	4,052,301	1,868,572
Per cent of all farms.....	68.4	64.3	27.4
1900—Number (June 1).....	62,868,041	( )	( )
Value.....	\$231,978,031	( )	( )
Average value.....	\$3.69	( )	( )
Farms reporting.....	4,335,363	( )	( )
Per cent of all farms.....	75.6	( )	( )

<sup>1</sup> No age classification in 1900.

The number of swine reported for June 1, 1910, was 62,868,000 and the number reported for April 15, 1910, 58,186,000, an apparent decrease of 4,682,000, or 7.4 per cent. The change in the date of enumeration, however, has a very serious effect on the comparability of the statistics for 1900 and 1910, since the number of swine born between April 15 and June 1 undoubtedly greatly exceeds the number slaughtered during that period. It is probable that if the enumeration of 1910 had been made as of June 1 the number of swine would have been greater than in 1900, but it is impossible to make any close estimate. Notwithstanding the decrease in the number of swine at the census of 1910, as compared with that of 1900, the aggregate value of swine on farms increased from \$231,978,000 in 1900 to \$399,338,000 in 1910.

Divisions and states.—Table 25 (page 328) shows, for each geographic division and state, the number and value of swine on farms at the last two censuses. The following statement shows, by geographic divisions and sections, the distribution of swine and the increase or decrease during the decade:

DIVISION OR SECTION.	INCREASE IN NUMBERS 1900 TO 1910 <sup>1</sup>		PER CENT OF TOTAL NUMBER IN UNITED STATES.				AVERAGE NUMBER PER 1,000 ACRES OF LAND IN FARMS.			
	Amount.	Per cent.	All swine.		Hogs and pigs born before Jan. 1, 1910.		All swine.		Hogs and pigs born before Jan. 1, 1910.	
			1910	1900	1910	1900	1910	1900		
United States.....	-4,682,365	-7.4	100.0	100.0	100.0	100.0	66	75	40	29
New England.....	34,443	9.5	0.7	0.6	0.7	0.7	29	18	12	6.33
Middle Atlantic.....	-169,186	-8.6	3.1	3.1	3.1	3.1	41	44	26	3.68
East North Central.....	-1,586,192	-9.9	24.9	25.5	21.7	29.6	123	138	65	6.24
West North Central.....	-3,145,529	-19.9	56.6	38.3	36.0	37.5	91	122	54	5.27
South Atlantic.....	401,158	7.2	10.2	8.8	11.0	9.1	52	57	37	3.70
East South Central.....	-1,296,742	-18.2	9.3	10.6	10.4	7.7	67	82	45	4.55
West South Central.....	619,465	9.7	12.1	10.2	13.8	9.5	42	30	9	2.92
Mountain.....	241,231	60.4	1.1	0.6	1.2	1.0	11	9	7	1.18
Pacific.....	128,986	12.2	2.0	1.7	2.1	1.9	23	22	15	1.95
The North.....	-4,866,464	-11.4	65.2	68.1	61.5	70.9	92	112	62	6.22
The South.....	-186,118	-1.0	31.7	29.6	35.2	28.2	52	51	35	3.55
The West.....	370,217	28.3	3.1	2.8	3.3	2.9	17	16	10	1.60
East of the Mississippi.....	-2,526,516	-8.3	48.2	48.6	46.9	50.1	77	93	45	5.45
West of the Mississippi.....	-2,155,846	-6.7	51.8	51.4	53.1	49.9	59	69	36	3.78

<sup>1</sup> A minus sign (-) denotes decrease.

should be noted that the number reported for that date presumably corresponds more closely to the average number on hand during the entire year in the case of some sections of the country than in the case of others, since, on account of differences in climate and in the prevailing practice as to hog raising, the proportion which the number of pigs born before April 15 represents of the entire number born during the year varies materially in different sections. Moreover, the distribution of the number of swine living on a given date does not indicate very closely the importance of the several sections of the country in the hog raising industry, for the reason that in some sections the hogs are slaughtered at an earlier average age than in other sections. In 1910 the West North Central division reported considerably more than one-third (36 per cent) of the total number of "mature" swine (that is, those born before Jan. 1, 1910) in the United States, and the East North Central division somewhat over one-fifth (21.7 per cent). Most of the remainder were in the three southern divisions. For reasons already indicated the distribution of young pigs differs somewhat from that of other swine.

In considering the increase or decrease in the number of swine of all ages it should be borne in mind that the change in the date of enumeration probably affects the comparability of the statistics for the two censuses in a more marked degree in some divisions than in others. Fewer swine were reported on April 15, 1910, than on June 1, 1900, in the Middle Atlantic, East North Central, and West North Central divisions, and also in one southern division, the East South Central, but there was an increase in the other five divisions.

The following table shows average values per head:

DIVISION	AVERAGE VALUE PER HEAD.			
	All swine.		Hogs and pigs born before Jan. 1, 1910.	Pigs born after Jan. 1, 1910.
	1910	1900		
United States.....	\$6.86	\$3.69	\$10.02	\$2.05
New England.....	10.09	6.79	13.92	4.33
Middle Atlantic.....	8.18	5.28	11.17	3.68
East North Central.....	7.10	3.83	11.64	2.04
West North Central.....	8.62	4.35	13.15	1.95
South Atlantic.....	3.83	2.90	4.94	1.76
East South Central.....	4.20	2.39	6.08	1.84
West South Central.....	4.65	2.06	5.85	1.98
Mountain.....	7.88	4.64	10.88	2.89
Pacific.....	7.02	4.11	9.33	2.75

For the United States as a whole the average value of all swine in 1910 was \$6.86, as compared with \$3.69 in 1900. Had the enumeration of 1910 been made as of June 1, however, the average value per head would have been considerably less than that based upon the values reported for April 15. The average value per head of swine born before January 1, 1910, which furnishes a better basis for comparison among divisions than that of all swine, was much lower in the three southern divisions than in the divisions of the North and West.

In considering the geographic distribution of the total number of swine reported for April 15, 1910, it

## SWINE ON FARMS—NUMBER AND VALUE, BY DIVISIONS AND STATES: 1910 AND 1900.

[See text with reference to date of enumeration.]

Table 25 DIVISION OR STATE.	ALL SWINE.				HOGS AND PIGS BORN BEFORE JAN. 1, 1910.		PIGS BORN AFTER JAN. 1, 1910.	
	Number.		Value.		Number.	Value.	Number.	Value.
	1910	1900	1910	1900				
<b>United States</b> .....	<b>55,185,676</b>	<b>62,888,041</b>	<b>\$399,338,368</b>	<b>\$231,975,031</b>	<b>35,134,097</b>	<b>\$352,157,958</b>	<b>23,051,679</b>	<b>\$47,180,350</b>
<b>GEOGRAPHIC DIVISIONS:</b>								
New England.....	396,642	362,106	4,602,424	2,460,845	238,351	3,317,046	158,291	685,378
Middle Atlantic.....	1,950,821	1,950,070	14,656,806	10,550,806	1,076,591	12,030,104	714,230	2,626,702
East North Central.....	14,461,659	16,047,251	102,738,278	61,404,163	7,034,179	88,825,333	6,826,880	13,912,945
West North Central.....	21,281,509	24,427,038	183,466,287	106,372,079	12,642,984	166,637,349	6,638,525	16,815,938
South Atlantic.....	5,963,920	5,562,762	22,834,358	12,738,747	3,877,400	19,167,812	2,086,520	3,666,546
East South Central.....	5,438,606	6,645,348	25,551,000	15,865,699	3,664,999	22,256,615	1,773,867	3,264,385
West South Central.....	7,021,945	6,402,479	32,631,977	16,367,505	4,842,112	28,312,087	2,179,833	4,319,890
Mountain.....	640,911	399,680	5,114,499	1,853,665	408,009	4,441,808	232,842	672,601
Pacific.....	1,190,263	1,061,277	8,352,679	4,364,522	749,472	7,139,804	440,791	1,212,875
<b>NEW ENGLAND:</b>								
Maine.....	87,196	79,018	948,094	510,015	54,326	804,965	32,830	142,129
New Hampshire.....	45,287	51,211	504,174	357,573	28,506	431,978	16,732	77,201
Vermont.....	94,821	95,990	974,779	620,169	54,337	796,831	40,284	175,546
Massachusetts.....	103,018	78,925	975,859	549,617	62,368	809,451	40,650	169,558
Rhode Island.....	14,008	11,508	123,647	90,614	9,157	98,462	5,881	25,155
Connecticut.....	52,372	46,447	472,741	326,537	30,458	373,354	21,914	99,387
<b>MIDDLE ATLANTIC:</b>								
New York.....	666,179	676,639	9,935,272	3,794,332	264,375	4,698,066	301,804	1,207,206
New Jersey.....	147,005	175,387	1,127,040	926,179	88,699	935,728	60,906	101,312
Pennsylvania.....	977,637	1,107,981	7,824,494	5,830,285	625,517	6,596,310	352,120	1,228,184
<b>EAST NORTH CENTRAL:</b>								
Ohio.....	3,105,627	3,183,563	19,412,730	11,813,168	1,674,009	16,180,493	1,831,818	3,232,237
Indiana.....	3,613,906	3,763,389	23,739,586	13,804,893	1,909,238	20,433,328	1,707,648	3,906,258
Illinois.....	4,688,392	5,915,408	36,210,179	23,616,781	2,603,002	32,416,905	2,083,300	3,793,734
Michigan.....	3,435,833	1,165,200	9,755,042	4,588,898	685,921	8,284,483	589,912	1,470,559
Wisconsin.....	1,809,331	2,014,631	13,620,741	7,580,423	894,929	11,510,224	914,402	2,110,517
<b>WEST NORTH CENTRAL:</b>								
Minnesota.....	1,520,257	1,440,806	13,929,127	5,865,590	833,970	12,277,431	686,287	1,651,606
Iowa.....	7,545,853	9,723,791	69,693,218	48,764,176	4,299,499	63,676,554	3,246,554	5,716,664
Missouri.....	4,438,104	4,924,664	31,937,573	16,533,635	2,800,281	28,578,592	1,637,613	3,359,621
North Dakota.....	331,603	191,798	3,152,990	830,470	199,707	2,797,423	131,896	355,456
South Dakota.....	1,009,721	823,120	10,387,093	3,540,072	685,181	9,598,636	351,540	788,437
Nebraska.....	3,485,724	4,128,000	29,649,482	18,660,932	1,970,950	27,157,456	1,464,829	2,492,028
Kansas.....	3,000,157	3,594,859	24,706,885	17,076,904	1,889,451	22,251,277	1,116,706	2,455,608
<b>SOUTH ATLANTIC:</b>								
Delaware.....	49,260	46,732	337,910	234,472	34,101	288,364	15,159	49,546
Maryland.....	301,583	317,902	1,765,857	1,828,143	196,415	1,476,180	106,168	289,677
District of Columbia.....	665	802	9,382	4,097	435	7,831	230	1,551
Virginia.....	797,635	946,443	4,165,080	2,572,524	626,328	3,507,001	271,807	658,679
West Virginia.....	328,188	442,844	2,087,392	1,389,808	211,463	1,779,050	116,725	308,342
North Carolina.....	1,227,625	1,300,649	4,638,046	2,516,410	802,279	3,861,361	425,346	776,685
South Carolina.....	665,211	618,995	2,552,344	1,411,516	421,973	2,158,347	243,238	399,997
Georgia.....	1,783,684	1,424,298	5,429,016	2,577,950	1,141,385	4,547,835	642,299	881,151
Florida.....	810,069	464,277	1,848,731	702,827	543,021	1,541,843	267,048	306,888
<b>EAST SOUTH CENTRAL:</b>								
Kentucky.....	1,491,816	1,954,537	8,951,692	5,176,183	1,038,488	7,934,000	453,328	1,017,892
Tennessee.....	1,387,938	1,976,964	7,329,622	4,838,713	1,031,137	6,593,762	356,601	735,800
Alabama.....	1,260,733	1,423,329	4,356,520	2,887,230	815,445	3,678,508	451,287	678,012
Mississippi.....	1,292,119	1,290,498	4,913,166	2,908,573	779,868	4,080,345	612,251	882,821
<b>WEST SOUTH CENTRAL:</b>								
Arkansas.....	1,518,947	1,713,307	5,170,924	2,981,309	1,150,767	4,607,657	368,180	563,867
Louisiana.....	1,327,665	788,425	3,824,046	1,494,284	838,321	3,183,728	489,284	640,318
Oklahoma.....	1,839,090	1,233,133	11,997,641	4,286,225	1,211,876	10,440,178	627,154	1,567,463
Texas.....	2,336,363	2,665,614	11,639,895	7,905,687	1,641,148	10,081,124	695,215	1,858,242
<b>MOUNTAIN:</b>								
Montana.....	99,261	49,496	858,829	281,402	56,342	720,365	42,919	138,464
Idaho.....	178,346	114,080	1,398,727	480,338	118,907	1,246,634	89,439	152,683
Wyoming.....	35,947	15,471	301,716	78,145	23,301	271,894	10,646	30,022
Colorado.....	179,294	101,198	1,568,158	682,722	130,922	1,360,907	68,372	207,251
New Mexico.....	45,469	20,438	315,644	111,644	31,784	249,997	18,632	34,038
Arizona.....	67,208	15,103	115,714	30,587	10,452	91,479	6,786	22,235
Utah.....	67,208	65,792	445,633	203,115	42,107	382,284	6,786	63,309
Nevada.....	23,160	15,174	151,851	75,712	14,284	126,632	8,876	26,219
<b>PACIFIC:</b>								
Washington.....	296,135	151,535	1,674,927	830,704	127,356	1,431,286	78,779	243,641
Oregon.....	217,577	251,408	1,570,940	1,057,057	139,306	1,361,694	78,971	309,255
California.....	766,551	598,336	5,106,803	2,476,751	482,810	4,346,824	283,741	769,979

1 Includes Indian Territory.

Table 26 shows the number of swine reported at each of the last four censuses. The figures for 1910, as already stated, are not closely comparable with the others. The increase in the number of swine since 1880 has fallen far short of keeping pace with the growth of population. It is probable, however, that, on account of the improvement in methods of raising and marketing swine, the increase in the actual annual production for market (both in number and in weight) has been more rapid than the increase in the number of hogs and pigs living on any given date, as shown in this table.

Table 26

DIVISION.	SWINE.			
	1910	1900	1890	1880
United States.....	58,188,676	62,868,941	157,436,859	49,772,479
New England.....	326,642	362,199	407,590	362,323
Middle Atlantic.....	1,790,821	1,900,007	2,345,739	2,158,944
East North Central.....	14,461,659	16,041,251	14,995,448	15,590,908
West North Central.....	21,281,209	24,437,038	22,629,184	14,527,709
South Atlantic.....	5,963,920	5,563,762	5,082,321	1,879,113
East South Central.....	5,438,696	6,648,248	6,544,683	6,790,010
West South Central.....	7,621,945	6,402,479	4,335,903	1,842,141
Mountain.....	640,911	399,680	1,175,429	1,015,015
Pacific.....	1,190,253	1,061,277	1,892,542	1,095,688

<sup>1</sup> Includes estimated number of swine on public ranges.

## SHEEP AND GOATS ON FARMS.

United States as a whole.—The effect of the change in the date of enumeration and method of classification in rendering the statistics of the last two censuses incomparable is probably somewhat greater in the case of sheep than in the case of cattle. No

age classification was made at either census for goats.

The following statement shows the designations applied to the several classes of sheep at each of the last two censuses and the number reported in each class, and also the totals for goats:

Table 27 1910 (APRIL 15).			1900 (JUNE 1).			NOMINAL INCREASE, <sup>1</sup>	
Class as defined on schedule.	Corresponding age limits.	Number.	Class as defined on schedule.	Corresponding limits of date of birth.	Number.	Number.	Per cent.
<b>All sheep and goats.....</b>		<b>55,362,986</b>	<b>All sheep and goats.....</b>		<b>63,374,312</b>	<b>-8,011,326</b>	<b>-12.6</b>
Sheep and lambs.....		52,447,861	Sheep and lambs.....		61,503,713	-9,085,852	-14.7
Ewes born before Jan. 1, 1910.....	Over 34 months.....	31,935,797	Sheep (ewes) 1 year old and over.	Before June 1, 1899.....	31,837,632	76,145	0.2
Rams and wethers born before Jan. 1, 1910.....	Over 34 months.....	7,716,249	Sheep (rams and wethers) 1 year old and over.	Before June 1, 1899.....	7,995,315	-285,066	-3.6
Lambs born after Jan. 1, 1910.....	Under 34 months.....	12,803,815	Lambs under 1 year.....	After June 1, 1899.....	21,550,746	-8,846,931	-40.9
Goats and kids (all ages).....		2,915,125	Goats (all ages).....		1,870,599	1,044,526	55.8

<sup>1</sup> A minus sign (-) denotes decrease.

The total number of sheep reported as on farms and ranges on April 15, 1910, was 52,448,000, as compared with 61,504,000 on June 1, 1900, a decrease of 9,056,000, or 14.7 per cent. This decrease, however, is due partly to the change in the date of enumeration. Many lambs are born during the interval between April 15 and June 1. Furthermore, on many ranches in the West the lambs are not definitely counted so early in the year as April 15, and it seems likely that in some such cases ranchmen failed to make any estimate of the lambs.

In view of the fact that, even after making necessary allowances, as discussed below, the number of ewes 1 year of age or over on June 1, 1910, was probably less than 1,000,000 short of the number on the same date in 1900, it seems likely that, if the enumeration of 1910 had been made as of June 1, there would have been nearly as many lambs less than 1 year old as were reported 10 years before, probably in the neighborhood of 21,000,000, as compared with 21,651,000 in 1900. Of these, however, a comparatively small number would have consisted of animals born between June 1, 1909, and January 1, 1910, which are already included, under the classification of 1910, in the returns of ewes and rams and wethers. After deducting these there would probably have remained on June 1, 1910, about 19,000,000 or 20,000,000 spring lambs, or 6,000,000 or 7,000,000 more than the number reported on April 15, which was 12,804,000. The number of

older sheep, however, would, on account of slaughter and deaths from other causes, have been less on June 1 than on April 15—perhaps by between 1,000,000 and 2,000,000. In view of all these considerations, it would seem that, if the enumeration of 1910 had been made as of June 1, there would have been between 56,000,000 and 58,000,000 sheep and lambs, as compared with 61,504,000 on June 1, 1900.

The number of ewes was reported in 1910 as 31,934,000 and in 1900 as 31,858,000, there being thus nominally a slight increase. In order to make the figures comparable, however, it would be necessary to deduct from the number of ewes reported on April 15, 1910, the comparatively small number born between June 1, 1909, and January 1, 1910, which would have been classed as lambs at the census of 1900, and also to deduct the comparatively small number of ewes slaughtered or otherwise eliminated during the six weeks from April 15 to June 1. The whole number to be deducted would probably be less than one million. In the case of rams and wethers, the number to be deducted from the returns of 1910, on account of slaughter between April 15 and June 1, would be relatively greater than in the case of ewes, so that had the date of enumeration and the method of classification been the same at the two censuses a considerably greater decrease would have appeared than is shown in the table.

Despite the change in the date of enumeration, the number of goats and kids increased from 1,871,000 in 1900 to 2,915,000 in 1910.

The following statement shows the value of sheep and goats and the number of farms reporting them:

Table 28

	SHEEP. <sup>1</sup>				All goats and kids.
	All sheep and lambs.	Ewes.	Rams and wethers.	Lambs.	
1910—Number.....	52,447,861	31,933,797	7,710,249	12,803,815	2,915,125
Value.....	\$22,841,585	\$16,853,314	\$38,630,329	\$23,441	\$6,176,423
Average value.....	34.46	52.16	50.01	12.29	21.22
Farms reporting.....	619,894	590,878	297,138	470,626	82,755
Percent of all farms.....	9.6	9.3	4.7	7.4	1.3
1900—Number.....	61,503,713	31,857,652	7,995,315	12,650,736	1,870,599
Value.....	\$170,203,119	\$101,288,730	\$108,061,942	\$216,328	\$3,265,349
Average value.....	\$2.77	\$3.19	\$3.36	\$1.94	\$1.75

<sup>1</sup> For definition of the subclasses at the two censuses, see preceding table.

Table 29

DIVISION OR SECTION.	INCREASE IN NUMBER: 1900 TO 1910 <sup>1</sup>						PER CENT OF TOTAL NUMBER IN UNITED STATES.						AVERAGE NUMBER PER 1,000 ACRES OF LAND IN FARMS.									
	All sheep.		Sheep (excluding lambs).		All goats.		All sheep and goats.		All sheep.		All goats.		All sheep and goats.		All sheep.		All goats.					
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900				
United States.....	-9,055,882	-14.7	-2,028,821	-0.5	1,044,526	55.8	100.9	100.0	100.0	100.0	100.0	100.0	100.0	63	76	60	73	45	15	3	2	
New England.....	-491,886	-53.3	-236,774	-6.0	1,016	46.6	0.8	1.5	0.8	1.5	6.8	1.0	0.1	22	45	22	45	16	6	(7)	(7)	
Middle Atlantic.....	-1,480,684	-44.3	-709,907	-30.0	3,370	80.2	3.2	5.3	3.5	5.4	2.2	4.6	0.3	43	74	45	74	29	14	(5)	(5)	
East North Central.....	-1,674,039	-14.9	-963,330	-5.3	9,133	37.3	17.3	17.7	18.2	18.2	16.5	23.5	1.2	81	97	81	96	55	25	(7)	(7)	
West North Central.....	100,726	2.0	369,218	11.7	18,715	19.8	9.4	8.0	9.7	8.1	8.9	12.0	3.9	5.1	22	25	22	25	15	7	(5)	(5)
South Atlantic.....	-183,362	-6.9	-153,307	-2.9	9,812	2.8	4.9	4.6	4.8	4.4	3.9	7.5	7.2	11.0	28	24	26	15	7	(2)	(2)	
East South Central.....	73,182	3.0	24,103	1.6	-12,065	-5.7	4.9	4.2	4.8	3.9	3.8	7.7	6.8	11.30	33	32	31	30	19	12	2	3
West South Central.....	-290,777	-10.5	-176,673	-6.6	544,450	74.4	6.3	5.0	4.2	4.0	4.2	4.1	4.8	39.21	21	18	13	14	10	3	8	4
Mountain.....	-4,126,861	-13.0	-1,929,400	-8.9	362,752	96.8	42.5	43.1	43.4	43.5	49.2	25.3	23.3	29.0	305	339	338	351	328	165	12	8
Pacific.....	-941,350	-14.4	-415,545	-11.0	110,887	50.0	10.7	10.7	10.7	10.6	9.5	14.2	11.4	11.8	143	149	138	74	33	7	5	
The North.....	-3,545,684	-17.4	-962,790	-7.6	32,630	25.8	30.8	32.4	32.2	33.2	29.3	41.0	5.5	6.8	41	54	41	53	28	13	(7)	(7)
The South.....	-372,937	-4.9	-306,071	-6.1	538,257	46.9	16.1	13.8	13.7	12.3	11.9	19.3	37.8	61.4	25	24	20	21	13	7	5	3
The West.....	-5,137,211	-15.3	-1,659,949	-4.8	473,639	73.4	53.2	53.8	54.1	54.5	58.7	39.6	36.7	31.9	266	304	256	357	210	46	10	6
East of Mississippi.....	-3,758,590	-18.3	-1,461,415	-11.6	7,722	1.7	31.2	33.2	32.1	33.5	28.2	44.2	15.6	23.9	47	57	46	56	31	16	1	1
West of Mississippi.....	-5,297,262	-12.9	-1,252,494	-4.6	1,036,984	72.9	68.8	66.8	67.9	66.5	71.8	55.8	84.4	76.1	74	90	70	87	56	14	5	3

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Less than 1 animal per 1,000 acres of land.

In considering the geographic distribution of the total number of sheep and of goats reported for April 15, 1910, it should be borne in mind that, owing to differences in climatic conditions, the spring lambs and kids are born earlier in some sections than in others. Greater significance attaches to the figures for "mature" sheep. Of the sheep born before January 1, 1910, the Mountain division reported nearly one-half (49.2 per cent) and the East North Central division about one-sixth (16.5 per cent). The North as a whole contained 29.3 per cent, the South 11.9 per cent, and the West 58.7 per cent.

For reasons indicated above there were marked differences in 1910 in the ratios of lambs to ewes in the several divisions. In the East North Central division the number of lambs reported was equal to 54.3 per cent of the number of ewes, and in the Pacific division to 62.7 per cent, whereas in the Mountain division the ratio was only 21.4 per cent.

There are also decided differences among the several divisions with respect to the ratio which the number of rams and wethers bears to the number of ewes, as shown by Table 32. In some divisions most of the male animals are sold for slaughter at an early age, while in others a large proportion are kept for wool.

The distribution of goats is quite different from that of sheep. The leading division is the West South

It will be seen that, despite the decline in the number of sheep, the value of the sheep reported on April 15, 1910, \$232,842,000, was 36.8 per cent greater than the value on June 1, 1900, \$170,203,000. The value of goats and kids nearly doubled during the decade.

Divisions and states.—Table 32 (pages 332 and 333) shows, for each geographic division and state, the number and value of sheep and goats at the last two censuses. Table 29 below shows, by geographic divisions and sections, the increase in number during the decade, the per cent distribution, and the average number per 1,000 acres of land in farms:

Central, which reported 43.8 per cent of the total in 1910. Very few goats are found in the North.

The average number of sheep and goats combined per 1,000 acres of land in farms in the United States as a whole was 63 on April 15, 1910, as compared with 76 on June 1, 1900. Of "mature" sheep, the figures for which are more nearly comparable, the average number per 1,000 acres was 45 in 1910, and 48 in 1900. In 1910 there were in the Mountain division 328 sheep born before January 1 per 1,000 acres of land in farms, but it should be noted that many sheep in this division are kept on public range land and not in farms.

Comparisons among the several geographic divisions with respect to the increase or decrease between 1900 and 1910 in the total number of sheep are much less satisfactory than comparisons based on the number of mature sheep. There was a considerable increase in the number of mature sheep of both sexes combined in the Mountain and West North Central divisions, and a small increase in the East South Central division. As shown by Table 32, however, mature ewes decreased in the East North Central division, while rams and wethers decreased in the East South Central division and increased in the East North Central. In all of the divisions except the four above mentioned there was a decrease in both these classes during the decade.

The following statement shows the average value per head of sheep and goats at the last two censuses:

Table 30

DIVISION.	AVERAGE VALUE PER HEAD.							
	All sheep.		Ewes.	Rams and wethers.	Lambs born after Jan. 1.	All goats and kids.		
	1910	1900	1910	1910	1910	1910	1900	
United States.....	\$4.44	\$2.77	\$5.16	\$5.01	\$2.29	\$2.12	\$1.75	
New England.....	4.29	2.90	4.99	6.53	2.35	5.77	5.38	
Middle Atlantic.....	4.85	3.24	5.38	5.45	2.38	5.51	4.37	
East North Central.....	4.09	2.85	5.23	4.88	1.72	3.16	2.69	
West North Central.....	4.61	3.22	5.67	5.69	2.14	2.87	3.44	
South Atlantic.....	3.61	2.51	4.34	3.58	2.60	1.12	0.85	
East South Central.....	3.73	2.64	4.32	3.71	2.92	1.33	0.94	
West South Central.....	3.29	2.02	3.70	3.92	1.82	2.13	1.44	
Mountain.....	4.90	2.73	5.29	5.28	2.58	2.36	2.05	
Pacific.....	4.02	2.60	4.88	4.60	2.38	4.45	2.93	

The average value of all sheep per head on April 15, 1910, was \$4.44, as compared with \$2.77 on June 1, 1900. These figures are less significant than those for the "mature" animals alone. The average value of ewes for the country as a whole increased from \$3.18 in 1900 to \$5.16 in 1910, notwithstanding the fact that the average age of the animals classed as ewes was somewhat lower in 1910 than in 1900. The average value of rams and wethers in 1910 was \$5.01, as compared with \$3.36 in 1900. The average value of all goats was \$2.12 in 1910, as compared with \$1.75 in 1900, thus showing a much smaller increase than the value of sheep. An extraordinary range appears in

the average value of goats. In the West South Central division, which leads in the total number of goats, the average value was \$2.13.

For ewes born before 1910 the average value was highest (\$5.98 per head) in the Middle Atlantic division, next highest (\$5.67) in the West North Central division, and lowest (\$3.70) in the West South Central division.

The following statement shows the number of sheep (excluding lambs) at each census from 1880 to 1910. The figures for 1910, as already explained, should be reduced, perhaps by 3 or 4 per cent, in order to make them strictly comparable with the returns for 1900. It is probable that some lambs were included with the sheep at the enumerations of 1880 and 1890. The returns, as given below, would indicate a gradual though slight decrease in the total number of sheep (excluding lambs) during each decade since 1880.

Table 31

DIVISION.	SHEEP (EXCLUDING LAMBS).			
	1910	1900	1890	1880
United States.....	39,644,046	39,882,967	140,876,312	142,192,074
New England.....	306,443	563,217	936,332	1,362,234
Middle Atlantic.....	1,201,455	1,970,262	3,186,495	3,688,798
East North Central.....	6,534,854	6,900,190	9,449,783	10,566,206
West North Central.....	3,524,749	3,155,531	2,882,371	13,096,623
South Atlantic.....	1,355,698	1,709,199	2,445,386	2,379,086
East South Central.....	1,513,833	1,489,730	2,316,279	2,308,290
West South Central.....	1,662,445	1,833,118	4,710,518	14,089,021
Mountain.....	19,369,625	17,984,255	19,919,833	17,097,442
Pacific.....	3,778,894	4,244,345	1,518,615	17,484,394

<sup>1</sup> Includes estimated number of sheep on public ranges.

## ALL SHEEP ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



## ABSTRACT OF THE CENSUS—AGRICULTURE.

## SHEEP AND GOATS ON FARMS—NUMBER AND VALUE OF SHEEP, BY AGE

[See text with reference to date of enumeration and change in classification.]

Table 32	DIVISION OR STATE.	ALL SHEEP.				EWES.			
		Number.		Value.		Number.		Value.	
		1910	1900	1910	1900	1910	1900	1910	1900
1	United States.....	52,447,861	61,503,713	\$232,841,585	\$170,203,119	31,933,797	31,537,652	\$164,855,314	\$161,288,730
GEOGRAPHIC DIVISIONS:									
2	New England.....	430,672	922,555	1,846,797	2,679,634	289,454	527,301	1,443,342	1,741,887
3	Middle Atlantic.....	1,844,057	3,324,542	8,934,933	10,767,037	1,057,902	1,732,522	6,325,992	6,420,238
4	East North Central.....	9,542,234	11,216,273	30,009,830	32,130,946	5,636,905	6,006,474	28,966,091	20,692,823
5	West North Central.....	5,065,009	4,964,283	23,287,792	15,980,743	3,053,164	2,669,058	17,313,989	10,268,049
6	South Atlantic.....	2,513,533	2,698,915	9,085,747	6,761,209	1,345,456	1,381,330	5,845,194	3,767,442
7	East South Central.....	2,466,221	2,423,039	9,299,829	6,338,873	1,342,911	1,223,888	5,795,000	3,372,770
8	West South Central.....	2,193,657	2,454,434	7,226,235	4,970,206	1,153,916	1,215,247	4,267,001	2,899,626
9	Mountain.....	22,770,291	26,966,152	111,656,290	73,901,804	15,262,412	13,827,002	80,791,568	42,747,743
10	Pacific.....	5,592,167	6,533,517	22,494,109	17,017,607	2,891,677	3,274,830	14,107,137	9,618,141
NEW ENGLAND:									
11	Maine.....	206,434	420,116	813,976	1,116,483	143,738	240,717	655,061	709,720
12	New Hampshire.....	43,772	105,113	192,346	309,451	29,075	61,265	148,381	201,388
13	Vermont.....	118,551	296,576	538,991	881,402	78,996	168,292	430,677	597,117
14	Massachusetts.....	32,708	52,559	156,498	198,596	20,912	30,441	111,140	128,357
15	Rhode Island.....	6,789	11,367	32,637	41,282	3,952	5,901	21,601	27,575
16	Connecticut.....	22,418	36,987	112,349	137,420	12,853	20,655	78,428	85,730
MIDDLE ATLANTIC:									
17	New York.....	930,300	1,745,746	4,839,631	5,921,941	568,829	938,315	3,678,912	3,729,631
18	New Jersey.....	30,683	47,720	161,138	202,490	15,719	24,744	93,277	109,540
19	Pennsylvania.....	883,074	1,631,066	3,984,144	4,642,606	473,354	709,463	2,553,803	2,651,067
EAST NORTH CENTRAL:									
20	Ohio.....	3,509,162	4,020,628	14,941,381	10,956,308	2,188,951	2,090,095	10,341,577	6,760,239
21	Indiana.....	1,336,967	1,742,002	5,908,496	5,794,976	742,576	940,387	4,400,050	3,776,066
22	Illinois.....	1,099,846	1,030,581	4,843,736	3,706,642	583,487	548,853	3,500,933	2,241,230
23	Michigan.....	2,306,476	2,747,609	9,646,565	7,162,664	1,433,263	1,588,503	7,740,937	4,737,021
24	Wisconsin.....	929,783	1,675,483	3,660,652	4,510,356	588,628	918,638	2,982,554	3,048,269
WEST NORTH CENTRAL:									
25	Minnesota.....	637,582	559,578	2,693,424	1,740,088	417,652	329,984	2,190,295	1,205,275
26	Iowa.....	1,145,549	1,056,718	5,748,836	3,956,142	676,687	576,104	4,381,545	2,600,908
27	Missouri.....	1,811,268	1,987,213	7,888,878	3,820,846	1,014,469	587,757	5,707,617	2,060,859
28	North Dakota.....	293,371	681,952	1,237,737	1,087,136	187,249	304,273	913,530	1,193,611
29	South Dakota.....	611,264	775,236	3,002,038	2,434,206	412,648	422,042	2,304,684	1,603,327
30	Nebraska.....	298,500	511,273	1,486,948	1,678,498	177,877	279,073	974,667	1,102,871
31	Kansas.....	272,475	262,013	1,209,911	833,827	166,582	133,825	841,651	491,198
SOUTH ATLANTIC:									
32	Delaware.....	7,806	11,765	36,598	43,588	3,924	6,369	19,535	22,899
33	Maryland.....	237,137	191,161	1,142,965	696,531	119,806	161,006	648,094	381,448
34	District of Columbia.....								
35	Virginia.....	804,873	692,929	3,300,026	2,089,779	413,273	353,649	2,022,836	1,133,069
36	West Virginia.....	910,360	968,843	3,409,901	2,664,556	499,664	497,247	2,410,151	1,554,696
37	North Carolina.....	214,473	301,941	559,217	477,421	120,810	164,105	367,950	276,389
38	South Carolina.....	37,559	71,538	81,362	111,770	22,368	40,478	51,845	66,202
39	Georgia.....	187,644	336,273	308,212	438,363	105,941	162,704	184,193	221,603
40	Florida.....	113,701	124,520	256,166	239,261	61,170	55,881	140,590	109,136
EAST SOUTH CENTRAL:									
41	Kentucky.....	1,363,013	1,297,343	5,573,998	4,191,205	723,662	647,838	3,469,817	2,172,170
42	Tennessee.....	795,033	696,011	3,009,196	1,179,424	429,902	255,032	1,897,706	661,780
43	Alabama.....	142,930	317,033	299,919	488,299	80,276	157,330	181,767	259,428
44	Mississippi.....	195,245	312,632	416,716	534,945	109,051	162,188	245,710	289,461
WEST SOUTH CENTRAL:									
45	Arkansas.....	144,189	256,929	327,984	437,317	80,285	130,700	211,703	240,681
46	Louisiana.....	178,287	219,844	343,046	333,600	100,494	114,414	219,800	185,840
47	Oklahoma.....	62,472	188,363	253,864	1,217,732	41,669	145,959	192,834	1,128,588
48	Texas.....	1,808,709	1,889,298	6,361,364	3,982,117	931,328	924,174	3,652,164	2,037,517
MOUNTAIN:									
49	Montana.....	5,380,746	6,170,483	29,028,069	18,165,404	3,251,656	2,995,795	18,690,188	10,105,384
50	Idaho.....	3,010,478	3,121,532	15,897,192	8,294,776	1,810,944	1,611,990	11,294,338	4,947,388
51	Wyoming.....	5,397,161	5,099,613	29,665,228	16,310,596	3,964,463	2,498,914	22,938,394	9,391,096
52	Colorado.....	1,426,214	2,044,814	6,856,187	5,584,897	1,111,336	1,089,660	5,465,629	3,417,731
53	New Mexico.....	3,346,984	4,899,487	12,072,037	10,642,514	2,339,365	2,850,876	9,149,625	6,828,816
54	Arizona.....	1,126,733	924,751	4,400,514	1,901,764	752,143	452,271	3,031,764	1,861,358
55	Utah.....	1,827,168	3,818,423	8,634,735	10,256,468	1,340,598	1,893,802	6,709,594	5,685,818
56	Nevada.....	1,154,795	887,609	5,161,328	2,344,865	681,410	434,574	3,512,039	1,700,152
PACIFIC:									
57	Washington.....	475,555	929,873	1,891,170	2,450,929	226,377	459,158	1,121,445	1,382,745
58	Oregon.....	2,699,135	3,040,291	12,213,942	7,563,447	1,447,785	1,480,282	8,097,909	4,188,763
59	California.....	2,417,477	2,565,353	8,348,957	7,003,231	1,217,515	1,335,390	4,914,783	4,046,633

1 Includes Indian Territory.

# LIVE STOCK ON FARMS AND ELSEWHERE.

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AND SEX GROUPS, AND OF GOATS, BY DIVISIONS AND STATES: 1910 AND 1900.

[See text with reference to date of enumeration and change in classification.]

	RAMS AND WETHERS.				LAMBS.				ALL GOATS AND KIDS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	7,710,249	7,995,315	\$38,660,830	\$28,898,061	12,802,815	21,650,748	\$29,325,441	\$42,016,328	2,915,125	1,870,599	\$6,178,423	\$3,265,349
2	16,989	35,916	110,942	147,519	124,229	359,341	292,613	790,228	3,105	2,179	18,426	11,715
3	302,653	337,840	1,104,926	925,126	583,621	1,254,180	1,504,015	3,351,673	7,588	4,212	41,834	18,590
4	997,949	890,716	4,872,680	3,285,882	3,007,380	4,316,033	5,170,059	8,154,259	38,609	25,536	110,771	68,585
5	471,885	324,859	2,631,105	2,005,162	1,540,260	1,908,752	3,292,098	3,707,532	113,215	94,500	324,714	325,170
6	297,242	324,859	742,315	755,264	900,835	962,716	2,498,238	2,238,653	211,101	205,289	255,758	173,764
7	170,922	265,842	635,565	640,381	982,388	933,309	2,871,254	2,380,713	198,647	210,652	264,565	198,543
8	508,529	623,871	1,994,385	1,560,070	531,212	615,316	994,873	846,510	1,276,231	731,781	2,719,656	1,650,654
9	4,247,263	4,157,273	22,430,805	14,430,839	3,200,616	8,981,877	8,424,827	16,323,222	737,644	374,932	1,738,171	769,536
10	887,217	969,515	4,080,017	3,171,818	1,813,273	2,289,172	4,306,955	4,227,648	332,445	221,558	723,128	648,907
11	6,196	11,496	32,643	42,067	56,500	167,993	125,672	364,706	582	279	2,177	1,091
12	2,126	4,023	12,551	15,538	12,571	39,795	31,414	92,525	465	208	3,459	916
13	5,934	13,875	41,028	58,264	34,191	114,499	67,886	226,021	201	102	1,633	444
14	1,787	3,428	13,898	16,719	10,009	18,690	31,400	51,520	1,251	1,254	7,990	7,388
15	254	728	1,912	3,553	2,583	4,578	9,124	15,154	106	23	982	131
16	1,262	2,366	8,910	11,388	8,375	13,966	26,967	40,302	500	313	2,785	1,945
17	37,290	46,291	281,814	232,127	324,181	761,230	878,925	1,940,183	3,475	1,316	21,432	6,442
18	1,076	1,619	8,341	9,384	13,888	21,367	59,520	83,866	574	699	4,614	3,000
19	164,187	190,020	814,771	665,615	245,533	571,583	565,370	1,327,924	3,539	2,197	15,788	8,951
20	701,212	558,157	3,074,571	1,795,218	1,018,599	1,372,738	1,525,233	2,370,851	5,379	5,432	17,843	16,975
21	69,851	70,251	435,658	337,709	524,540	731,354	1,072,788	1,681,201	7,290	20,905	8,920	8,920
22	74,997	80,297	463,735	375,515	401,362	401,431	879,048	989,807	12,438	8,877	38,564	19,932
23	111,978	117,427	679,784	490,322	761,235	1,121,679	1,225,824	1,935,321	5,080	2,861	14,192	10,908
24	39,911	67,574	219,932	285,118	301,244	689,241	467,166	1,176,969	4,875	3,882	19,267	12,760
25	34,419	29,344	193,642	124,556	185,511	230,550	309,487	410,557	4,588	3,821	18,480	12,908
26	83,230	81,764	557,375	399,619	573,632	898,560	779,916	945,615	20,664	41,468	64,239	146,708
27	101,720	75,946	594,295	296,638	695,079	423,510	1,586,906	999,349	72,415	24,487	187,409	64,786
28	54,143	111,164	244,907	412,119	51,979	230,515	99,309	1,074	1,122	5,618	5,308	5,308
29	88,393	85,296	473,063	359,828	110,223	267,898	224,291	475,051	2,337	2,915	11,422	15,650
30	62,239	56,877	380,679	245,269	53,384	175,323	131,602	330,358	3,290	2,399	11,945	9,126
31	37,441	46,082	297,144	175,433	68,452	82,106	161,136	167,196	8,847	18,288	25,601	71,290
32	691	604	2,698	2,610	3,391	4,901	14,665	18,079	88	143	328	519
33	5,445	10,514	38,791	46,835	110,886	79,581	456,080	268,248	1,179	5,115	4,023	4,023
34									9		39	
35	25,446	38,576	154,771	136,929	366,154	300,894	1,122,419	817,781	7,327	5,305	28,286	10,002
36	67,888	75,492	314,500	242,289	343,408	396,104	676,250	867,571	5,748	847	20,682	2,123
37	19,260	44,707	53,509	76,109	74,403	93,129	137,758	124,923	35,019	42,001	43,030	37,197
38	5,558	11,958	12,894	20,203	9,633	19,102	16,923	25,365	24,750	26,576	27,728	24,450
39	48,209	96,190	82,959	132,507	34,294	77,384	41,060	84,163	89,616	64,624	70,058	61,972
40	33,945	46,828	82,403	97,092	18,586	21,811	33,083	32,433	47,371	43,705	40,521	32,309
41	54,472	68,320	276,355	239,384	584,859	581,185	1,827,826	1,779,631	29,869	11,967	61,665	19,733
42	60,435	51,772	186,379	137,901	324,606	188,207	925,111	389,748	43,560	25,884	82,666	38,938
43	28,836	71,468	61,939	124,718	33,818	87,755	53,193	104,153	79,347	117,413	76,301	94,258
44	47,179	74,282	106,872	138,378	39,015	76,162	35,134	167,166	45,871	55,388	43,873	45,594
45	16,232	38,061	41,478	73,128	47,672	88,168	74,802	123,508	88,294	51,839	84,938	58,788
46	38,814	54,820	84,221	97,454	38,979	50,610	48,425	49,746	57,102	38,308	57,334	56,697
47	7,287	15,224	31,652	145,701	13,576	27,180	29,348	146,383	25,591	14,301	62,687	132,302
48	446,196	515,766	1,830,904	1,823,727	430,985	449,858	812,296	620,873	1,135,244	627,333	2,514,077	923,777
49	1,708,149	1,219,419	9,347,063	4,253,491	430,911	1,955,209	990,818	3,806,929	5,043	1,713	22,416	7,870
50	299,386	354,377	1,898,361	1,193,022	926,148	1,156,065	2,704,498	2,153,766	5,719	4,831	36,697	20,167
51	872,102	828,271	5,196,297	3,317,543	579,596	1,772,428	1,834,540	3,601,467	2,739	2,666	16,128	11,884
52	194,209	293,143	1,089,087	1,629,252	129,618	691,991	814,498	1,144,294	31,611	37,433	80,644	73,141
53	335,410	483,867	2,107,914	1,441,135	453,000	1,565,744	1,814,408	2,370,563	412,630	224,136	989,702	472,961
54	164,187	216,187	635,320	491,378	318,133	256,303	733,230	348,828	296,617	98,403	558,327	167,863
55	339,295	659,332	1,902,373	2,241,904	156,290	1,265,289	422,708	2,318,866	29,014	1,427	75,547	2,702
56	143,465	133,677	666,280	465,794	329,920	318,788	923,009	578,919	4,849	4,633	11,710	12,948
57	68,887	98,884	331,798	339,544	189,291	371,851	477,927	728,640	8,921	2,876	31,662	10,757
58	510,557	481,073	2,421,520	1,456,064	740,793	1,078,936	1,721,513	1,919,620	185,411	109,661	370,637	373,229
59	207,773	389,578	1,326,699	1,377,210	892,189	838,385	2,107,513	1,579,888	138,413	109,021	330,829	262,981

POULTRY ON FARMS.

The change in the date of enumeration from June 1, at the census of 1900, to April 15, at the census of 1910, should have no very material effect upon the comparability of the statistics of poultry, for the reason that according to the schedules used at both

censuses only fowls 3 months of age or over were to be reported.

The following table shows for 1910 and 1900 the principal facts with regard to each class of fowls in the United States as a whole:

Table 33	All fowls.	Chickens.	Turkeys.	Ducks.	Geese.	Guinea fowls.	Pigeons.	Peafowls.	Ostriches.
1910—Number.....	295,880,100	280,345,133	5,688,708	2,995,525	4,431,860	1,705,031	2,730,994	6,458	5,361
Value.....	\$154,230,000	\$140,356,007	\$6,008,518	\$1,567,164	\$3,184,507	\$762,374	\$18,328	\$1,696,140	\$316,340
Average value.....	\$0.52	\$0.50	\$1.79	\$0.54	\$0.72	\$0.35	\$0.28	\$2.84	\$1.80
Farms reporting.....	5,885,632	5,578,525	871,123	503,794	662,328	339,538	109,407	1,807	29
Per cent of all farms.....	47.8	47.7	15.7	7.9	10.4	5.3	1.7	(1)	(1)
1900—Number.....	250,624,038	233,566,021	6,594,695	4,785,850	5,676,788	(2)	(2)	(2)	684

<sup>1</sup> Less than one-tenth of 1 per cent. <sup>2</sup> Included with chickens. <sup>3</sup> Not reported.

The total number of all fowls reported at the census of 1910 was 295,880,000, of which 280,345,000, or 94.7 per cent, consisted of chickens. The number of fowls reported in 1900 was 250,624,000. Excluding pigeons and peafowls, which were not reported in 1900, there was an increase between 1900 and 1910 of 42,519,000, or 17 per cent. The increase was wholly confined to chickens, as there was a marked decrease in turkeys, ducks, and geese. The total value of all fowls in 1910 was \$154,663,000, or an average of 52

cents per fowl, while the total value in 1900 was \$85,808,000, or an average of 34 cents per fowl, the average value having thus increased 52.9 per cent. The average values of the separate classes of poultry were not reported in 1900.

The following table gives, for each geographic division and section, statistics as to the number and value of the different kinds of fowls reported. It shows also what percentage of the total number was found in each division.

Table 34	DIVISION OR SECTION.	CHICKENS.			TURKEYS.			DUCKS.					
		Number.		Value.	Number.		Value.	Number.		Value.			
		1910	1900 <sup>1</sup>	Per ct. of increase. <sup>2</sup>	1910	1900	Per ct. of increase. <sup>2</sup>	1910	1900	Per ct. of increase. <sup>2</sup>			
<b>United States.....</b>													
		280,345,133	233,566,021	20.9	6,140,265,607	3,688,708	6,594,695	-44.1	\$6,008,518	2,906,525	4,785,850	-39.3	\$3,167,164
New England.....		6,841,918	6,440,678	6.2	4,975,551	3,888,708	5,494,861	-48.2	74,725	51,929	91,421	-48.2	51,014
Middle Atlantic.....		24,449,500	21,511,436	13.7	16,346,161	25,546	483,861	-47.7	628,191	369,706	362,159	2.1	286,835
East North Central.....		69,471,413	58,104,189	19.6	36,609,410	701,342	3,650,611	-53.3	1,530,580	585,672	1,018,726	-46.6	319,815
West North Central.....		85,192,651	65,304,879	30.3	41,297,260	1,214,342	3,711,149	-47.0	1,363,291	869,620	1,307,601	-42.1	411,787
South Atlantic.....		25,627,003	22,290,912	15.0	11,894,700	530,518	1,810,975	-35.1	906,229	330,054	458,918	-28.1	151,377
East South Central.....		24,485,054	22,965,751	6.7	10,272,630	883,741	792,170	-38.9	792,289	341,453	559,111	-38.4	129,862
West South Central.....		29,176,294	27,333,889	6.7	10,393,418	620,791	1,084,212	-42.7	771,598	348,832	697,937	-50.0	127,488
Mountain.....		5,467,343	3,116,639	75.4	3,005,103	86,703	81,408	6.5	183,442	42,242	51,477	-17.9	32,407
Pacific.....		9,623,957	6,434,667	49.6	5,501,353	139,340	223,942	-28.7	356,258	69,997	145,500	-46.0	47,579
The North.....		155,955,482	131,421,182	22.8	99,138,417	1,811,615	3,602,358	-49.7	3,596,455	1,776,927	2,969,907	-38.1	1,078,451
The South.....		79,293,551	72,563,543	9.2	32,560,754	1,631,029	2,657,357	-39.2	2,470,113	1,022,359	1,715,964	-40.4	408,727
The West.....		15,091,300	9,551,296	58.0	5,506,436	246,043	304,960	-19.3	539,300	106,239	199,977	-46.9	79,886
East of the Mississippi.....		150,884,888	131,315,966	14.9	80,698,458	1,988,402	3,634,384	-45.3	3,731,629	1,641,814	2,490,335	-34.1	947,900
West of the Mississippi.....		140,095,245	102,260,055	26.6	60,197,149	1,700,366	2,969,311	-42.6	2,678,189	1,264,711	2,295,515	-44.9	619,263

Table 34	DIVISION OR SECTION.	GEESE.		GUINEA FOWLS. <sup>2</sup>		PIGEONS. <sup>4</sup>		PEAFOWLS. <sup>4</sup>		PER CENT OF TOTAL NUMBER IN UNITED STATES.											
		Number.		Value.		Number.		Value.		All fowls.		Chickens and guinea fowls.		Turkeys.		Ducks.		Geese.			
		1910	1900	Per ct. of increase. <sup>3</sup>	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	
<b>United States.....</b>																					
		4,431,980	5,676,788	-21.9	\$3,184,607	1,785,831	\$813,282	2,730,994	\$762,374	6.458	18,328	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
New England.....		27,222	27,296	0.3	37,838	35,833	25,868	95,433	29,283	2.4	2.4	2.4	2.4	2.8	0.7	1.8	1.9	0.6	0.5		
Middle Atlantic.....		84,797	117,231	-27.7	140,328	166,729	81,501	680,998	281,768	351	1,601	8.8	8.0	8.7	9.2	6.7	7.2	7.6	1.9	2.1	
East North Central.....		658,697	833,817	-21.6	665,291	522,312	27,197	351,162	76,744	574	1,543	24.3	24.6	24.7	24.9	19.0	22.8	18.8	23.4	16.4	
West North Central.....		961,045	965,209	-0.4	862,561	228,998	78,129	662,402	103,031	1,210	3,254	30.0	27.6	30.3	28.0	22.2	23.8	27.0	29.2	21.7	
South Atlantic.....		679,872	908,298	-25.0	402,726	413,032	143,165	280,517	99,279	1,175	2,700	9.4	9.8	9.2	9.5	14.3	12.3	11.4	9.6	15.3	
East South Central.....		1,145,929	1,534,994	-25.3	548,150	342,026	104,292	105,850	25,013	1,416	3,046	5.1	10.3	8.8	9.8	13.3	11.0	11.9	11.7	23.9	
West South Central.....		824,120	1,064,270	-21.8	425,287	332,406	86,715	197,155	31,530	1,129	3,149	10.6	12.0	10.5	11.7	16.8	18.4	12.0	14.6	18.6	
Mountain.....		26,946	15,676	71.9	45,451	8,383	5,247	72,741	19,536	220	1,177	1.9	1.3	1.9	1.3	1.2	1.5	1.1	0.6	0.8	
Pacific.....		43,162	119,487	-63.9	96,135	7,291	3,361	284,530	82,014	363	1,769	3.4	2.8	3.4	2.8	4.3	3.4	3.2	3.0	2.6	
The North.....		1,711,951	2,043,523	-16.2	1,716,733	660,891	239,692	1,790,101	515,013	2,164	6,833	65.3	63.8	66.1	64.8	49.1	54.6	61.1	60.0	38.0	
The South.....		2,649,921	3,498,672	-24.2	1,376,168	1,088,466	383,062	183,622	148,761	3,711	8,291	29.2	32.1	28.5	31.4	44.2	40.8	35.2	35.9	59.8	
The West.....		70,168	135,675	-48.1	101,606	15,674	10,368	357,221	101,550	583	2,995	5.4	4.1	5.4	4.1	6.7	4.6	4.7	4.2	1.6	
East of the Mississippi.....		2,576,707	3,222,146	-20.6	1,805,675	1,191,851	431,930	1,514,976	526,272	2,543	9,995	54.0	56.2	53.9	56.2	53.9	55.1	56.5	52.2	58.1	
West of the Mississippi.....		1,855,273	2,154,642	-13.9	1,399,429	573,060	151,352	1,216,918	236,102	2,913	9,349	46.0	43.8	46.1	43.8	46.1	44.9	43.5	45.8	41.9	

<sup>1</sup> Includes guinea fowls. <sup>2</sup> A minus sign (-) denotes decrease. <sup>3</sup> Included with chickens in 1900. <sup>4</sup> Not reported in 1900.

It will be seen that in 1910 the West North Central division reported 30 per cent of the total number of fowls in the country. The East North Central division ranked next with 24.3 per cent, and the West South Central next with 10.6 per cent. There has been no marked change in the distribution of fowls since 1900. The distribution of the number of chickens and guinea fowls naturally corresponds more or less closely with that of all fowls, but the distribution of turkeys, ducks, and geese is somewhat different.

The absolute increase in number of chickens between 1900 and 1910 was greatest in the West North Central division, but the percentage of increase was not so high in that division as in the Mountain and Pacific divisions. The two South Central divisions show relatively low percentages of increase in the number of chickens. In nearly every division the number of turkeys, of ducks, and of geese fell off.

Table 35 in the next column shows the average value of fowls on farms. In the case of chickens, turkeys, and ducks the average values in 1910 were lowest in the West South Central division and highest in New England. New England also shows the highest

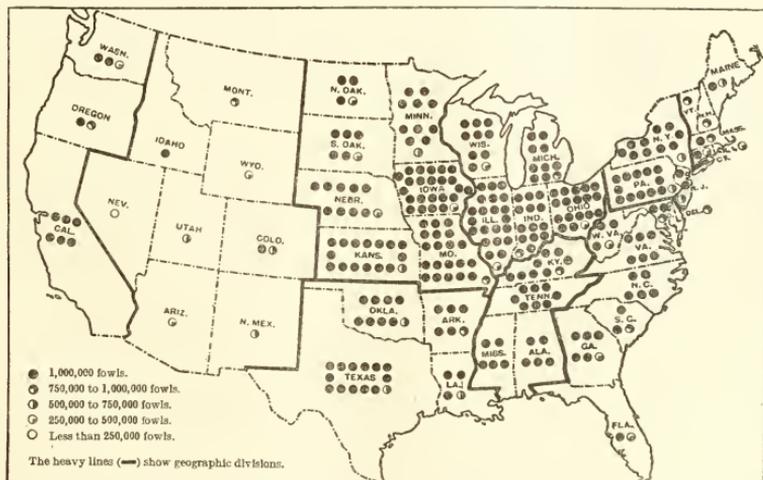
average for geese, while the lowest is that for the East South Central division. The average value of fowls of all classes combined shows a marked increase from 1900 to 1910 in every division.

DIVISION.	AVERAGE VALUE OF ALL FOWLS.		AVERAGE VALUE: 1910							
			Chickens,	Turkeys,	Ducks,	Geese,	Guinea Fowls,	Pigeons,	Poultry,	Outfowl,
	1910	1900								
United States.....	\$0.52	\$0.34	\$0.50	\$1.79	\$0.54	\$0.72	\$0.35	\$0.28	\$2.84	\$316.39
New England.....	0.74	0.35	0.73	3.08	0.98	2.12	0.68	0.56	9.53	.....
Middle Atlantic.....	0.68	0.46	0.67	2.49	0.80	1.65	0.49	0.41	4.86	.....
East North Central.....	0.54	0.34	0.53	1.90	0.59	1.03	0.33	0.23	2.34	.....
West North Central.....	0.50	0.33	0.48	1.88	0.51	0.99	0.34	0.18	2.69	.....
South Atlantic.....	0.49	0.35	0.49	1.72	0.46	0.59	0.35	0.35	1.30	427.17
East South Central.....	0.44	0.31	0.42	1.64	0.38	0.48	0.20	0.22	2.15	.....
West South Central.....	0.38	0.25	0.36	1.24	0.37	0.52	0.29	0.16	2.31	363.08
Mountain.....	0.82	0.42	0.55	2.11	0.77	1.69	0.63	0.77	4.35	238.88
Pacific.....	0.62	0.45	0.61	2.24	0.74	1.30	0.72	0.50	4.87	211.96

Table 36 (page 336) shows, for each geographic division and state, the number and value of all fowls on farms at the censuses of 1910 and 1900, together with the number of chickens and guinea fowls combined and the number of turkeys, ducks, and geese combined.

## ALL FOWLS ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



## POULTRY AND BEES ON FARMS—NUMBER AND VALUE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 36

DIVISION OR STATE	ALL FOWLS. <sup>1</sup>				CHICKENS AND GUINEA FOWLS.		TURKEYS, DUCKS, AND GESE.		COLONIES OF BEES.			
	Number.		Value.		Number.		Number.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>United States</b> .....	<b>295,850,190</b>	<b>250,824,056</b>	<b>154,663,220</b>	<b>885,807,818</b>	<b>282,110,164</b>	<b>235,508,021</b>	<b>11,027,213</b>	<b>17,057,333</b>	<b>3,448,066</b>	<b>4,108,239</b>	<b>110,373,815</b>	<b>110,178,987</b>
<b>GEORGIAN DIVISIONS:</b>												
New England.....	7,078,636	6,606,246	5,328,461	3,611,668	6,879,770	6,446,678	103,386	165,568	40,627	50,713	195,959	206,151
Middle Atlantic.....	26,004,625	22,473,997	17,775,385	10,095,094	24,616,229	21,511,436	707,049	962,471	291,659	362,966	1,166,587	1,164,581
East North Central.....	71,941,382	61,598,039	39,070,998	20,810,966	69,703,725	58,104,189	1,885,921	3,433,850	545,538	654,970	1,800,931	1,807,163
West North Central.....	58,684,488	49,258,838	44,226,368	22,996,723	85,416,649	65,364,879	2,604,137	3,933,959	546,963	632,877	1,720,621	1,608,512
South Atlantic.....	27,888,963	24,472,713	13,631,507	8,545,899	26,040,035	22,293,912	1,536,444	2,178,801	678,439	854,909	1,574,577	1,664,636
East South Central.....	26,018,569	25,851,928	11,873,198	8,063,673	24,837,080	22,965,751	1,974,123	2,888,175	506,962	730,234	1,117,145	1,459,835
West South Central.....	31,501,899	30,170,335	11,310,631	7,162,900	29,500,770	27,333,890	1,703,763	2,836,419	379,842	559,150	997,825	1,063,562
Mountain.....	5,738,006	3,265,850	4,656,963	1,902,914	5,475,726	3,113,639	155,861	148,561	172,654	146,482	794,026	492,593
Pacific.....	10,183,722	6,926,384	6,279,709	3,099,851	9,631,248	6,434,657	266,499	491,529	282,192	215,899	1,006,852	631,108
<b>NEW ENGLAND:</b>												
Maine.....	1,725,962	1,585,564	1,131,921	756,153	1,718,240	1,564,853	13,280	20,711	7,692	10,857	40,357	51,459
New Hampshire.....	924,859	877,939	649,121	467,104	907,807	870,461	6,959	7,478	5,464	5,520	23,093	24,065
Vermont.....	938,524	843,163	607,787	421,195	915,526	806,451	8,759	36,712	10,215	12,836	44,949	46,633
Massachusetts.....	1,708,380	1,680,693	1,492,961	1,018,119	1,715,435	1,625,269	38,111	55,424	7,464	8,381	39,683	35,751
Rhode Island.....	415,200	520,514	308,018	305,047	396,981	500,618	8,353	10,896	1,267	1,638	6,138	6,720
Connecticut.....	1,265,702	1,008,373	988,653	644,050	1,225,781	1,073,206	17,924	25,347	9,445	11,681	41,839	40,598
<b>MIDDLE ATLANTIC:</b>												
New York.....	10,678,836	9,352,412	7,879,388	4,310,755	10,265,939	9,964,736	300,755	387,676	156,360	187,208	646,848	543,784
New Jersey.....	2,507,448	2,076,514	2,221,610	1,300,853	2,342,451	1,965,594	39,254	82,930	10,484	14,118	41,506	39,219
Pennsylvania.....	12,728,341	11,044,981	7,474,387	4,483,486	12,067,830	10,535,106	59,240	101,875	15,184	16,610	478,179	531,578
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	17,342,289	15,018,352	9,532,672	5,085,921	16,904,166	14,369,525	382,328	748,827	98,242	151,391	275,726	402,561
Indiana.....	13,789,109	11,949,821	7,762,015	4,222,409	13,273,555	11,103,006	463,364	846,815	80,938	117,145	250,473	278,864
Illinois.....	21,409,835	17,737,262	11,696,650	6,415,033	20,647,947	18,060,728	617,469	1,136,534	155,846	179,953	487,733	486,164
Michigan.....	9,967,309	8,805,060	5,610,958	2,688,829	9,724,713	8,033,531	320,778	331,529	110,307	120,397	446,664	332,469
Wisconsin.....	9,433,110	8,447,544	4,468,703	2,410,714	9,153,314	8,097,399	219,982	330,145	95,278	105,836	360,530	377,105
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	10,897,075	8,142,693	4,646,960	2,274,649	10,304,776	7,730,940	346,765	411,733	56,677	45,877	221,781	167,280
Iowa.....	23,482,880	20,043,343	12,269,881	6,535,464	22,730,118	18,907,673	564,668	1,135,670	160,625	138,811	517,929	443,923
Missouri.....	20,897,208	16,076,713	11,870,972	5,730,359	19,992,410	14,900,601	832,570	1,173,112	203,569	266,110	584,549	508,217
North Dakota.....	3,268,109	1,489,380	1,485,463	477,358	3,097,692	1,479,285	132,615	80,695	495	279	3,086	1,474
South Dakota.....	5,231,348	3,178,283	2,356,465	856,966	4,936,814	3,628,700	199,527	149,585	6,565	2,063	31,650	10,478
Kansas.....	9,331,830	7,812,239	4,219,158	2,374,950	9,038,383	7,417,837	214,016	394,402	45,625	52,143	112,616	159,563
Nebraska.....	15,736,138	12,556,185	7,377,469	4,395,997	15,321,486	11,966,843	314,575	508,342	73,737	88,694	218,672	277,967
<b>SOUTH ATLANTIC:</b>												
Delaware.....	876,961	665,282	560,146	357,475	798,345	628,866	23,082	36,416	6,410	10,117	13,609	20,244
Maryland.....	2,908,968	2,365,645	1,858,570	1,138,020	2,702,403	2,113,544	134,098	192,101	23,156	28,083	61,603	61,013
District of Columbia.....	8,349	8,293	6,477	3,108	7,433	8,004	166	289	151	59	790	199
Virginia.....	6,099,581	5,041,470	3,395,962	1,886,768	5,738,011	4,293,311	321,930	451,159	104,005	130,064	302,623	308,417
West Virginia.....	3,110,155	3,053,071	1,628,700	963,505	3,121,065	2,739,585	181,000	290,468	110,673	111,417	388,807	375,622
North Carolina.....	5,053,870	4,379,961	2,212,570	1,434,158	4,643,447	3,871,838	384,000	598,106	116,878	144,339	366,683	429,868
South Carolina.....	2,946,414	2,908,319	1,206,615	880,053	2,778,122	2,664,794	139,713	243,535	75,422	93,958	134,622	142,677
Georgia.....	13,288,584	4,926,452	2,088,653	1,483,053	4,991,612	4,540,144	293,480	377,308	100,540	187,919	187,242	242,760
Florida.....	1,326,271	1,184,220	673,814	394,557	1,299,607	1,107,516	58,643	76,404	38,892	39,753	98,468	83,827
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	8,764,204	7,855,468	4,461,871	2,273,221	8,947,178	6,849,079	686,930	1,009,389	152,991	203,820	419,379	527,094
Tennessee.....	8,056,145	6,917,737	3,767,337	2,225,864	7,410,314	6,184,210	627,493	787,527	144,881	225,788	340,619	486,536
Alabama.....	5,028,104	5,185,638	1,807,239	1,469,209	4,708,474	4,737,666	286,233	448,930	135,140	205,369	212,921	287,508
Mississippi.....	5,070,116	5,838,183	1,946,751	1,065,319	4,671,114	4,174,856	373,467	643,329	74,905	95,257	144,226	158,963
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	5,788,570	6,092,976	2,063,432	1,540,006	5,234,957	5,393,137	337,028	699,719	92,731	111,138	200,649	204,340
Louisiana.....	3,542,447	4,299,479	1,326,614	1,057,889	3,291,128	3,890,563	226,208	408,916	29,591	35,231	38,188	54,316
Oklahoma.....	8,501,237	4,916,598	3,713,943	1,416,127	8,093,918	4,487,838	364,904	428,740	10,213	20,137	64,201	45,423
Texas.....	13,669,645	14,861,382	4,806,642	3,598,968	12,889,699	13,592,332	683,573	1,299,044	238,107	392,644	675,927	749,183
<b>MOUNTAIN:</b>												
Montana.....	966,690	556,678	628,436	296,806	923,173	631,774	21,731	24,905	6,313	1,201	32,112	6,199
Idaho.....	1,038,876	500,069	598,190	303,127	1,013,491	516,412	32,016	23,597	21,903	19,840	100,148	64,994
Wyoming.....	341,550	149,564	104,078	60,397	325,365	142,136	11,302	7,428	4,596	1,020	20,493	5,322
Colorado.....	1,721,445	1,017,120	1,012,251	393,219	1,648,246	968,761	43,405	48,359	17,434	50,566	308,068	185,000
New Mexico.....	531,625	163,015	256,466	62,419	511,845	156,853	10,780	6,162	10,052	6,164	46,300	20,802
Arizona.....	268,762	174,972	1,545,966	103,298	253,118	165,290	8,023	9,322	7,170	18,991	104,374	66,603
Utah.....	691,941	556,733	327,908	186,922	673,911	534,842	14,716	21,911	26,185	33,818	123,668	111,452
Nevada.....	133,217	107,538	93,668	55,826	126,067	101,661	4,488	6,877	8,001	5,692	48,453	20,131
<b>PACIFIC:</b>												
Washington.....	2,272,775	1,356,715	1,367,440	614,838	2,205,934	1,196,639	44,086	10,078	33,884	30,870	126,805	106,841
Oregon.....	1,823,680	1,373,203	1,067,743	582,524	1,756,340	1,290,818	51,555	82,385	47,285	55,585	156,164	160,382
California.....	6,087,267	4,196,266	3,844,526	1,902,489	5,668,974	3,947,200	170,856	248,968	20,023	129,444	729,793	363,585

<sup>1</sup> Includes number and value of pigeons, peafowls, and ostriches in 1910, and number and value of ostriches in 1900. Pigeons and peafowls not enumerated prior to 1910.

<sup>2</sup> Includes Indian Territory.

## BEES ON FARMS.

The number of colonies of bees and their value at the censuses of 1910 and 1900 are shown, by divisions and states, in Table 36 (page 336) in connection with the statistics for poultry. In the United States as a whole there were reported 3,445,000 colonies of bees on farms in 1910, as compared with 4,108,000 in 1900, a decrease of 663,000 colonies, or 16.1 per cent. There was, however, a slight increase in the total value. The average value per colony increased from \$2.48 to \$3.01. The number of farms reporting bees also decreased materially, being 586,000 in 1910 as against 707,000 in 1900. Such farms represented 9.2 per cent of the total number of farms in 1910, as compared with 12.3 per cent in 1900. The average number of colonies per farm reporting was 5.9 in 1910, or practically the same as in 1900.

Table 37 shows the percentage of the total number of colonies of bees in each geographic division and the average value per colony.

The South Atlantic division reported in 1910 almost one-fifth of the entire number of colonies of bees in the United States, a larger proportion than any other geographic division. The other divisions which

rank relatively high in bee culture are the West North Central, East North Central, East South Central, and West South Central, in the order named. The Mountain and Pacific divisions, however, reported a decidedly larger proportion of the total number of colonies in 1910 than in 1900. The average value per colony in 1910 ranged from \$4.82 in the New England division and \$4.54 in the Mountain division to \$2.20 in the East South Central division; in every division it was higher in 1910 than in 1900, the change being most marked in the Mountain and Middle Atlantic divisions.

DIVISION.	PER CENT OF TOTAL COLONIES.		AVERAGE VALUE PER COLONY.	
	1910	1900	1910	1900
United States.....	100.0	100.0	\$3.01	\$2.48
New England.....	1.2	1.2	4.82	4.67
Middle Atlantic.....	5.5	8.3	4.00	3.21
East North Central.....	15.8	15.9	3.30	2.90
West North Central.....	15.9	13.9	3.16	3.62
South Atlantic.....	19.7	20.8	2.32	1.86
East South Central.....	14.7	17.8	2.20	2.60
West South Central.....	11.0	13.6	2.63	1.88
Mountain.....	5.0	3.6	4.54	3.36
Pacific.....	8.2	5.3	3.57	2.92

## DOMESTIC ANIMALS NOT ON FARMS.

In compliance with the requirements of the Thirtieth Census act the Census Bureau collects statistics of domestic animals, not only on farms, but also in barns and inclosures not on farms—in cities and villages and elsewhere. Animals not on farms consist mainly of those kept more or less permanently, such as draft animals and dairy cows, but they also include considerable numbers of cattle, sheep, and swine which are temporarily held in cities and villages pending slaughter or sale. The statistics for the several classes are not subdivided according to age groups in this bulletin. It may be stated, however, that a relatively larger proportion of the animals not on farms are of adult age than in the case of those on farms, and for this reason comparison between the censuses of 1900 and 1910, with reference to the total number of animals of each kind, is less seriously affected by the change in the date of enumeration than in the case of animals on farms.

Table 38 (pages 338 and 339) shows, by geographic divisions and states, the number of domestic animals not on farms at the censuses of 1910 and 1900 and their value at the census of 1910 only, statistics of value for such animals not having been collected in 1900.

As might be expected, draft animals are relatively much more important in cities and villages than other domestic animals. Of the total value of domestic animals not on farms in 1910, \$463,280,000, or nearly

seven-eighths, represents the value of horses, mules, and asses and burros. All cattle, with a value of \$60,816,000, made up the larger part of the remainder.

It is noteworthy that in each of the four geographic divisions constituting the North there was a decline between 1900 and 1910 in the number of cattle not on farms, while in each of the five geographic divisions constituting the South and West there was an increase. The same statement holds true with regard to horses, except that a slight increase took place in the number of horses in the Middle Atlantic division.

Differences in the ratio which urban population bears to rural population and differences in the rate of growth in urban population among the different divisions of the country doubtless have something to do with the differences among them in the rate of increase of cattle and of horses not on farms. In the country as a whole urban population (that is, that in cities and villages of 2,500 or more inhabitants) increased more than three times as fast as rural population between 1900 and 1910. It should be noted, however, that in many of the larger cities increasing stringency of sanitary regulations has tended to reduce the number of cattle kept for dairy purposes, and also that in the larger cities the increased use of automobiles has tended to reduce the number of horses and other draft animals.

## DOMESTIC ANIMALS NOT ON FARMS—VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY

[See text with reference to date of enumeration.]

Table 3	DIVISION OR STATE.	VALUE OF ALL DOMESTIC ANIMALS: 1910	CATTLE.			HORSES.			MULES.		
			Number.		Value.	Number.		Value.	Number.		Value.
			1910	1900	1910	1910	1900	1910	1910	1900	1910
1	United States.....	\$538,361,526	1,878,782	1,816,423	\$69,816,261	3,182,789	2,936,881	\$422,204,333	270,371	173,908	\$38,374,534
GEOGRAPHIC DIVISIONS:											
2	New England.....	40,439,968	50,495	57,171	2,050,638	238,097	271,001	37,866,415	834	657	140,443
3	Middle Atlantic.....	121,903,902	153,719	173,305	6,919,042	620,990	609,383	110,424,383	25,127	20,919	3,910,140
4	East North Central.....	105,497,661	283,200	325,728	10,710,920	732,992	749,389	89,033,221	24,933	16,500	3,309,828
5	West North Central.....	84,646,348	317,753	342,163	11,120,990	571,221	572,384	65,775,493	31,064	25,376	4,467,994
6	South Atlantic.....	45,348,963	233,996	148,418	6,520,000	303,293	188,550	28,690,522	55,285	26,259	8,285,466
7	East South Central.....	33,796,963	258,464	174,616	7,475,455	143,383	119,172	18,400,120	45,229	29,600	6,617,499
8	West South Central.....	51,212,264	396,236	269,383	10,609,804	297,686	212,109	29,974,135	64,625	38,732	8,758,522
9	Mountain.....	22,162,408	96,917	56,637	3,396,552	161,211	108,036	16,372,221	9,401	5,969	1,285,061
10	Pacific.....	31,353,069	84,912	69,011	3,013,248	207,341	136,657	25,617,885	13,793	4,306	2,159,803
NEW ENGLAND:											
11	Maine.....	4,796,026	9,700	16,623	362,654	29,622	34,011	4,341,987	67	50	15,106
12	New Hampshire.....	2,884,475	4,473	5,079	166,658	18,101	22,367	2,363,802	45	30	5,500
13	Vermont.....	2,581,290	5,876	8,401	207,008	18,800	20,365	2,305,409	192	31	28,438
14	Massachusetts.....	20,482,394	19,596	18,451	875,189	115,116	133,619	19,423,642	271	490	44,778
15	Rhode Island.....	3,372,254	2,654	1,643	117,435	17,802	19,980	3,206,056	76	9	13,795
16	Connecticut.....	6,628,579	7,896	7,974	321,093	38,520	40,059	6,225,519	173	47	33,856
MIDDLE ATLANTIC:											
17	New York.....	63,722,021	47,508	55,856	2,017,616	303,256	305,957	60,371,030	3,490	1,866	726,716
18	New Jersey.....	17,823,864	14,612	17,405	680,897	66,384	83,191	16,476,601	1,519	1,213	259,491
19	Pennsylvania.....	40,658,017	91,669	100,345	3,220,629	227,350	220,285	33,576,752	20,118	12,200	1,929,933
EAST NORTH CENTRAL:											
20	Ohio.....	25,221,650	62,388	64,612	2,260,857	188,041	189,965	21,669,209	6,840	4,772	843,667
21	Indiana.....	16,697,433	54,157	62,619	2,144,220	130,632	128,229	13,445,162	5,710	4,423	709,369
22	Illinois.....	34,791,066	77,255	116,034	3,223,121	234,629	242,919	28,833,742	10,838	6,468	1,523,689
23	Michigan.....	16,700,343	47,385	49,292	1,745,203	100,238	102,539	13,660,289	700	389	103,514
24	Wisconsin.....	13,087,169	42,015	44,171	1,337,519	89,452	85,737	11,474,828	845	457	127,594
WEST NORTH CENTRAL:											
25	Minnesota.....	12,862,351	53,946	47,412	1,721,245	83,654	85,660	10,809,499	1,017	827	172,823
26	Iowa.....	17,929,667	61,705	70,880	2,299,133	123,570	154,775	14,628,589	2,472	1,909	472,190
27	Missouri.....	20,814,834	75,941	84,270	2,720,895	132,008	129,813	14,919,201	15,945	12,712	2,181,510
28	North Dakota.....	3,415,679	12,429	9,653	401,580	22,214	16,114	2,854,134	716	233	117,747
29	South Dakota.....	4,942,514	17,033	15,375	534,208	34,622	24,943	4,157,070	794	509	127,465
30	Nebraska.....	10,361,943	40,488	43,969	1,499,662	69,762	68,621	7,738,501	2,589	2,800	399,200
31	Kansas.....	14,319,390	56,211	61,664	2,043,766	105,531	92,956	10,648,437	6,946	4,023	964,659
SOUTH ATLANTIC:											
32	Delaware.....	1,213,301	1,172	1,240	43,647	7,219	6,702	1,092,074	333	297	51,180
33	Maryland.....	7,198,972	14,710	14,064	484,112	46,121	39,734	8,982,420	3,569	2,223	566,967
34	District of Columbia.....	1,786,985	629	615	27,332	11,604	11,699	1,588,340	1,154	276	167,553
35	Virginia.....	6,834,454	36,661	28,391	1,078,182	35,908	28,094	4,549,316	6,629	3,102	948,933
36	West Virginia.....	4,941,574	31,524	15,762	1,053,931	22,226	18,067	2,912,306	6,508	3,495	781,327
37	North Carolina.....	6,263,163	36,528	20,899	960,410	26,702	15,780	3,700,118	8,346	3,176	1,802,476
38	South Carolina.....	3,790,112	22,396	15,259	657,496	14,517	9,855	2,157,501	8,474	2,832	888,082
39	Georgia.....	9,162,242	63,172	37,886	1,530,692	31,528	21,104	4,701,251	15,556	7,600	2,663,081
40	Florida.....	4,130,160	27,204	14,302	648,604	14,073	7,585	2,036,166	7,606	3,258	1,364,227
EAST SOUTH CENTRAL:											
41	Kentucky.....	10,300,988	55,719	36,491	2,398,411	49,462	45,548	6,136,048	11,061	6,941	1,431,117
42	Tennessee.....	10,307,140	55,292	50,370	1,606,067	43,753	39,216	6,079,213	14,302	7,455	1,667,605
43	Alabama.....	7,483,063	75,297	49,736	1,730,548	26,965	18,673	3,454,633	12,907	7,362	2,028,359
44	Mississippi.....	5,675,772	72,166	38,019	1,740,429	23,203	15,733	2,710,226	6,959	3,622	990,418
WEST SOUTH CENTRAL:											
45	Arkansas.....	6,631,812	63,632	45,740	1,374,753	33,040	25,510	3,395,739	9,728	7,383	1,358,306
46	Louisiana.....	6,625,811	57,900	29,336	1,292,087	33,281	26,345	3,177,907	11,226	7,012	1,967,894
47	Oklahoma.....	11,085,338	72,980	1,26,802	1,971,439	77,822	135,823	7,691,073	11,606	5,027	1,511,603
48	Texas.....	26,269,303	204,814	167,415	5,971,525	133,513	124,431	15,509,356	30,975	19,370	3,990,539
MOUNTAIN:											
49	Montana.....	3,474,331	11,200	6,458	400,723	24,366	17,275	2,833,966	491	361	72,560
50	Idaho.....	3,058,357	10,040	5,683	357,699	20,620	12,208	2,612,517	670	807	110,680
51	Wyoming.....	1,488,409	4,336	2,686	160,415	10,484	9,371	1,145,358	728	820	114,059
52	Colorado.....	7,255,000	30,498	20,653	1,382,350	48,129	36,763	5,157,786	3,224	2,412	501,886
53	New Mexico.....	1,773,512	13,649	4,801	343,242	17,350	9,725	1,083,447	1,529	637	176,470
54	Arizona.....	1,562,564	8,629	2,238	203,017	15,031	6,390	1,121,618	1,321	731	165,976
55	Utah.....	2,667,162	16,459	12,931	481,140	18,287	13,002	1,865,927	488	161	59,901
56	Nevada.....	883,013	2,006	1,037	57,966	6,944	3,302	632,502	931	346	86,529
PACIFIC:											
57	Washington.....	7,558,077	21,730	19,121	820,626	44,617	22,459	6,350,366	1,804	407	289,192
58	Oregon.....	4,997,977	17,006	16,296	588,005	30,303	20,027	4,134,678	1,377	510	232,200
59	California.....	18,797,015	46,176	34,894	1,604,716	132,521	94,171	15,142,841	10,612	3,479	1,638,384

\* Includes Indian Territory.

LIVE STOCK ON FARMS AND ELSEWHERE.

CLASSES, IN 1910, WITH NUMBER OF EACH CLASS, IN 1910 AND 1900, BY DIVISIONS AND STATES.

[See text with reference to date of enumeration.]

Table 38—Continued.	ASSES AND BURROS.						SHEEP.				GOATS.			SWINE.																
	DIVISION OR STATE.						Number.		Value.		Number.		Value.		Number.		Value.													
	1910	1900	1910	1910	1900	1910	1910	1900	1910	1910	1900	1910	1910	1900	1910	1910	1900	1910												
	1910	1900	1910	1910	1900	1910	1910	1900	1910	1910	1900	1910	1910	1900	1910	1910	1900	1910												
1	<b>United States.....</b>																		15,002	15,847	\$1,701,388	390,887	231,301	\$1,822,943	114,070	78,383	\$365,749	1,287,960	1,818,114	\$10,078,280
<b>GEOGRAPHIC DIVISIONS:</b>																														
2	New England.....																		96	100	5,687	7,495	11,113	32,394	1,399	995	10,519	32,063	44,193	333,812
3	Middle Atlantic.....																		387	1,108	30,137	28,392	38,416	186,390	8,932	11,344	62,820	142,821	235,476	1,370,990
4	East North Central.....																		934	1,057	172,035	55,472	79,862	303,820	6,747	7,065	29,679	179,397	381,936	1,838,144
5	West North Central.....																		2,198	2,198	602,017	53,650	24,617	322,838	3,115	3,190	15,484	223,522	434,074	2,341,334
6	South Atlantic.....																		524	675	75,578	10,195	15,829	28,434	9,663	7,391	27,827	230,418	229,204	1,281,130
7	East South Central.....																		974	3,366	180,156	12,360	16,278	38,763	6,661	8,750	21,340	192,852	211,608	1,003,630
8	West South Central.....																		3,730	3,275	435,583	8,058	14,639	23,399	22,245	17,770	46,703	238,536	220,725	1,364,388
9	<b>Mountain.....</b>																		6,395	5,440	106,558	145,922	8,725	631,322	43,322	17,846	111,020	28,549	16,265	259,674
10	Pacific.....																		1,244	628	93,035	69,343	21,822	255,583	9,556	4,672	40,357	19,502	34,743	175,158
<b>NEW ENGLAND:</b>																														
11	Maine.....																		19	18	1,460	2,023	7,093	7,331	39	36	227	5,668	9,545	67,261
12	New Hampshire.....																		5	11	170	345	589	1,756	59	45	389	4,012	5,759	46,200
13	Vermont.....																		2	5	100	201	945	1,269	20	49	133	3,222	5,420	38,253
14	Massachusetts.....																		36	55	1,587	4,329	2,259	18,792	643	493	4,829	12,016	17,129	113,577
15	Rhode Island.....																		8	1	380	108	78	558	343	75	1,968	2,969	1,360	32,061
16	Connecticut.....																		26	18	1,960	489	149	2,688	205	237	2,973	3,882	4,890	36,460
<b>MIDDLE ATLANTIC:</b>																														
17	New York.....																		144	421	15,427	23,608	18,048	156,874	2,323	3,046	20,861	32,316	52,176	413,497
18	New Jersey.....																		55	78	2,898	207	10,301	3,040	2,111	1,750	16,303	9,264	25,954	84,425
19	Pennsylvania.....																		188	601	11,812	4,577	10,067	26,467	4,298	6,548	25,456	101,241	157,346	873,008
<b>EAST NORTH CENTRAL:</b>																														
20	Ohio.....																		139	212	14,294	8,868	9,393	38,505	1,134	1,149	6,302	47,125	97,226	408,306
21	Indiana.....																		243	226	33,466	5,633	6,309	25,647	922	797	3,434	36,549	77,395	316,136
22	Illinois.....																		412	429	94,263	31,069	54,891	191,308	1,900	2,981	10,253	70,934	166,914	914,090
23	Michigan.....																		74	89	6,001	6,453	5,474	32,231	2,116	603	6,128	13,894	22,908	144,846
24	Wisconsin.....																		66	101	4,011	3,449	3,795	16,129	675	1,522	3,012	10,856	27,463	104,006
<b>WEST NORTH CENTRAL:</b>																														
25	Minnesota.....																		100	55	20,608	2,162	4,128	10,487	373	288	2,076	10,365	17,845	125,603
26	Iowa.....																		199	608	52,227	1,206	2,857	7,154	417	807	1,857	45,427	128,138	538,407
27	Missouri.....																		710	658	191,447	17,850	8,707	106,615	1,422	988	5,191	78,557	109,678	686,954
28	North Dakota.....																		23	18	7,655	1,188	439	5,186	133	58	1,073	2,461	3,016	28,334
29	South Dakota.....																		65	43	18,533	884	428	5,023	105	54	563	7,426	9,952	89,622
30	Nebraska.....																		326	308	96,604	20,029	6,026	140,495	304	384	1,719	42,379	53,094	495,762
31	Kansas.....																		775	613	125,313	10,331	2,032	47,998	301	611	3,008	16,907	73,170	366,622
<b>SOUTH ATLANTIC:</b>																														
32	Delaware.....																		4	4	795	15	11	75	39	62	165	3,729	4,130	25,365
33	Maryland.....																		55	72	10,525	671	2,972	3,242	384	384	2,331	24,434	41,910	176,355
34	District of Columbia.....																		6	1	485	1	30	3	78	64	567	170	322	1,485
35	Virginia.....																		71	209	10,480	2,882	2,685	9,522	513	1,010	2,253	28,771	52,829	226,748
36	West Virginia.....																		50	68	8,739	1,358	1,836	5,133	255	672	1,542	25,408	22,185	178,015
37	North Carolina.....																		74	92	9,205	1,679	1,122	3,115	1,744	1,124	6,222	50,241	60,009	275,587
38	South Carolina.....																		54	54	5,836	369	522	1,100	1,044	681	3,144	13,017	12,030	75,953
39	Georgia.....																		162	126	25,380	2,914	5,782	5,409	2,257	2,046	7,376	52,562	40,157	239,054
40	Florida.....																		42	59	4,152	406	886	835	2,349	1,348	4,208	22,098	15,622	72,568
<b>EAST SOUTH CENTRAL:</b>																														
41	Kentucky.....																		245	379	47,585	1,954	3,489	8,626	997	636	3,651	40,117	54,452	285,550
42	Tennessee.....																		453	543	85,914	3,487	3,266	12,555	2,066	1,457	6,367	55,729	82,912	349,449
43	Alabama.....																		141	200	16,387	1,783	6,404	4,241	4,018	4,762	8,200	53,283	51,018	240,695
44	Mississippi.....																		135	244	30,270	5,136	3,119	13,371	1,770	1,935	8,122	43,723	23,186	187,936
<b>WEST SOUTH CENTRAL:</b>																														
45	Arkansas.....																		269	254	61,505	1,187	2,666	2,945	2,054	1,777	4,453	56,173	53,010	244,051
46	Louisiana.....																		112	270	8,974	2,602	2,099	6,003	3,775	2,091	8,824	40,564	24,392	164,212
47	Oklahoma.....																		671	1,305	172,460	201	1,378	796	1,485	1,825	5,254	48,464	130,056	332,713
48	Texas.....																		2,698	2,446	202,644	4,008	9,496	13,655	14,901	13,377	28,172	99,095	113,267	623,412
<b>MOUNTAIN:</b>																														
49	Montana.....																		22	17	8,155	33,579	97	128,146	60	10	402	2,538	933	30,379
50	Idaho.....																		41	229	8,234	7,874	1,044	42,047	94	19	820	2,851	3,497	26,300
51	Wyoming.....																		28	52	425	11,080	152	58,082	11	3	2,765	743	197	7,275
52	Colorado.....																		1,362	2,029	29,265	8,473	763	36,694	4,008	3,940	11,852	13,957	3,049	125,227
53	New Mexico.....																		1,662	1,567	18,454	29,938	3,060	74,817	24,410	12,216	61,626	2,312	1,440	15,786
54	Arizona.....																		2,678	1,466	27,270	1,131	123	2,487	12,779	1,591	29,783	1,304	712	15,083
55	Utah.....																		53	39	6,810	39,789	3,415	216,443	1,368	42	3,490	4,252	6,036	34,351
56	Nevada.....																		349	41	7,945	29,058	71	72,606	62	19	252	592	491	5,213
<b>PACIFIC:</b>																														
57	Washington.....																		114	23	32,105	2,957	1,115	17,431	789	132	3,694	4,274	5,569	44,763
58	Oregon.....																		73	45	15,816	1,755	2,476	5,580	1,684	334	4,034	3,060	5,135	27,634
59	California.....																		1,057	560	45,114	64,631	18,231	232,572	7,113	3,606	32,629	12,168	24,029	100,761

1 Includes Indian Territory.

## DOMESTIC ANIMALS ON FARMS AND NOT ON FARMS—VALUE OF DOMESTIC ANIMALS ON AND NOT ON

[See text with reference to date of enumeration.]

Table 39	DIVISION OR STATE.	VALUE OF ALL DOMESTIC ANIMALS: 1910	CATTLE.						HORSES.			MULES.		
			Number			Value.	Number.		Value.	Number.		Value.		
			1910	1900	1910	1910	1900	1910	1910	1900	1910	1910		
1	United States.....	\$5,296,421,619	63,682,648	69,335,832	\$1,560,339,868	23,015,902	21,203,901	\$2,506,782,538	4,480,140	3,438,523	\$564,766,397			
GEOGRAPHIC DIVISIONS:														
2	New England.....	132,902,281	1,387,045	1,663,786	44,291,487	592,792	656,697	\$1,924,941	2,563	2,062	423,421			
3	Middle Atlantic.....	452,117,315	4,386,240	4,906,525	144,604,295	1,856,676	1,922,820	\$270,535,680	77,543	71,459	11,606,450			
4	East North Central.....	1,940,933,904	10,102,297	10,858,042	282,655,046	5,134,434	4,871,543	\$78,573,706	284,356	232,038	34,713,847			
5	West North Central.....	1,600,364,249	17,965,467	20,431,252	460,774,897	7,305,413	6,244,392	\$189,287,782	745,986	561,493	95,012,349			
6	South Atlantic.....	396,677,021	5,073,317	4,580,168	96,059,538	1,315,115	1,229,620	\$150,049,647	804,542	581,388	116,524,796			
7	West South Central.....	389,840,929	4,200,960	3,843,137	82,876,734	1,287,982	1,305,211	\$136,471,419	1,049,033	880,411	131,736,037			
8	West North Central.....	628,138,956	11,120,338	14,471,525	213,849,304	2,646,715	2,450,833	\$212,992,353	1,351,003	977,579	154,108,160			
9	Mountain.....	405,434,549	6,157,642	5,972,536	149,666,101	1,588,268	1,432,612	\$128,978,449	58,448	32,798	6,512,505			
10	Pacific.....	259,992,417	3,289,312	2,608,861	85,562,466	1,228,507	1,089,867	\$127,579,073	105,666	99,305	14,138,332			
NEW ENGLAND:														
11	Maine.....	38,785,387	262,233	354,470	8,147,038	137,196	140,310	\$18,706,743	425	403	87,552			
12	New Hampshire.....	13,822,239	172,304	231,871	5,406,780	64,330	77,223	\$7,630,191	240	127	35,181			
13	Vermont.....	24,571,860	436,190	510,341	12,036,500	99,587	105,896	\$10,896,766	621	362	81,998			
14	Massachusetts.....	39,601,106	272,312	304,595	10,223,265	179,409	208,633	\$28,095,639	639	788	88,163			
15	Rhode Island.....	6,274,570	36,802	37,677	1,426,824	27,349	31,370	\$4,039,233	139	47	24,930			
16	Connecticut.....	19,756,919	203,214	225,032	7,051,380	84,861	93,235	\$11,964,919	599	325	105,577			
MIDDLE ATLANTIC:														
17	New York.....	238,282,679	2,470,511	2,661,944	85,079,858	894,264	934,375	\$140,414,332	7,542	5,179	1,377,213			
18	New Jersey.....	39,846,533	237,511	237,389	9,074,614	185,306	177,215	\$28,489,113	5,560	6,011	881,265			
19	Pennsylvania.....	173,955,393	1,678,218	1,997,192	50,450,423	777,106	811,236	\$101,632,241	64,441	60,369	9,347,972			
EAST NORTH CENTRAL:														
20	Ohio.....	212,744,974	1,890,995	2,117,925	53,644,198	1,098,265	1,068,170	\$120,579,847	29,690	21,543	3,619,498			
21	Indiana.....	182,564,611	1,417,173	1,737,097	41,254,718	934,276	879,944	\$100,563,630	87,878	71,140	10,387,736			
22	Illinois.....	331,410,219	2,517,832	3,219,044	76,677,866	1,087,516	1,593,138	\$192,197,142	138,671	131,112	19,664,024			
23	Michigan.....	147,446,691	1,545,208	1,425,700	42,245,521	710,271	699,098	\$4,972,754	4,400	3,296	599,339			
24	Wisconsin.....	167,737,490	2,722,089	2,338,276	68,832,743	704,166	641,493	\$80,060,333	3,717	4,497	443,660			
WEST NORTH CENTRAL:														
25	Minnesota.....	108,634,206	2,401,381	1,918,737	52,927,617	836,838	789,129	\$90,878,371	6,792	9,166	905,546			
26	Iowa.....	398,131,102	4,609,711	5,447,810	121,030,322	1,615,596	1,547,348	\$192,627,713	59,001	60,955	8,004,008			
27	Missouri.....	294,181,496	2,637,423	3,062,839	75,694,620	1,205,455	1,096,550	\$126,835,824	337,945	296,261	45,623,212			
28	North Dakota.....	110,176,960	736,191	667,087	18,112,978	672,818	376,092	\$6,315,873	8,411	4,115	1,266,778			
29	South Dakota.....	129,783,554	1,552,839	1,562,175	36,791,422	703,984	905,713	\$77,600,048	13,218	7,313	1,798,082			
30	Nebraska.....	228,210,993	2,972,838	3,290,242	74,543,719	1,078,140	1,063,039	\$110,563,408	86,254	57,394	10,773,276			
31	Kansas.....	290,245,811	3,135,014	4,552,642	82,601,169	1,852,887	1,072,651	\$123,468,545	215,355	122,729	26,023,477			
SOUTH ATLANTIC:														
32	Delaware.....	7,456,669	56,158	55,420	1,691,980	40,284	36,424	\$4,543,803	6,288	5,042	815,313			
33	Maryland.....	37,845,933	302,641	306,710	8,353,638	195,559	188,728	\$22,739,887	26,226	19,734	3,101,568			
34	District of Columbia.....	1,932,558	1,611	2,077	102,827	12,168	12,453	\$1,644,366	1,207	337	173,413			
35	Virginia.....	78,028,297	895,728	833,903	22,202,253	366,332	326,610	\$39,406,926	66,651	50,576	8,544,469			
36	West Virginia.....	46,200,010	631,812	635,544	16,914,695	202,247	203,285	\$21,495,687	18,225	14,849	2,121,687			
37	North Carolina.....	66,343,894	737,380	645,417	13,546,646	192,853	174,933	\$22,128,282	183,147	138,758	25,092,163			
38	South Carolina.....	47,580,255	412,278	358,157	7,745,755	94,364	88,274	\$12,204,079	100,645	120,201	24,719,443			
39	Georgia.....	37,290,340	1,143,488	937,377	15,501,650	151,595	148,511	\$18,895,000	310,904	214,921	46,627,692			
40	Florida.....	23,949,065	872,392	765,563	9,910,266	59,713	50,396	\$6,890,865	30,989	16,922	4,910,948			
EAST SOUTH CENTRAL:														
41	Kentucky.....	122,936,400	1,065,650	1,119,738	28,369,982	492,460	497,245	\$50,932,168	296,104	198,110	27,833,207			
42	Tennessee.....	116,915,262	1,031,821	962,553	22,296,785	308,462	391,604	\$45,399,257	260,157	264,248	37,298,245			
43	Alabama.....	71,067,737	1,067,725	849,470	15,200,174	162,601	171,318	\$17,106,917	260,053	199,452	33,605,576			
44	Mississippi.....	78,931,528	1,084,788	911,375	17,009,793	239,423	245,044	\$23,014,077	262,719	218,621	33,618,839			
WEST SOUTH CENTRAL:														
45	Arkansas.....	78,428,298	1,091,703	940,275	16,835,419	287,756	279,100	\$26,748,008	231,928	182,354	28,486,333			
46	Louisiana.....	49,940,549	862,695	699,631	12,897,441	244,567	220,717	\$14,807,602	143,780	150,982	17,992,766			
47	Oklahoma.....	160,338,321	2,026,549	3,236,008	45,159,040	820,811	957,153	\$71,742,754	268,762	117,662	32,199,827			
48	Texas.....	339,433,843	7,139,400	9,595,611	138,957,404	1,328,581	1,393,863	\$99,533,991	706,533	526,651	77,899,684			
MOUNTAIN:														
49	Montana.....	88,473,990	954,347	974,845	27,874,845	340,322	347,247	\$29,949,730	4,665	3,690	517,838			
50	Idaho.....	52,135,328	63,847	369,217	11,688,338	218,392	182,328	\$22,344,940	4,715	2,300	591,981			
51	Wyoming.....	66,872,968	771,963	698,070	22,837,802	166,546	144,914	\$13,372,196	2,773	2,047	362,621			
52	Colorado.....	76,095,545	1,158,285	1,433,971	32,409,633	342,164	273,309	\$32,540,712	18,063	9,196	2,300,431			
53	New Mexico.....	45,905,425	1,065,312	996,790	20,753,207	196,875	160,878	\$9,861,761	16,466	9,948	1,639,482			
54	Arizona.....	24,003,094	833,458	744,873	14,827,725	114,609	131,453	\$5,331,344	5,284	4,808	562,425			
55	Utah.....	30,997,377	424,793	356,621	9,496,842	133,963	128,896	\$11,864,562	2,765	2,277	217,308			
56	Nevada.....	19,954,822	451,687	386,249	9,824,689	75,397	83,597	\$4,222,904	3,717	3,132	320,329			
PACIFIC:														
57	Washington.....	54,928,852	423,850	414,099	13,613,991	325,199	266,444	\$5,061,215	13,969	3,697	2,065,489			
58	Oregon.....	63,241,898	742,201	715,544	18,155,060	309,911	307,959	\$29,305,821	11,304	7,956	1,418,013			
59	California.....	141,821,667	2,123,201	1,479,218	54,369,785	601,407	515,664	\$62,242,037	80,373	88,252	10,654,825			

1 Includes Indian Territory.

## LIVE STOCK ON FARMS AND ELSEWHERE.

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FARMS, BY CLASSES, IN 1910, WITH NUMBER OF EACH CLASS, IN 1910 AND 1900, BY DIVISIONS AND STATES.

[See text with reference to date of enumeration.]

Table 39—Continued.	ASSES AND BURROS.			SHEEP.			GOATS.			SWINE.			
	DIVISION OR STATE.		Value.	Number.		Value.	Number.		Value.	Number.		Value.	
	1910	1900		1910	1900		1910	1900		1910	1900		1910
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910		
1	United States.....	122,200	110,012	\$14,801,498	52,838,748	61,735,014	\$234,864,828	3,629,785	1,948,852	\$5,542,172	58,473,635	64,586,155	\$409,414,586
GEOGRAPHIC DIVISIONS:													
2	New England.....	243	288	18,510	438,167	933,671	1,879,191	4,594	3,114	28,945	428,705	406,392	4,336,296
3	Middle Atlantic.....	1,072	2,067	117,111	1,872,449	3,302,988	9,121,623	19,220	15,556	104,654	1,933,642	2,195,483	16,027,796
4	East North Central.....	6,390	5,367	1,130,733	9,507,706	11,296,135	39,313,650	41,806	32,591	140,450	1,640,605	1,639,187	10,620,622
5	West North Central.....	24,452	17,788	5,540,772	5,118,659	4,988,900	23,610,630	116,330	97,690	340,198	21,505,031	24,661,112	185,797,621
6	South Atlantic.....	3,897	2,976	549,756	2,523,748	2,714,744	9,114,181	230,764	212,680	253,585	6,194,338	5,791,966	24,115,488
7	East South Central.....	16,705	19,069	2,527,610	2,508,581	2,439,317	9,338,592	208,308	219,402	285,995	5,631,458	6,826,856	26,614,630
8	West South Central.....	38,510	25,629	3,576,926	2,201,715	2,469,073	7,349,657	1,298,476	749,551	2,765,759	7,269,781	6,623,204	33,996,365
9	Mountain.....	31,404	33,528	766,518	22,916,213	26,974,877	112,287,612	770,966	392,738	1,849,191	669,460	415,945	5,374,173
10	Pacific.....	4,557	3,320	673,532	5,661,510	6,555,339	22,749,692	342,001	225,630	763,485	1,209,765	1,096,010	8,525,837
NEW ENGLAND:													
11	Maine.....	41	66	5,188	208,457	427,209	821,307	621	315	2,404	92,824	88,363	1,015,355
12	New Hampshire.....	35	38	1,763	44,117	105,702	194,102	554	253	3,498	49,249	56,970	550,374
13	Vermont.....	24	30	2,138	118,752	297,521	540,260	281	151	1,166	98,343	100,510	1,013,082
14	Massachusetts.....	57	106	3,364	37,037	54,818	175,290	1,894	1,747	12,819	115,028	96,144	1,092,366
15	Rhode Island.....	19	6	1,010	6,897	11,285	33,195	349	98	2,690	17,007	12,866	156,708
16	Connecticut.....	67	42	5,047	22,907	37,136	115,037	895	550	5,738	36,254	51,337	509,201
MIDDLE ATLANTIC:													
17	New York.....	428	759	53,689	953,908	1,763,794	4,996,525	5,998	4,362	42,283	698,495	728,815	6,318,769
18	New Jersey.....	108	121	8,172	30,890	58,031	164,187	2,685	2,449	21,117	156,269	201,341	1,211,465
19	Pennsylvania.....	536	117	55,250	887,651	1,541,133	3,904,611	7,837	8,745	41,244	1,078,878	1,205,327	8,497,562
EAST NORTH CENTRAL:													
20	Ohio.....	627	462	75,854	3,918,030	4,030,021	14,979,895	6,513	6,581	24,695	3,132,752	3,285,789	19,820,996
21	Indiana.....	1,889	2,234	344,683	1,342,600	1,748,311	5,934,143	8,212	5,281	24,339	3,650,453	3,840,784	24,055,722
22	Illinois.....	3,275	2,968	662,447	1,000,915	1,085,472	5,033,044	14,335	11,861	48,817	4,737,335	6,082,342	37,124,869
23	Michigan.....	307	184	29,933	2,312,929	2,753,083	9,678,796	7,196	3,464	20,320	1,239,727	1,188,108	9,900,628
24	Wisconsin.....	262	229	17,806	933,232	1,679,248	6,685,781	5,550	5,404	22,270	2,820,974	3,174,807	18,721,807
WEST NORTH CENTRAL:													
25	Minnesota.....	319	216	43,465	639,744	594,006	2,703,921	4,961	4,109	20,556	1,530,622	1,438,651	14,054,730
26	Iowa.....	1,813	2,335	332,439	1,146,755	1,659,575	5,755,990	21,081	42,275	66,696	7,591,280	9,851,329	70,231,625
27	Missouri.....	13,387	9,435	3,245,330	1,820,118	1,095,920	7,995,359	73,837	25,475	192,600	4,516,751	4,684,342	32,624,527
28	North Dakota.....	156	114	30,570	294,559	682,301	1,262,893	1,207	1,180	1,661	334,064	194,814	3,181,243
29	South Dakota.....	398	238	10,151	612,148	775,664	3,007,061	2,442	2,969	11,985	1,107,147	832,253	10,486,745
30	Nebraska.....	2,444	1,040	544,239	313,529	517,299	1,627,443	3,594	2,783	13,074	3,478,103	4,221,094	30,145,274
31	Kansas.....	5,735	4,400	1,254,548	282,806	264,045	1,257,929	9,208	18,899	28,606	3,037,064	3,088,029	20,375,507
SOUTH ATLANTIC:													
32	Delaware.....	22	19	4,770	7,821	11,776	36,973	127	205	495	52,989	50,862	363,275
33	Maryland.....	156	141	45,975	327,808	194,076	1,146,207	1,566	1,563	7,446	326,007	359,812	1,942,212
34	District of Columbia.....	6	1	483	1	39	3	78	73	587	835	1,134	10,867
35	Virginia.....	854	621	132,134	807,755	695,614	3,309,548	7,840	6,315	30,739	836,406	999,272	4,402,428
36	West Virginia.....	216	174	34,276	911,718	970,679	3,406,034	6,003	1,519	22,224	333,594	405,029	2,265,407
37	North Carolina.....	1,091	917	141,759	216,062	305,063	502,332	30,793	44,025	49,261	1,277,866	1,340,478	4,913,633
38	South Carolina.....	465	301	68,747	37,928	73,060	82,462	26,764	37,267	30,871	678,228	631,025	2,628,297
39	Georgia.....	927	645	106,783	100,558	342,640	313,021	92,873	85,670	77,434	1,836,246	1,494,455	5,668,707
40	Florida.....	170	157	14,857	114,107	125,406	257,001	49,720	45,053	44,729	832,167	479,899	1,921,299
EAST SOUTH CENTRAL:													
41	Kentucky.....	4,922	5,698	895,861	1,364,967	1,300,832	5,582,624	30,776	12,603	65,316	1,331,933	2,008,989	9,237,242
42	Tennessee.....	8,442	9,395	1,160,980	798,520	499,277	3,021,721	45,826	27,341	89,033	1,443,667	2,059,806	7,679,071
43	Alabama.....	1,413	2,019	160,134	144,713	323,457	304,160	84,565	122,175	84,561	1,320,016	1,474,347	4,597,225
44	Mississippi.....	1,928	2,037	100,635	200,381	315,751	430,087	67,641	57,283	46,995	1,335,842	1,313,624	5,101,102
WEST SOUTH CENTRAL:													
45	Arkansas.....	3,367	2,733	521,243	145,376	259,595	330,029	69,278	53,616	89,291	1,575,120	1,766,217	5,414,675
46	Louisiana.....	643	953	79,200	180,889	221,943	349,049	60,877	40,326	66,178	1,368,169	1,815,817	3,988,388
47	Oklahoma.....	6,394	3,688	1,053,765	62,733	188,741	254,660	27,076	14,826	67,941	1,887,434	1,262,354	12,320,354
48	Texas.....	24,106	18,855	1,922,718	1,812,717	1,898,794	6,315,019	1,150,145	640,710	2,542,249	2,430,058	2,778,881	12,262,778
MOUNTAIN:													
49	Montana.....	182	145	63,236	5,414,325	6,170,580	29,156,215	5,103	1,723	22,813	101,799	50,429	889,248
50	Idaho.....	388	591	108,226	3,018,352	3,122,576	15,939,239	5,815	4,500	37,517	181,197	117,547	1,425,087
51	Wyoming.....	269	466	28,115	5,408,241	5,069,765	29,724,310	3,289	2,669	19,823	34,600	15,610	209,991
52	Colorado.....	4,595	7,542	165,997	1,434,667	2,045,577	6,892,881	33,619	41,739	92,496	160,261	104,245	1,935,385
53	New Mexico.....	13,514	17,469	181,485	3,370,922	4,902,547	12,146,524	436,420	236,322	1,001,238	47,721	21,866	291,637
54	Arizona.....	9,982	6,091	100,362	1,272,864	924,884	4,403,331	239,396	99,994	585,110	18,512	18,513	128,797
55	Utah.....	1,213	927	75,056	1,866,999	3,821,838	8,851,178	39,382	1,469	79,037	68,538	71,768	480,004
56	Nevada.....	1,261	207	43,940	1,174,833	887,110	5,173,994	4,911	4,629	11,962	23,252	15,665	157,064
PACIFIC:													
57	Washington.....	287	183	114,510	478,512	930,988	1,948,601	9,410	3,068	35,356	210,409	187,104	1,719,690
58	Oregon.....	621	350	166,983	2,700,890	3,042,767	12,219,522	187,095	109,995	374,471	220,637	286,541	1,998,583
59	California.....	3,649	2,787	392,429	2,482,108	2,581,584	8,581,569	145,526	112,627	353,458	778,710	622,365	5,207,564

1 Includes Indian Territory.

## ABSTRACT OF THE CENSUS—AGRICULTURE.

## DOMESTIC ANIMALS ON FARMS AND NOT ON FARMS.

The table presented on the two preceding pages shows, by geographic divisions and states, the combined number of domestic animals both on farms and not on farms for 1910 and 1900, respectively, and also the value for 1910. The following statement compares, for the United States as a whole, the data with regard to domestic animals on farms with those for animals not on farms:

Table 40	All domestic animals.	All cattle.	Dairy cows.	HORSES, MULES, AND ASSES AND BURROS.				Swine.	Sheep.	Goats.
				Total.	Horses.	Mules.	Asses and burros.			
<b>1910—Number:</b>										
Total.....		63,692,648	21,795,770	27,618,242	20,015,902	4,480,140	122,200	59,473,636	52,838,748	3,629,795
On farms.....		61,993,866	20,626,432	24,148,580	19,533,113	4,209,769	105,698	58,185,676	52,447,861	2,915,126
Not on farms.....		1,698,782	1,170,338	3,469,662	3,182,789	270,371	16,502	1,287,960	390,887	714,670
<b>1900—Number:</b>										
Total.....		69,336,832	18,108,666	24,752,436	21,293,901	3,438,523	110,012	64,686,155	61,735,014	1,948,952
On farms.....		67,719,410	17,135,633	21,625,809	18,297,020	3,264,615	94,165	62,868,041	61,503,713	1,879,599
Not on farms.....		1,616,422	973,033	3,126,626	2,596,881	173,908	15,847	1,818,114	231,301	78,353
<b>Increase, 1900-1910:</b>										
Total.....										
Number.....		-6,663,184	3,687,104	2,865,906	1,812,001	1,041,617	12,138	-5,212,510	-8,896,266	1,080,843
Per cent.....		-8.2	20.4	11.6	8.5	30.3	11.1	-8.1	-14.4	55.5
On farms.....										
Number.....		-5,915,544	3,489,799	2,522,780	1,590,993	945,154	11,533	-4,682,365	-9,055,852	1,044,526
Per cent.....		-8.7	20.4	11.7	8.6	29.0	12.2	-7.4	-14.7	56.8
Not on farms.....										
Number.....		262,360	197,305	343,026	248,908	96,463	655	-530,154	159,556	36,317
Per cent.....		16.2	20.3	11.0	8.4	55.5	4.1	-29.2	69.0	46.4
<b>Per cent of total, 1910:</b>										
On farms.....		97.0	94.6	87.4	86.2	94.0	86.5	97.8	99.3	96.2
Not on farms.....		3.0	5.4	12.6	13.8	6.0	13.5	2.2	0.7	3.8
<b>Value, 1910:</b>										
Total.....	\$1,296,421,619	\$1,560,339,868	\$753,237,930	\$3,085,460,483	\$2,505,792,588	\$564,796,397	\$14,901,498	\$109,414,568	\$234,664,528	\$6,542,172
On farms.....	\$4,760,069,093	\$1,499,523,697	\$796,236,397	\$2,622,180,170	\$2,081,588,198	\$526,391,863	\$18,200,112	\$399,338,308	\$232,841,585	\$6,176,423
Not on farms.....	\$536,361,526	\$60,816,261	\$47,001,633	\$463,280,313	\$422,204,390	\$39,404,534	\$1,701,386	\$10,076,260	\$1,822,943	\$365,749
<b>Average value per head, 1910:</b>										
Total.....		\$24.90	\$33.85	\$111.72	\$108.57	\$126.06	\$121.94	\$6.88	\$4.44	\$2.16
On farms.....		\$21.26	\$34.24	\$108.59	\$103.06	\$124.50	\$124.59	\$6.86	\$4.44	\$2.12
Not on farms.....		\$32.37	\$40.16	\$133.52	\$132.65	\$145.63	\$103.10	\$7.82	\$4.66	\$3.10
<b>Farms and inclosures reporting:</b>										
Total.....	8,048,346	6,184,262	6,008,095	.....	6,085,558	1,943,671	52,143	4,699,657	617,074	106,500
Farms.....	6,634,783	5,284,916	5,140,869	.....	4,662,814	1,869,065	43,927	4,351,751	616,894	82,755
Burros, and other inclosures not on farms.....	2,013,563	899,346	867,226	.....	1,392,771	74,666	8,216	347,936	6,180	23,745

<sup>1</sup> A minus sign (-) denotes decrease.

It will be seen that in 1910 the total value of domestic animals, both on farms and not on farms, was \$5,296,422,000, of which domestic animals not on farms contributed \$536,362,000, or a little over one-tenth. Of the total number of horses, mules, and asses and burros in the country those not on farms constituted 12.6 per cent, while the corresponding proportion for cattle was only 3 per cent, for swine only 2.2 per cent, and for sheep only seven-tenths of 1 per cent. Of the cattle not on farms about three-fifths were dairy cows.

Between 1900 and 1910 there was an increase of 16.2 per cent in the number of cattle not on farms, as

against a decrease in those on farms. The rate of increase in the number of horses, mules, and asses and burros taken together was nearly the same for those not on farms as for those on farms. The changes in the number of swine and sheep not on farms have probably little significance.

For every class of animals, except the unimportant class of asses and burros, the average value per head in 1910 was higher in the case of those not on farms than in the case of those on farms. This is due in part to the fact that a relatively larger proportion of the animals not on farms are of adult age than in the case of those on farms.

## CHAPTER 12.

### LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.

**Introduction.**—This chapter summarizes the data collected by the Thirteenth Decennial Census for dairy products, wool and mohair, poultry and eggs, honey and wax, and domestic animals sold or slaughtered on farms. The returns for these items at the census of 1910, like those for crops, relate to the activities of the calendar year 1909.

It is impossible to give a total representing the value of the annual production of live stock products, for the reason that the total value of products of the

business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. And even if a total representing the value of the annual production of live stock products could be obtained and were added to the value of all crops (data for which are presented in Chapter 13), the sum would not accurately represent the total value of farm products for the year, because much duplication would result from the fact that part of the crops are fed to the live stock.

#### DAIRY PRODUCTS.

**United States as a whole: 1909 and 1899.**—The census statistics of dairy products are somewhat less complete and accurate than is believed to be the case with the statistics of the principal crops. While many farms make the dairy business the main or an important feature of their operations, yet for the great majority it is more or less incidental, cows being kept chiefly for breeding purposes or to supply milk and butter for the farmer's family. On such farms in particular, records of dairy products are seldom kept, and farmers are usually able to make only rough estimates regarding them, and in many cases are unwilling to make any estimates at all. Especial difficulty is encountered in securing reports of the total quantity of milk produced. In many instances, even when farmers make replies to all the inquiries, it is probable that they understate the production, particularly by neglecting or underestimating the home consumption of milk and other dairy products.

The incompleteness of the returns is indicated by the fact that, while there were 5,140,869 farms in the United States for which the enumerators reported dairy cows on April 15, 1910, for only 4,413,333 of these farms were dairy products of any kind reported as produced in 1909, and for only 402,460 was the quantity of milk produced in 1909 stated. The total number of dairy cows on farms April 15, 1910, was reported as 20,625,000, while the number on farms which reported the production of any kind of dairy products in 1909 was 18,746,000, or 90.9 per cent of the total number, and the number on farms which reported the production of milk in 1909 was 16,069,000, or 77.9 per cent of the total. In considering these figures, however, it should be borne in mind that there is no precise distinction between dairy cows and cows

not kept for their milk. In a considerable number of cases enumerators probably reported as dairy cows animals which in fact were primarily kept for breeding purposes and which were only milked for short periods, if at all, during the preceding year.

Because of this indefiniteness in the returns for dairy cows it has not been considered desirable to make estimates of the production of milk or other dairy products on farms which reported dairy cows but failed to report the quantity of milk produced or failed to report dairy products of any kind. At the Twelfth Census estimates of this character were made to a considerable extent, and for this reason the statistics published for that census are not closely comparable with those for the Thirteenth Census. The statistics of butter and cheese for the two censuses are, however, more nearly comparable than those for milk.

Table 1, on page 344, shows, for the United States, data regarding dairy products in 1909, as reported by the enumerators, together with certain items for 1899, as published in the reports of the Twelfth Census.

The total quantity of milk reported as produced on farms in 1909 was 5,814,000,000 gallons. There were, on April 15, 1910, 16,069,000 dairy cows on the farms reporting this milk. Assuming that there were the same number of cows in 1909, the average production of milk per cow would be 362 gallons.

The total value of dairy products of farms in 1909, exclusive of milk and cream consumed on the farm, was reported as \$596,413,000. This represents the sum of the receipts from the sale of milk, cream, and butter fat (amounting in all to \$372,403,000), and the value of all butter and cheese produced on farms, whether sold or retained for home use (amounting to \$224,010,000).

Table 1	FARMS REPORTING.			VALUE.	
	Number.	Per cent of all farms.	Number or quantity.	Unit.	Average per unit.
Dairy cows on farms April 15, 1910.....	5,140,869	80.8	20,025,432		
On farms reporting dairy products in 1909.....	4,413,333	69.4	18,745,662		
On farms reporting milk produced in 1909.....	4,021,460	63.2	16,069,298		
Specified dairy products of farms, 1909:					
Milk reported.....			5,813,696,474	Gals.	
Butter made.....	3,787,749	59.5	694,050,610	Lbs.	822,861,440 50.22
Cheese made.....	12,054	0.2	9,405,864	Lbs.	1,148,708 0.12
Milk sold.....	493,916	7.8	1,937,255,864	Gals.	252,435,757 0.13
Cream sold.....	164,117	2.6	54,933,383	Gals.	37,655,047 0.69
Butter fat sold <sup>1</sup> .....	361,126	5.7	305,667,387	Lbs.	82,311,511 0.27
Butter sold.....	1,785,468	28.1	415,080,489	Lbs.	100,378,123 0.24
Cheese sold.....	6,019	0.1	8,136,901	Lbs.	987,974 0.12
Total receipts from sales, 1909.....					473,769,412
Specified dairy products of farms, 1899:					
Butter made.....	3,617,366	63.0	1,071,626,056	Lbs.	
Cheese made.....	15,969	0.3	16,372,318	Lbs.	
Butter sold.....			318,082,707	Lbs.	86,570,973 0.17
Cheese sold.....			14,662,542	Lbs.	1,342,444 0.09
Butter and cheese made in factories:					
Butter—1909.....			624,764,653	Lbs.	179,510,619 0.29
1899.....			420,129,546	Lbs.	84,079,754 0.20
Cheese—1909 <sup>2</sup> .....			311,126,317	Lbs.	43,239,924 0.14
1899.....			281,972,324	Lbs.	26,319,826 0.09
Total production of butter and cheese.....					
Butter—1909 <sup>3</sup> .....			1,619,415,263	Lbs.	402,372,039 0.25
1899.....			1,491,752,662	Lbs.	348,311,511 0.23
Cheese—1909 <sup>3</sup> .....			520,552,381	Lbs.	14,388,632 0.14
1899.....			298,344,632	Lbs.	

<sup>1</sup> While butter fat does not constitute a separate product, large quantities of cream and milk are sold on the basis of a specified price per pound for the butter fat which they contain; hence it is proper to speak of the quantity of butter fat sold.

<sup>2</sup> In addition, 2,381,212 pounds of butter, valued at \$664,171, and 49,413 pounds of part-cream cheese, valued at \$3,716, were produced by establishments engaged in the manufacture of products other than those covered by creameries and cheese factories.

The census schedules did not call for the combined value of all dairy products as one item, nor did they call for the total value of milk produced. It would be a true total for the value of dairy products, it would be necessary to ascertain the value of milk, cream, butter, and cheese consumed on the farm, including milk fed to animals, and to add to this the reported value of products sold. In the belief that no satisfactory results could be secured from such an inquiry, the census schedules did not call for the value of milk and cream consumed on the farm, and it has not been considered feasible to estimate this value from the other data reported. Such estimates were made at the Twelfth Census, but they can not be considered as more than very rough approximations.

The total reported value of dairy products sold in 1909 was \$473,769,000, of which the value of milk, cream, and butter fat sold represented nearly four-fifths and that of butter most of the remainder. The quantity of milk sold as such was reported as 1,937,000,000 gallons, or substantially one-third of the total reported as produced; but it should be borne in

mind that a great deal of milk sold or delivered to creameries for butter making is paid for on the basis of the cream or butter fat content, in which case the quantity of such cream or butter fat was usually reported on the census schedules and not the quantity of milk. The greater part of the milk reported as sold was doubtless consumed as such, chiefly in cities and villages, but a considerable quantity represents milk delivered to condensed-milk and cheese factories, and a small part represents milk which was delivered to creameries for the production of butter and reported as milk instead of on the basis of the cream or butter fat content.

The reported farm production of butter and of cheese in 1909—994,651,000 pounds and 9,406,000 pounds, respectively—was considerably less than the production for the year 1899 as given in the published reports of the Twelfth Census, but this difference is doubtless due in part to the fact that the latter included some estimates for farms with incomplete reports. The manufacture of butter and cheese is, however, gradually being transferred from farms to factories. The combined farm and factory production of butter was 1,619,415,000 pounds in 1909 and 1,491,753,000 pounds in 1899. The increase during the decade was thus 127,663,000 pounds, or 8.6 per cent. The factory production alone increased 48.7 per cent. Of the total product, that made in factories constituted 38.6 per cent in 1909 and 28.2 per cent in 1899.

The production of cheese on farms and in factories was 320,532,000 pounds in 1909, as compared with 298,345,000 pounds in 1899, an increase of 7.4 per cent. At both censuses much the greater part of the cheese was made in factories, but the proportion in 1909 (97.1 per cent) was higher than that in 1899 (94.5 per cent).

**Production of dairy products, by divisions and states.**—Table 2 shows, by geographic divisions, the total number of farms reporting dairy cows, the number reporting dairy products, and the number reporting the quantity of milk produced, with the number of dairy cows reported by the farms of each class. Dairy products and milk production appear to have been much more completely reported in some divisions than in others. In the New England division, for example, the number of farms reporting dairy products was 91.9 per cent of the number reporting dairy cows, and the number reporting the quantity of milk produced, 83.6 per cent, while in the Mountain division the number of farms reporting dairy products was only 70.9 per cent of the number reporting dairy cows, and the number reporting the quantity of milk produced, 63.8 per cent. In general, it may be said that the reports of dairy products for the four northern divisions appear to be more complete than those for the other divisions, the deficiency being greatest in those divisions where cows not kept for dairy purposes considerably outnumber the dairy cows.

Table 2  
DAIRY COWS ON FARMS APRIL 15, 1910

DIVISION.	Total.		On farms reporting dairy products in 1909.		On farms reporting milk produced in 1909.	
	Farms reporting.	Number of cows.	Farms reporting.	Number of cows.	Farms reporting.	Number of cows.
United States.....	5,140,869	20,625,432	4,413,333	18,745,852	4,021,460	16,069,298
New England.....	147,028	841,698	135,180	806,953	122,881	750,620
Middle Atlantic.....	400,473	2,597,652	398,336	2,474,485	308,042	2,043,586
East North Central.....	1,069,479	4,829,527	924,481	4,380,322	808,709	3,817,196
West North Central.....	688,133	5,327,694	859,550	4,890,952	720,153	5,894,317
South Atlantic.....	794,716	1,810,754	658,607	1,557,133	635,948	1,464,875
East South Central.....	815,423	1,628,001	692,436	1,421,785	683,239	1,391,307
West South Central.....	724,496	2,249,553	673,644	1,889,495	559,053	1,792,126
Mountain.....	120,328	514,496	85,315	401,543	76,759	345,694
Pacific.....	139,821	826,115	169,857	723,691	97,783	591,377

Table 3 shows statistics of the production of dairy products on farms, by geographic divisions.

The distribution of the farm production of dairy products among the geographic divisions naturally conforms more or less closely to the distribution of the number of dairy cows, but the correspondence is by no means exact. The imperfections of the reports, both as to the number of dairy cows and as to the quantity of dairy products, especially milk produced, renders close comparison impossible.

Of the total value of dairy products in 1909 (excluding the value of milk and cream consumed on the farm

where produced), the East North Central division reported \$159,674,000, or 26.8 per cent, the Middle Atlantic division \$130,773,000, or 21.9 per cent, and the West North Central division \$108,825,000, or 18.2 per cent, these three divisions together reporting over two-thirds of the total. It is probable, however, that the relative importance of the home consumption of milk and cream is considerably greater in the South and somewhat greater in the West than it is in the North, and that if the value of all dairy products, including such consumption, could be accurately computed, the southern and western divisions would show somewhat larger percentages of the aggregate for the United States than appear in Table 3.

Because of the considerable degree of incomparability between the reports of the number of dairy cows and those of milk production, the average quantity of milk per cow is not presented for divisions or states. According to the figures reported, the average production per cow (based on the number of dairy cows in 1910 on farms reporting milk produced in 1909 and the quantity of milk produced in 1909) was very much greater in the New England, Middle Atlantic, East North Central, and Pacific divisions than in any of the others. This doubtless conforms approximately to the facts.

Table 3

DIVISION.	Total value of dairy products of farms <sup>1</sup> 1909	Milk reported (gal- lons) 1909	BUTTER MADE ON FARMS.		CHEESE MADE ON FARMS.		PER CENT OF TOTAL.				
			Quantity (pounds).		Quantity (pounds).		Number of dairy cows on farms April 15, 1910	Total value of dairy products <sup>1</sup> 1909	Milk produced on farms April 15, 1910		
			1909	1899	1909	1899					
			Value 1909	Value 1909	Value 1909	Value 1909					
United States.....	\$596,415,463	5,813,899,474	994,950,610	1,071,928,556	\$222,861,440	9,405,864	16,372,318	\$1,148,708	100.0	100.0	100.0
New England.....	57,207,756	477,872,803	46,722,783	51,454,427	11,704,089	672,865	1,071,133	89,749	4.1	8.3	6.0
Middle Atlantic.....	130,772,563	1,004,269,989	88,242,228	154,829,824	22,996,544	1,919,549	3,406,996	194,472	12.6	21.9	17.2
East North Central.....	139,673,557	2,964,288,969	230,956,876	287,878,290	53,108,927	1,891,208	3,636,013	215,395	23.4	26.8	26.9
West North Central.....	108,824,833	1,296,991,630	201,117,278	251,226,460	44,748,954	473,196	1,654,109	56,999	23.8	18.2	21.8
South Atlantic.....	35,578,455	418,843,354	123,270,552	89,111,226	26,054,617	490,805	480,448	51,024	8.8	6.0	7.2
East South Central.....	30,200,917	400,476,325	186,239,873	97,541,277	25,739,427	83,971	137,327	9,703	7.9	3.1	6.9
West South Central.....	32,394,027	416,401,603	128,188,799	85,362,053	25,838,128	424,682	330,113	44,597	10.9	5.4	7.2
Mountain.....	12,991,603	116,468,996	18,115,811	14,869,383	4,992,172	457,730	720,596	70,897	2.5	2.2	2.0
Pacific.....	35,257,042	281,991,588	27,721,410	30,332,916	7,678,172	3,060,048	4,884,513	413,432	4.0	5.9	4.8

<sup>1</sup> Excluding milk and cream used on the farms producing.

Table 4, on the next page, shows the production of butter and cheese on farms and in factories, by geographic divisions, and Table 5 shows the percentage of the respective totals reported for each division.

In 1909 the production in factories formed 67.3 per cent of the total production of butter in the Pacific division and 54.8 per cent in the West North Central division, while in the three southern divisions taken together it represented only 2.3 per cent. In the other four divisions less butter was made in factories than on farms, but there was no such great difference as in the South. Of the total production of butter on farms and in factories in 1909, the West North Central division reported 27.5 per cent and the East North Central 26.2 per cent, the production in the Middle Atlantic division, which ranked next, constituting only 10.2 per cent of the total.

While the butter production is very widely distributed, cheese is produced only to a limited extent outside of two divisions. The East North Central division in 1909 produced 56.3 per cent of the total farm and factory output, and the Middle Atlantic 36.9 per cent. In fact, as shown by Table 10, two states, Wisconsin and New York, produced about four-fifths of the total. The quantity of butter made on farms was less in 1909 than in 1899 in the four geographic divisions of the North, and also in the Pacific division, but in all of these divisions, except the Middle Atlantic and the New England, the factory production was decidedly greater in the later year than in the earlier. In the three southern divisions, where practically all the butter is still made on farms, there was an increase in farm production between 1899 and 1909, the percentage of increase for the three divisions taken together being 41.

DIVISION.	BUTTER PRODUCTION (POUNDS).				CHEESE PRODUCTION (POUNDS).				PER CENT OF TOTAL.				
	1909		1899		1909		1899		Butter.		Cheese.		
	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	1909	1899	1909	1899	
<b>United States:</b>													
Total <sup>1</sup> .....	1,619,416,263	491,792,802	127,662,661	8.6	320,633,181	298,344,642	22,187,539	7.4	108.0	106.0	106.0	106.0	
Made on farms.....	934,630,610	1,371,626,056	78,373,446	-7.2	9,468,864	16,326,318	4,966,454	-42.6	61.4	71.5	2.9	15.5	
Made in factories*.....	624,784,653	420,126,946	204,638,107	48.7	311,126,317	281,972,324	29,151,993	10.3	38.6	28.2	97.1	94.5	
<b>NEW ENGLAND:</b>													
Total.....	(?)	92,082,196	(?)	(?)	3,676,699	6,958,700	-3,282,091	-47.2	(?)	100.0	100.0	100.0	
Made on farms.....	40,732,783	51,454,627	-10,721,844	-20.8	673,965	1,003,103	-329,238	-32.8	(?)	35.9	18.2	11.4	
Made in factories.....	(?)	40,527,569	(?)	(?)	3,002,734	5,955,597	-2,952,859	-49.6	(?)	44.1	81.7	85.6	
<b>MIDDLE ATLANTIC:</b>													
Total.....	165,392,518	223,996,350	-68,593,832	-29.3	118,339,484	141,259,571	-22,920,087	-16.2	100.0	100.0	100.0	100.0	
Made on farms.....	88,349,228	154,529,824	-66,587,596	-43.0	1,910,540	3,006,096	-1,095,556	-45.2	52.4	66.2	1.6	2.5	
Made in factories.....	77,150,290	79,156,526	-2,006,236	-2.5	116,428,935	137,733,475	-21,324,540	-15.5	46.6	33.8	98.4	97.5	
<b>EAST NORTH CENTRAL:</b>													
Total.....	424,137,997	403,208,930	20,929,067	5.2	180,423,449	120,279,089	60,144,360	50.0	100.0	100.0	100.0	100.0	
Made on farms.....	230,966,576	287,878,290	-56,911,614	-19.8	1,891,208	3,636,013	-1,744,805	-48.0	54.5	71.4	1.0	3.0	
Made in factories.....	193,171,421	115,330,640	77,840,781	67.5	178,532,241	116,643,076	61,889,165	53.1	45.5	28.6	99.0	97.0	
<b>WEST NORTH CENTRAL:</b>													
Total.....	444,724,294	407,622,767	37,091,437	9.1	(?)	13,667,094	(?)	(?)	100.0	100.0	(?)	100.0	
Made on farms.....	201,172,470	251,226,469	-50,054,182	-19.9	3,470,196	1,894,169	-1,576,027	-71.9	(?)	(?)	(?)	(?)	
Made in factories.....	243,551,826	156,406,307	87,145,619	55.7	(?)	11,862,925	(?)	(?)	54.8	38.4	(?)	87.7	
<b>SOUTH ATLANTIC:</b>													
Total.....	(?)	92,883,312	(?)	(?)	(?)	583,308	(?)	(?)	(?)	100.0	(?)	100.0	
Made on farms.....	123,270,552	89,111,226	34,159,326	38.3	480,805	490,448	(?)	0.1	(?)	95.9	(?)	81.0	
Made in factories.....	(?)	3,772,086	(?)	(?)	(?)	112,860	(?)	357	(?)	4.1	(?)	19.0	
<b>EAST SOUTH CENTRAL:</b>													
Total.....	(?)	(?)	(?)	(?)	(?)	93,971	(?)	(?)	(?)	(?)	100.0	(?)	
Made on farms.....	136,259,873	97,541,277	38,698,596	39.7	(?)	93,971	(?)	(?)	(?)	(?)	100.0	(?)	
Made in factories.....	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	
<b>WEST SOUTH CENTRAL:</b>													
Total.....	(?)	88,856,542	(?)	(?)	(?)	473,381	(?)	(?)	(?)	100.0	(?)	100.0	
Made on farms.....	128,188,790	88,282,053	39,806,716	45.0	(?)	424,482	(?)	(?)	(?)	99.5	(?)	71.0	
Made in factories.....	(?)	474,489	(?)	(?)	(?)	137,268	(?)	(?)	(?)	0.5	(?)	29.0	
<b>MOUNTAIN:</b>													
Total.....	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	
Made on farms.....	18,115,811	14,869,383	3,246,428	21.8	(?)	457,740	(?)	(?)	(?)	(?)	(?)	(?)	
Made in factories.....	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	
<b>PACIFIC:</b>													
Total.....	84,780,111	54,663,831	30,126,280	55.1	9,238,931	10,222,747	-1,013,816	-9.9	190.0	100.0	100.0	102.0	
Made on farms.....	3,700,948	1,894,169	-1,806,779	-23.4	3,800,948	1,894,169	-1,886,465	-32.7	100.0	61.6	32.1	12.2	
Made in factories.....	57,068,701	18,320,915	38,727,796	211.4	6,206,883	5,344,234	854,649	16.0	67.3	33.5	67.4	52.4	

\* See footnote 2, Table 1, p. 344.

<sup>1</sup> A minus sign (-) denotes decrease.<sup>2</sup> Can not be shown separately, as to do so would disclose individual operations.

Table 5 PER CENT OF UNITED STATES TOTAL.

DIVISION.	Butter.						Cheese.					
	Total.		Made on farms.		Made in factories.		Total.		Made on farms.		Made in factories.	
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
<b>United States.....</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	(?)	6.2	4.1	4.8	(?)	9.7	1.1	2.1	7.2	1.0	20.3	37.4
Middle Atlantic.....	10.2	15.7	8.9	14.4	12.3	18.8	36.9	47.3	20.3	27.4	20.3	27.4
East North Central.....	26.2	27.0	23.2	26.9	30.9	27.5	56.3	40.2	26.1	37.4	26.1	37.4
West North Central.....	27.5	27.5	23.2	23.4	29.0	37.2	(?)	4.6	5.0	(?)	(?)	(?)
South Atlantic.....	(?)	6.2	12.4	8.2	(?)	0.9	(?)	0.2	5.1	(?)	(?)	(?)
East South Central.....	(?)	(?)	13.7	9.1	(?)	(?)	(?)	(?)	1.0	(?)	(?)	(?)
West South Central.....	(?)	6.0	12.9	11.4	(?)	0.1	(?)	0.5	4.9	(?)	(?)	(?)
Mountain.....	(?)	(?)	1.8	1.4	(?)	(?)	(?)	(?)	4.9	(?)	(?)	(?)
Pacific.....	5.2	3.7	2.8	3.4	9.1	4.4	2.9	3.4	31.9	2.0	(?)	(?)

<sup>1</sup> Can not be shown separately, as to do so would disclose individual operations.  
<sup>2</sup> Less than one-tenth of 1 per cent.

Tables 9 and 10, on subsequent pages show, by states, statistics of the dairy products of farms, and the quantity of butter and cheese made in factories, with the total made on farms and in factories. In 1909 the leading dairy states, as judged by the total value of the farm production (excluding milk and cream used at home), were New York, Wisconsin, Pennsylvania, Illinois, Iowa, Ohio, Minnesota, Michigan, and California, in each of which the value reported exceeded \$20,000,000. In the production of butter (on farms and in factories combined) Wisconsin was the leading state, followed by Iowa, Minnesota, Pennsylvania, Michigan, Ohio, Illinois, and New York. A large part

of the milk produced in New York is sold for consumption in the cities, and a large proportion is also used in making cheese. New York ranked next to Wisconsin in the production of cheese, and in no other state did the quantity produced equal one-seventh of that reported for New York. In the combined production of butter and cheese Wisconsin led, with 279,992,000 pounds, followed by New York, with 174,944,000 pounds.

Sales of dairy products, by divisions and states.—Table 6 shows, by geographic divisions, the quantity and value of dairy products sold by farmers. Sales of butter and cheese by factories are not shown, as they are substantially the same as the production.

Comparisons between divisions as to the percentage which milk sold as such—which does not include milk paid for on the basis of cream or butter fat content—forms of the total milk produced would have comparatively little significance. As shown by the percentages in Table 6, there are wide differences among the geographic divisions with respect to the ratio which the quantity of butter and, to a less degree, of cheese, sold bears to the total production. In the North and West a large proportion of the butter made on farms is sold, the percentages in 1909 ranging from 42.2 in the Mountain division to 72.5 in New England. In the South a much smaller proportion is sold, the percentages ranging from 16.7 in the East South Central division to 27.5 in the South Atlantic. In a majority

Table 6 DIVISION.	Amount received from sales of dairy products by farmers: 1909	Milk sold (gallons): 1909	Cream sold (gallons): 1909	Butter fat sold (pounds): 1909	BUTTER SOLD BY FARMERS (POUNDS).		CHEESE SOLD BY FARMERS (POUNDS).		RATIO OF SALES TO TOTAL PRODUCTION (PER CENT).			
					1909	1909	1909	1909	Butter.		Cheese.	
					1909	1909	1909	1909	1909	1899	1909	1899
<b>United States:</b> Quantity sold..... Amount received.....	\$423,769,412	1,837,255,864 \$232,438,737	84,823,683 \$37,656,947	305,462,587 \$82,311,511	415,089,489 \$100,378,123	519,462,757 \$96,570,873	8,136,101 \$87,874	14,699,542 \$1,345,444	41.7	48.3	86.6	89.7
<b>NEW ENGLAND:</b> Quantity sold..... Amount received.....	\$47,538,217	175,209,759 \$131,344,948	4,409,690 \$3,168,969	14,599,430 \$4,413,631	29,528,001 \$5,833,864	38,854,031 \$8,193,207	591,008 \$76,865	870,396 \$95,667	72.5	75.5	87.7	86.7
<b>MIDDLE ATLANTIC:</b> Quantity sold..... Amount received.....	\$122,989,649	750,556,634 \$93,644,462	2,446,696 \$1,713,979	44,023,628 \$12,222,106	57,828,247 \$15,229,862	106,919,914 \$20,135,645	1,752,682 \$177,640	3,356,354 \$380,535	65.5	69.1	91.7	95.8
<b>EAST NORTH CENTRAL:</b> Quantity sold..... Amount received.....	\$138,401,771	661,302,433 \$75,963,108	15,272,940 \$10,157,366	85,099,734 \$23,128,671	135,150,149 \$31,855,509	192,381,475 \$24,530,189	1,718,462 \$196,727	3,317,544 \$373,200	58.5	56.4	90.9	91.2
<b>WEST NORTH CENTRAL:</b> Quantity sold..... Amount received.....	\$84,390,336	144,637,918 \$18,214,700	22,599,643 \$14,530,377	123,176,904 \$31,270,493	88,186,732 \$20,333,127	122,614,061 \$21,975,635	334,300 \$41,639	1,331,797 \$121,771	43.8	48.8	76.9	79.1
<b>SOUTH ATLANTIC:</b> Quantity sold..... Amount received.....	\$17,137,738	45,378,866 \$8,608,975	1,027,441 \$743,112	505,904 \$128,727	33,888,871 \$7,622,915	24,243,943 \$4,214,943	385,920 \$42,008	436,703 \$25,040	27.5	27.4	80.3	90.9
<b>EAST SOUTH CENTRAL:</b> Quantity sold..... Amount received.....	\$9,301,261	22,563,214 \$4,126,971	368,459 \$308,754	217,860 \$59,062	22,688,468 \$4,942,959	16,500,633 \$3,181,965	64,748 \$6,533	77,591 \$7,847	16.7	16.9	63.9	56.5
<b>WEST SOUTH CENTRAL:</b> Quantity sold..... Amount received.....	\$11,922,158	21,070,626 \$4,700,646	1,004,000 \$795,188	4,465,310 \$1,018,608	24,321,179 \$5,381,690	17,455,423 \$2,469,218	270,967 \$29,566	321,316 \$30,370	19.0	17.8	63.8	68.8
<b>MOUNTAIN:</b> Quantity sold..... Amount received.....	\$10,141,383	31,168,665 \$5,346,099	1,249,848 \$1,539,340	4,799,182 \$1,352,665	7,635,775 \$2,166,918	7,092,465 \$1,818,094	307,141 \$48,931	554,371 \$61,123	42.2	47.7	67.1	76.9
<b>PACIFIC:</b> Quantity sold..... Amount received.....	\$31,947,479	85,497,749 \$13,391,758	6,135,863 \$5,050,022	28,774,135 \$8,223,638	15,844,067 \$4,410,978	23,560,129 \$6,264,107	2,711,673 \$371,063	4,514,590 \$423,374	57.2	61.7	90.4	92.7

of the divisions a smaller proportion was sold in 1909 than in 1899.

In total value of dairy products sold by farmers in 1909, the East North Central division ranked first, followed by the Middle Atlantic and West North Central, these three divisions together representing 73 per cent of the total for the United States.

Table 7 shows, by geographic divisions, the average value per gallon or per pound of the several classes of dairy products sold by farmers.

Table 7 DIVISION.	AVERAGE VALUE OF PRODUCTS SOLD BY FARMERS.							
	Milk, per gallon: 1909	Cream, per gallon: 1909	Butter fat, per pound: 1909	Butter, per pound.		Cheese, per pound.		
				1909	1899	1909	1899	
<b>United States</b> .....	\$0.130	\$0.685	\$0.259	\$0.242	\$0.167	\$0.121	\$0.091	
New England.....	0.119	0.709	0.372	0.289	0.211	0.130	0.113	
Middle Atlantic.....	0.125	0.701	0.378	0.293	0.188	0.101	0.091	
East North Central.....	0.110	0.565	0.232	0.236	0.133	0.114	0.082	
West North Central.....	0.128	0.643	0.254	0.231	0.146	0.125	0.095	
South Atlantic.....	0.100	0.723	0.249	0.225	0.173	0.109	0.067	
East South Central.....	0.153	0.720	0.271	0.213	0.156	0.101	0.101	
West South Central.....	0.222	0.747	0.277	0.221	0.139	0.109	0.088	
Mountain.....	0.172	0.794	0.282	0.284	0.150	0.110	0.110	
Pacific.....	0.157	0.823	0.303	0.278	0.194	0.137	0.094	

The average value of butter sold by farmers in the United States as a whole was 24.2 cents per pound in 1909, as compared with 16.7 cents in 1899, an increase of 44.9 per cent. In 1909 the average value was highest in New England, 28.9 cents, and lowest in the East South Central division, 21.3 cents. The average value of cheese sold increased from 9.1 cents per pound in 1899 to 12.1 cents in 1909, or 33 per cent. In the latter year the average ranged from 10.1 cents in the Middle Atlantic and East South Central divisions to 15 cents in the Mountain division.

Table 8 shows, by states, the sales of dairy products.

Table 8. SALES OF SPECIFIED DAIRY PRODUCTS BY FARMERS: 1909.

STATE.	Receipts from sales (dollars).	Milk (gallons).	Cream (gallons).	Butter fat (pounds).	Butter (pounds).	Cheese (pounds).
<b>United States</b> .....	473,769,412	1,837,255,864	84,823,683	305,462,587	416,089,489	8,136,101
<b>N. ENGLAND:</b>						
Maine.....	6,722,779	12,784,866	737,706	4,069,344	8,389,817	94,244
N. Hampshire.....	5,130,057	21,132,288	389,944	566,229	3,510,553	168,706
Vermont.....	11,601,377	53,298,931	2,388,580	7,756,398	12,882,120	268,319
<b>MIDDLE ATLANTIC:</b>						
Massachusetts.....	64,498,496	400,426	64,498,496	400,426	2,311,311	32,494
Rhode Island.....	2,071,444	8,796,847	42,423	5,347	177,322	2,175
Connecticut.....	7,325,433	34,000,132	482,427	1,063,090	2,387,834	55,075
<b>WEST NORTH CENTRAL:</b>						
New York.....	74,939,818	524,279,723	1,207,174	36,249,617	12,630,113	334,301
New Jersey.....	785,555,551	78,555,551	78,555,551	78,555,551	42,448	42,448
Pennsylvania.....	38,903,883	169,420,361	1,160,837	7,528,454	43,185,105	137,919
<b>E. N. CENT.:</b>						
Ohio.....	25,574,638	90,430,948	8,101,992	7,563,557	39,252,326	518,650
Indiana.....	12,768,710	32,562,414	1,347,660	6,361,831	24,715,894	39,858
Illinois.....	27,740,849	158,031,333	2,104,832	4,637,745	24,442,251	54,502
Michigan.....	22,699,179	74,025,769	2,483,661	18,287,691	30,010,783	284,026
Wisconsin.....	51,238,399	297,251,969	7,142,970	48,248,940	17,737,895	82,150
<b>W. N. CENT.:</b>						
Minnesota.....	25,214,222	83,181,758	5,756,165	40,414,151	18,016,409	79,045
Iowa.....	26,429,743	55,291,511	8,002,449	42,917,696	17,917,357	61,160
Missouri.....	18,187,356	15,733,183	1,939,889	4,927,383	14,646,771	104,339
Nebraska.....	2,876,298	1,644,150	834,103	2,188,377	7,019,195	9,974
S. Dakota.....	4,501,430	2,388,751	2,339,961	5,776,689	5,941,092	7,389
North Dakota.....	7,631,658	9,500,330	1,952,908	12,711,699	11,662,968	55,528
Montana.....	9,649,129	9,649,129	2,391,948	14,883,990	12,933,656	16,774
<b>S. ATLANTIC:</b>						
Delaware.....	966,173	4,428,009	25,808	18,149	1,024,945	200
Virginia.....	4,784,222	19,424,323	458,436	343,145	5,689,228	251,077
Dist. of Col.....	116,116	339,343			1,800	
North Carolina.....	3,772,417	8,577,861	302,217	97,588	7,983,439	41,632
South Carolina.....	2,202,304	4,039,741	104,606	8,421	7,077,669	58,363
Georgia.....	1,187,245	2,380,229	21,328	9,224	5,076,590	28,922
Florida.....	628,265	919,745	11,282	10,023	1,752,269	8,415
Alabama.....	1,974,911	3,872,928	97,864	12,286	4,888,384	168
Louisiana.....	578,715	1,388,781	9,048	2,095	3,010,651	112
<b>E. S. CENT.:</b>						
Kentucky.....	3,729,237	10,415,482	150,016	154,427	8,423,327	38,851
Tennessee.....	3,211,978	6,814,209	145,979	32,345	9,009,307	11,883
Alabama.....	1,838,504	3,897,428	28,823	27,438	21,748	2,438
Mississippi.....	1,601,662	1,966,097	82,862	9,344	2,632,313	11,479
<b>W. S. CENT.:</b>						
Arkansas.....	1,505,882	8,692,322	53,302	7,400	6,094,311	8,896
Louisiana.....	1,588,338	4,301,119	32,433	7,073	1,019,420	18,765
Oklahoma.....	3,369,515	6,226,217	526,193	3,137,112	7,405,824	11,970
Texas.....	5,641,423	8,990,988	452,072	2,247,018	12,141,621	69,730
<b>MOUNTAIN:</b>						
Montana.....	1,646,693	3,584,589	274,979	652,097	1,224,263	44,571
Idaho.....	1,379,299	2,800,111	319,345	1,191,857	1,435,623	61,293
Wyoming.....	338,925	1,377,667	46,690	67,303	601,962	6,435
Colorado.....	3,407,723	1,037,067	449,257	1,087,681	2,914,142	56,443
New Mexico.....	1,844,196	1,036,922	67,979	11,248	1,010,634	24,948
Arizona.....	842,210	3,347,723	37,744	665,850	120,961	50,181
Utah.....	1,648,655	8,471,713	270,225	914,133	991,881	62,065
Nevada.....	1,165,478	1,192,333	16,378	206,065	156,388	1,169
<b>PACIFIC:</b>						
Washington.....	7,665,479	25,634,209	1,911,261	4,886,283	3,112,236	43,530
Oregon.....	14,640,186	16,640,338	1,063,463	1,915,863	1,842,363	154,263
California.....	19,083,297	48,333,433	3,397,061	19,176,719	10,285,852	2,513,518

## ABSTRACT OF THE CENSUS—AGRICULTURE.

## DAIRY PRODUCTS OF FARMS, BY DIVISIONS AND STATES.

Table 9 DIVISION OR STATE.	Total value, excluding home use of milk and cream: 1909	Milk reported (gallons): 1909	BUTTER MADE.				CHEESE MADE.		
			Quantity (pounds).		Value: 1909	Quantity (pounds).		Value: 1909	
			1909	1899		1909	1899		
<b>United States</b> .....	<b>596,413,463</b>	<b>5,813,699,474</b>	<b>984,656,610</b>	<b>1,071,626,084</b>	<b>\$222,861,440</b>	<b>9,408,884</b>	<b>16,372,318</b>	<b>\$1,148,708</b>	
<b>GEOGRAPHIC DIVISIONS:</b>									
New England.....	50,720,766	347,872,803	40,732,783	51,454,627	11,704,089	673,865	3,003,103	89,189	
Middle Atlantic.....	130,772,563	1,001,209,989	88,242,228	158,294,824	22,996,544	1,910,549	5,506,096	194,472	
East North Central.....	150,673,557	1,564,282,966	230,966,876	287,878,290	53,108,927	1,891,208	3,636,013	215,365	
West North Central.....	108,824,333	1,266,991,620	201,172,278	251,226,400	44,748,964	473,196	1,684,109	59,969	
South Atlantic.....	35,578,455	418,543,384	123,270,552	89,111,226	26,054,617	480,805	480,448	51,024	
East South Central.....	30,200,917	400,476,525	136,239,873	97,541,277	25,739,427	93,971	137,327	9,703	
West South Central.....	32,334,627	416,401,603	128,188,799	88,302,325	25,838,528	424,482	336,113	44,597	
Mountain.....	12,991,003	116,468,996	18,115,811	14,820,383	4,992,172	457,740	230,996	70,857	
Pacific.....	35,257,042	281,091,588	27,721,410	36,332,916	7,678,172	3,000,048	4,868,513	413,432	
<b>NEW ENGLAND:</b>									
Maine.....	8,079,692	56,026,334	13,299,229	16,174,173	3,786,054	118,216	425,102	18,872	
New Hampshire.....	5,589,711	35,033,153	5,065,188	6,385,611	1,509,706	180,996	1,040,339	24,456	
Vermont.....	12,128,465	114,317,169	15,165,662	18,834,706	4,185,028	245,884	406,659	32,883	
Massachusetts.....	15,187,774	86,304,347	3,364,516	4,980,262	1,041,482	45,753	19,629	5,311	
Rhode Island.....	2,085,941	10,441,951	339,697	488,096	104,161	3,860	6,751	615	
Connecticut.....	7,669,183	45,749,849	3,498,551	4,591,789	1,077,658	79,156	40,623	7,352	
<b>MIDDLE ATLANTIC:</b>									
New York.....	77,807,161	597,363,198	23,461,702	74,714,376	6,268,386	390,049	2,624,552	33,195	
New Jersey.....	10,156,600	67,698,219	3,622,411	5,894,633	1,059,935	77,824	24,377	9,277	
Pennsylvania.....	42,808,802	336,208,572	61,158,115	74,221,085	15,668,223	1,442,676	857,167	152,000	
<b>EAST NORTH CENTRAL:</b>									
Ohio.....	30,869,468	307,590,735	63,569,132	79,551,299	14,305,607	613,233	1,167,001	57,182	
Indiana.....	16,666,374	194,736,962	43,181,817	51,042,306	9,402,994	63,619	178,733	7,800	
Illinois.....	31,542,209	320,240,399	46,600,992	52,490,420	10,493,217	81,915	323,485	8,396	
Michigan.....	26,727,338	283,387,201	50,405,426	60,051,998	11,805,872	291,176	331,176	36,228	
Wisconsin.....	38,868,028	458,327,649	27,300,509	44,739,147	7,101,237	841,262	1,635,618	165,789	
<b>WEST NORTH CENTRAL:</b>									
Minnesota.....	29,219,406	273,319,603	34,708,669	41,188,846	8,591,233	106,075	290,623	14,375	
Iowa.....	31,196,883	318,954,506	38,679,568	61,789,288	9,061,041	78,338	306,428	10,689	
Missouri.....	13,688,318	188,297,972	42,105,143	55,950,110	8,744,025	159,785	323,439	17,492	
North Dakota.....	4,872,304	70,637,899	16,414,439	9,178,515	3,508,579	22,754	70,881	2,976	
South Dakota.....	6,192,608	82,428,514	13,629,647	17,400,970	3,024,590	14,344	136,863	2,011	
Nebraska.....	10,566,275	160,610,359	25,986,931	34,518,659	5,385,494	63,773	264,430	8,477	
Kansas.....	13,091,739	172,742,767	29,647,881	41,640,727	6,432,083	27,927	291,345	3,676	
<b>SOUTH ATLANTIC:</b>									
Delaware.....	1,089,497	7,859,857	1,563,161	1,629,949	400,428	700	104	114	
Maryland.....	5,480,900	41,094,421	8,739,620	9,096,662	2,010,106	259,386	338,453	20,277	
District of Columbia.....	117,353	555,342	6,155	3,478	1,754	.....	.....	.....	
Virginia.....	7,794,826	99,585,051	26,651,244	18,905,830	5,683,060	97,263	21,697	9,191	
West Virginia.....	5,000,138	71,230,033	18,969,099	16,910,129	4,054,498	70,473	74,845	9,063	
North Carolina.....	5,789,583	82,601,779	26,059,388	16,918,802	5,213,783	39,353	28,883	3,729	
South Carolina.....	3,890,805	37,361,666	12,326,507	6,150,467	2,562,861	12,909	1,081	2,542	
Georgia.....	6,621,585	74,808,776	27,246,247	15,111,494	5,636,265	299	2,266	72	
Florida.....	974,486	7,676,459	1,705,274	1,386,445	492,172	322	3,751	86	
<b>EAST SOUTH CENTRAL:</b>									
Kentucky.....	9,055,813	125,566,917	38,130,687	30,446,331	7,117,905	56,148	45,729	4,843	
Tennessee.....	8,715,441	117,101,970	39,827,996	29,091,695	7,392,901	18,992	25,622	2,168	
Alabama.....	6,396,198	78,728,345	29,550,585	18,121,964	5,057,610	5,528	36,374	769	
Mississippi.....	6,033,465	79,079,293	28,730,685	18,881,296	5,571,011	13,703	28,572	1,933	
<b>WEST SOUTH CENTRAL:</b>									
Arkansas.....	6,657,428	83,061,875	29,907,337	21,585,258	5,883,584	20,435	18,885	3,027	
Louisiana.....	2,761,380	32,702,130	6,232,006	4,918,229	1,430,059	190,089	135,104	18,065	
Oklahoma.....	7,365,293	103,577,644	27,056,242	13,887,074	5,613,233	18,968	146,491	3,154	
Texas.....	15,679,924	197,639,954	64,993,214	47,991,492	12,911,632	194,990	136,133	20,351	
<b>MOUNTAIN:</b>									
Montana.....	2,093,594	16,982,145	2,820,574	2,454,072	811,792	49,988	30,924	8,195	
Idaho.....	1,962,360	20,861,072	3,542,135	2,520,316	982,397	90,675	196,952	13,525	
Wyoming.....	529,423	6,453,634	1,192,122	888,554	331,021	10,276	24,227	1,991	
Colorado.....	4,174,270	33,631,723	5,856,132	4,982,482	1,565,224	69,895	109,184	10,045	
New Mexico.....	726,092	6,815,942	1,477,017	313,003	402,293	81,869	68,871	13,515	
Arizona.....	909,411	6,881,608	325,980	379,311	105,347	60,650	33,305	9,115	
Utah.....	2,067,334	20,486,317	2,497,366	2,812,122	672,479	84,102	169,251	13,125	
Nevada.....	518,179	4,356,555	493,885	569,523	121,649	10,245	94,082	1,787	
<b>PACIFIC:</b>									
Washington.....	8,746,041	70,083,033	6,751,575	7,372,106	1,992,249	52,970	151,669	6,787	
Oregon.....	6,067,024	56,106,599	5,667,964	8,107,450	1,599,931	169,205	467,256	23,161	
California.....	20,443,977	154,901,956	15,301,871	20,853,360	4,085,992	2,777,873	4,249,588	383,464	

\* Includes Indian Territory.

LIVE STOCK PRODUCTS.

FACTORY PRODUCTION AND TOTAL PRODUCTION OF BUTTER AND CHEESE, BY DIVISIONS AND STATES.

Table 10 DIVISION OR STATE.	BUTTER AND CHEESE MADE IN FACTORIES.				BUTTER AND CHEESE MADE ON FARMS AND IN FACTORIES.			
	Butter (pounds).		Cheese (pounds).		Butter (pounds).		Cheese (pounds).	
	1909	1899	1909	1899	1909	1899	1909	1899
<b>United States*</b> .....	624,764,653	420,126,546	311,126,317	281,972,324	1,819,415,263	1,491,752,602	329,532,181	293,344,642
<b>GEOGRAPHIC DIVISIONS:</b>								
New England.....	(1)	40,577,569	3,002,744	5,955,597	(1)	92,032,196	3,676,609	6,958,700
Middle Atlantic.....	77,150,290	79,156,626	116,428,935	137,753,473	165,397,518	233,986,350	118,339,484	141,269,571
East North Central.....	193,171,121	113,300,640	178,532,241	116,643,076	404,137,997	403,208,030	180,423,449	120,279,089
West North Central.....	243,551,925	156,406,307	(1)	11,982,995	444,724,204	407,632,767	(1)	13,667,004
South Atlantic.....	(1)	3,772,086	(1)	112,860	(1)	92,883,312	(1)	593,308
East South Central.....	(1)	(1)	(1)	(1)	(1)	(1)	93,971	(1)
West South Central.....	(1)	474,489	(1)	137,268	(1)	88,866,542	(1)	473,381
Mountain.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pacific.....	57,058,701	18,320,915	6,208,883	5,354,234	84,780,111	54,653,831	9,208,931	10,222,737
<b>NEW ENGLAND:</b>								
Maine.....	2,105,622	4,461,399	55,591	553,946	15,404,851	20,635,572	173,807	979,048
New Hampshire.....	1,740,235	5,034,270	184,407	116,741	6,806,423	11,410,881	365,493	221,089
Vermont.....	20,227,495	22,443,381	2,702,656	4,713,105	33,383,187	41,288,087	3,008,540	5,110,764
Massachusetts.....	1,888,307	4,591,019	(1)	260,542	5,252,823	9,572,181	45,753	270,171
Rhode Island.....	(1)	148,195	(1)	(1)	(1)	636,281	3,860	6,751
Connecticut.....	1,950,935	3,888,405	(1)	321,263	5,449,486	8,480,194	79,156	361,886
<b>MIDDLE ATLANTIC:</b>								
New York.....	45,897,216	40,693,846	105,194,898	127,386,032	66,338,918	115,408,222	105,584,497	130,010,584
New Jersey.....	708,857	1,325,519	(1)	100,000	4,391,268	7,219,882	77,824	124,377
Pennsylvania.....	30,484,217	37,137,161	11,234,037	10,267,443	91,642,332	111,358,246	12,676,713	11,124,610
<b>EAST NORTH CENTRAL:</b>								
Ohio.....	17,491,251	8,087,631	11,800,601	18,156,527	81,000,383	87,638,990	12,473,834	19,323,528
Indiana.....	11,712,450	3,553,483	424,597	1,260,168	54,894,267	54,595,879	488,216	1,438,901
Illinois.....	24,570,976	34,065,312	4,799,235	9,065,119	71,180,968	86,548,762	4,881,153	9,378,004
Michigan.....	35,511,790	7,820,712	13,382,160	10,422,382	85,917,186	67,872,710	13,673,336	10,733,738
Wisconsin.....	103,884,684	61,813,502	148,065,648	77,748,680	131,085,193	106,532,649	148,906,910	79,384,288
<b>WEST NORTH CENTRAL:</b>								
Minnesota.....	88,842,846	41,174,469	2,735,833	3,285,019	123,551,515	52,303,315	2,941,938	3,575,642
Iowa.....	88,582,187	77,233,264	999,559	4,242,637	127,261,755	139,022,552	1,078,097	4,549,065
Missouri.....	10,261,876	1,440,616	219,112	1,072,751	52,367,019	46,949,726	378,807	1,306,190
North Dakota.....	3,683,679	463,188	(1)	225,399	20,098,118	9,442,003	(1)	296,280
South Dakota.....	9,496,068	6,172,107	(1)	420,779	23,125,255	23,873,077	14,344	557,642
Nebraska.....	23,973,162	11,726,180	77,122	313,600	49,960,993	46,244,839	140,895	578,030
Kansas.....	18,712,568	18,196,483	(1)	2,422,710	48,360,449	59,837,255	(1)	2,714,155
<b>SOUTH ATLANTIC:</b>								
Delaware.....	627,300	969,889	(1)	15,000	2,190,461	2,599,838	(1)	15,104
Maryland.....	1,118,830	2,541,716	(1)	9,858,150	9,858,150	11,638,375	269,386	338,453
District of Columbia.....	(1)	(1)	(1)	6,155	6,155	3,478	(1)	(1)
Virginia.....	158,853	170,521	(1)	37,000	26,810,097	20,076,351	(1)	88,697
West Virginia.....	(1)	41,000	(1)	40,860	(1)	16,954,129	(1)	115,103
North Carolina.....	(1)	(1)	(1)	(1)	26,069,585	16,913,802	39,333	28,883
South Carolina.....	(1)	(1)	(1)	(1)	12,329,567	8,150,437	12,969	1,981
Georgia.....	78,058	48,960	(1)	(1)	27,324,305	15,160,454	399	2,236
Florida.....	(1)	(1)	(1)	(1)	1,705,274	1,386,445	322	3,751
<b>EAST SOUTH CENTRAL:</b>								
Kentucky.....	549,929	184,663	(1)	28,000	38,680,616	30,631,644	56,148	73,759
Tennessee.....	(1)	207,823	(1)	6,201	39,827,906	29,259,519	18,592	32,823
Alabama.....	(1)	17,307	(1)	10,000	(1)	19,139,321	5,528	46,374
Mississippi.....	(1)	(1)	(1)	(1)	28,730,685	(1)	13,703	(1)
<b>WEST SOUTH CENTRAL:</b>								
Arkansas.....	360,834	168,575	(1)	12,600	30,268,171	21,753,833	20,435	30,985
Louisiana.....	(1)	(1)	(1)	(1)	(1)	4,918,229	(1)	135,104
Oklahoma.....	4,110,978	53,200	(1)	96,878	31,167,220	13,940,274	15,968	112,669
Texas.....	2,133,590	252,714	(1)	38,290	67,126,804	48,244,206	(1)	194,423
<b>MOUNTAINS:</b>								
Montana.....	1,307,777	34,238	(1)	(1)	4,128,551	2,488,310	49,988	50,924
Idaho.....	2,337,386	432,570	(1)	194,380	5,809,321	2,862,886	(1)	391,332
Wyoming.....	783,635	(1)	(1)	(1)	1,975,707	(1)	(1)	(1)
Colorado.....	6,351,601	1,566,639	550,622	1,466,257	12,207,823	6,490,121	620,517	1,668,441
New Mexico.....	(1)	(1)	(1)	(1)	(1)	213,003	81,869	68,571
Arizona.....	1,053,869	424,083	621,043	373,732	1,379,849	803,294	481,733	467,057
Utah.....	3,722,784	2,519,214	1,060,122	1,874,172	6,220,150	5,321,336	1,144,224	2,643,430
Nevada.....	1,039,784	623,462	(1)	80,150	1,445,669	1,192,935	10,248	174,232
<b>PACIFIC:</b>								
Washington.....	11,302,591	3,198,421	422,290	1,482,127	18,054,166	10,870,527	475,260	1,633,796
Oregon.....	8,472,660	1,975,327	4,218,933	1,105,564	14,140,624	10,082,807	4,388,158	1,602,830
California.....	37,383,450	13,147,137	1,567,640	2,676,543	52,585,321	34,900,497	4,345,513	6,926,131

\* See footnote 2, Table 1 p. 344.

1 Can not be shown separately, as to do so would disclose individual operations.

2 Includes Indian Territory.

## WOOL AND MOHAIR.

Wool production in the United States as a whole: 1909 and 1899.—The reports of the enumerators at both the Twelfth and the Thirteenth Censuses were somewhat deficient with respect to wool production, and it has been deemed necessary to make estimates to cover this deficiency.<sup>1</sup> Table 11 shows for the United States as a whole the actual returns of the Thirteenth Census and the estimated totals for 1909 and 1899, respectively.

Table 11

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces.	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	598,047	39,644,096			
Wool produced, as reported, 1909.....	458,311		35,336,830	241,882,318	\$54,964,020
On farms reporting sheep April 15, 1910.....	423,580	31,636,132	33,849,587	232,357,186	52,708,093
On other farms.....	34,731		1,487,243	9,525,132	2,255,927
Total production of wool (partly estimated):					
1909.....			42,320,580	289,419,977	65,472,223
1899.....			43,999,229	276,307,584	65,070,053
Increase, 1899 to 1909.....			-1,678,649	-12,882,332	-19,802,275
Percent of increase <sup>1</sup> .....			-3.9	-4.6	-43.4

<sup>1</sup> A minus sign (-) denotes decrease.

According to the returns there were on April 15, 1910, 598,047 farms with sheep of shearing age, the number of such sheep being 39,644,000. Of these farms, however, there were only 423,580, with 31,636,000 sheep of shearing age, for which the enumerators reported the production of any wool in 1909. The number of fleeces reported for these farms was 33,850,000. The enumerators reported also the production of 1,487,000 fleeces

in 1909 on 34,731 farms with no sheep of shearing age April 15, 1910. The total number of fleeces reported was thus 35,337,000.

It is believed that a much closer approximation to the true total can be obtained by an estimate based on the assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. On the basis of such an estimate, the total production of wool in 1909 was 42,321,000 fleeces. The production in 1899, also in part estimated at that time, was 43,999,000 fleeces, so that there was a decrease of 1,679,000 fleeces, or 3.8 per cent. Nevertheless, the estimated total weight increased from 276,568,000 pounds in 1899 to 289,420,000 in 1909, or 4.6 per cent, and the reported average weight per fleece increased from 6.3 pounds to 6.8 pounds.

The value of the wool clip increased from \$45,670,000 in 1899 to \$65,472,000 in 1909, or 43.4 per cent. The average value per pound rose from 17 to 23 cents, and the average value per fleece from \$1.04 to \$1.55.

Wool production, by divisions and states: 1909 and 1899.—Table 12 shows, by geographic divisions, the number of fleeces of wool actually reported and the estimated total number produced in 1909. Comparisons of the reported production and the estimated total production will show that in some geographic divisions the returns of the enumerators were much more nearly complete than in others.

Table 12

DIVISION.	WOOL PRODUCED, AS REPORTED: 1909									
	SHEEP OF SHEARING AGE APRIL 15, 1910		Total.	On farms reporting sheep April 15, 1910.			On farms not reporting sheep April 15, 1910.		Total production of wool, partly estimated (fleeces): 1909	
	Farms reporting.	Number of sheep.		Fleeces.	Farms reporting.	Number of sheep of shearing age April 15, 1910.	Fleeces.	Farms reporting.		Fleeces.
United States.....	598,047	39,644,096	458,311	35,338,830	423,580	31,636,132	33,849,587	34,731	1,487,243	42,320,580
New England.....	19,888	306,443	16,555	238,262	15,038	254,889	277,399	1,357	20,963	320,647
Middle Atlantic.....	30,841	1,260,456	45,771	1,167,770	39,293	1,098,317	1,126,133	3,558	71,957	1,282,198
East North Central.....	218,693	6,234,854	178,768	6,110,096	166,425	5,242,231	5,726,730	12,343	383,336	6,740,541
West North Central.....	105,227	3,024,719	72,939	2,828,460	69,672	2,519,677	2,501,904	6,887	296,526	3,588,556
South Atlantic.....	74,769	1,652,698	28,737	1,333,639	54,886	1,070,637	1,274,292	8,841	81,847	1,560,181
East South Central.....	85,835	1,513,833	60,992	1,217,989	56,279	1,108,185	1,144,184	4,713	73,805	1,563,103
West South Central.....	18,742	1,652,443	11,062	1,854,752	10,250	1,282,979	1,791,254	772	73,478	2,263,106
Mountain.....	15,927	19,309,675	8,218	16,074,466	7,769	15,399,378	15,692,334	449	882,652	19,910,938
Pacific.....	11,589	3,778,894	8,239	4,419,426	7,605	3,209,799	4,263,317	633	154,109	5,010,961

Table 13, on the following page, shows, by divisions, the amounts and percentages of increase or

decrease in the estimated total wool production from 1899 to 1909.

<sup>1</sup> There are various reasons for this failure of the enumerators to report the entire wool production. In some cases enumerators reported the number of sheep and neglected to report the wool produced in 1909. In other cases, farmers who did not have sheep in 1910 did have some in 1909, and it can not be assumed that the wool produced by such sheep in 1909 was in all cases reported, for the enumerator, after ascertaining that the farmer had no sheep in 1910, might neglect the subsequent inquiry as to wool produced in 1909. The number of farms which reported the production of wool in 1909 but no sheep on hand on April 15, 1910, was less than one-fourth of the number which reported sheep in 1910 but no wool production in 1909. Again, particularly in the case of tenant

farms, the farmer who occupied a farm at the time of the enumeration might not have occupied the same farm the preceding year. In cases of this sort the new occupant of the farm would be fairly well able to estimate the production of crops, from the acreage of stubble, but would often hesitate to make an estimate for the wool.

In making the estimate of the total production of wool which is presented in the table no account was taken of the 1,487,000 fleeces reported as produced in 1909 on farms with no sheep of shearing age in 1910, for this figure represents the wool production of only a part of the sheep which the estimate is designed to cover. Estimates were made for the several states, and combined to make the totals for geographic divisions and the United States.

There was a decrease between 1899 and 1909 in the number of fleeces produced in each of the divisions except the West North Central and Mountain divisions. The percentage of decrease was greatest in the New England division and next greatest in the Middle Atlantic, while the absolute decrease in number of fleeces was greatest in the Middle Atlantic division. In the Mountain division, which produced nearly half of the total wool clip of 1909, the increase in that year as compared with 1899 was 4.4 per cent. The percentages of increase or decrease in the weight of wool produced differ considerably from those based on the number of fleeces. In every division except the New England and Middle Atlantic there was a considerable increase between 1899 and 1909 in the value of wool produced, the increase in average value per pound more than offsetting the decrease in the quantity produced in four of the divisions.

Table 13

DIVISION.	INCREASE: 1899 TO 1909					
	Fleeces.		Weight.		Value.	
	Number.	Per cent.	Pounds.	Per cent.	Amount.	Per cent.
United States.....	-1,678,649	-3.8	12,582,393	4.6	\$19,802,275	43.4
New England.....	-262,194	-43.0	-1,531,190	-43.6	-188,644	-22.7
Middle Atlantic.....	-770,851	-37.5	-5,322,373	-37.1	-308,667	-11.0
East North Central.....	-583,675	-7.9	-2,799,077	-2.4	3,402,550	33.8
West North Central.....	185,529	5.9	2,270,470	10.1	2,148,014	54.0
South Atlantic.....	-234,879	-12.1	-1,215,181	-18.4	-355,325	-22.2
East South Central.....	-59,831	-5.4	-412,981	-6.3	351,895	27.1
West South Central.....	-175,557	-7.1	208,018	1.9	740,388	45.2
Mountain.....	546,212	4.2	2,640,930	19.1	11,020,336	62.8
Pacific.....	-587,468	-10.5	-1,256,330	-3.4	2,020,571	40.8

<sup>1</sup> A minus sign (-) denotes decrease.

Table 14 shows for 1909 and 1899, in percentages, the distribution of the total number of fleeces produced among the geographic divisions, and also the average weight per fleece, the average value per fleece, and the average value per pound, in each division.

Table 14

DIVISION.	PER CENT DISTRIBUTION OF NUMBER OF FLEECES.		AVERAGE WEIGHT PER FLEECE.		AVERAGE VALUE PER FLEECE.		AVERAGE VALUE PER POUND.	
	1909	1899	1909	1899	1909	1899	1909	1899
	United States.....	100.0	100.0	6.3	6.3	\$1.55	\$1.04	\$6.226
New England.....	0.8	1.2	6.3	6.1	1.70	1.36	0.283	0.209
Middle Atlantic.....	3.1	4.7	6.6	6.6	1.93	1.35	0.292	0.207
East North Central.....	16.0	16.7	7.2	7.0	2.11	1.45	0.293	0.207
West North Central.....	8.5	7.7	6.9	6.6	1.71	1.17	0.248	0.177
South Atlantic.....	3.7	4.1	4.3	4.4	1.25	0.89	0.253	0.203
East South Central.....	2.7	3.8	3.9	4.0	1.05	0.78	0.269	0.198
West South Central.....	5.4	5.6	3.0	4.5	1.07	0.68	0.215	0.151
Mountain.....	47.9	43.3	7.3	6.4	1.47	0.95	0.291	0.148
Pacific.....	11.8	12.7	7.2	6.7	1.35	0.84	0.187	0.127

The distribution of the number of fleeces naturally conforms approximately to the distribution of the number of sheep. In 1909 the Mountain division produced 47 per cent of the total estimated number of fleeces; the East North Central 16 per cent; and the Pacific 11.8 per cent. These three divisions together contributed substantially three-fourths of the total number.

The average weight of fleeces in 1909 was higher in the three geographic divisions just named than in any of the other divisions, and decidedly lower in the three

southern divisions than elsewhere. The extreme range was from 7.3 pounds per fleece in the Mountain division to 3.9 pounds in the East South Central. The average weight was greater in 1909 than in 1899 in six of the divisions; in the South Atlantic and East South Central divisions it was slightly lower; and in the Middle Atlantic there was no change.

The average value of wool per pound in 1909, as reported by the producers, was lowest (18.7 cents) in the Pacific division. The maximum value (29.3 cents) is shown for the East North Central and South Atlantic divisions. The average value per pound increased materially in each of the geographic divisions between 1899 and 1909. In 1909 the average value per fleece was lowest (\$1.05) in the East South Central division and highest (\$2.11) in the East North Central.

Table 15, which appears on the following page, shows that in 1909 the leading states in the production of wool were Wyoming, Montana, New Mexico, Ohio, California, Idaho, Oregon, and Texas in the order named, each of these states having reported more than 2,000,000 fleeces.

Mohair and goat hair: 1909 and 1899.—Table 15 shows also the reported number of fleeces, and the weight and value of mohair and goat hair produced in 1909 and 1899, respectively, by geographic divisions and states.

The reports for the production of mohair are presumably about as defective as those for wool. The agricultural schedules, however, on account of the minor importance of goats, did not distinguish them by age, and it is scarcely possible to approximate the total production of mohair from the number of goats and kids of all ages taken together. In many sections of the country the number of goats on farms is insignificant and a considerable proportion of those which are kept are not shorn for mohair; consequently the production of mohair in several of the geographic divisions is of little significance.

The total reported production of mohair in 1909 was 1,683,000 fleeces, or more than three and one-half times as many as were reported in 1899. The reported weight of the mohair was 3,779,000 pounds, and the value, \$902,000. It is noteworthy that the average value of mohair per pound was somewhat lower in 1909 than in 1899; so that, although the average weight per fleece increased slightly during the decade, the average value per fleece decreased.

More than three-fifths of the mohair reported in 1909 was produced in the West South Central division, and nearly all of the remainder in the Mountain and Pacific divisions. The number of fleeces produced in the West South Central division was over five times as great in 1909 as in 1899, and in the Mountain division over three times as great. Very high relative increases also appear in some of the divisions where the number of fleeces produced is still very small.

## PRODUCTION OF WOOL AND MOHAIR, BY DIVISIONS AND STATES.

Table 15 DIVISION OR STATE.	SHEEP OF SHEARING AGE.		WOOL PRODUCED (PARTLY ESTIMATED).						MOHAIR PRODUCED.					
	April 15, 1910	June 1, 1900	Fleeces.		Weight (pounds).		Value.		Fleeces.		Weight (pounds).		Value.	
			1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
<b>United States.</b>	<b>39,814,046</b>	<b>39,832,967</b>	<b>42,320,580</b>	<b>43,899,228</b>	<b>288,419,977</b>	<b>276,567,584</b>	<b>965,472,328</b>	<b>946,670,053</b>	<b>1,682,912</b>	<b>1,454,923</b>	<b>3,778,706</b>	<b>981,289</b>	<b>990,397</b>	<b>1,267,884</b>
<b>GEOGRAPHIC DIVS.:</b>														
New England.....	306,443	563,217	320,647	582,841	2,006,040	3,537,230	574,577	743,221	1,298	750	4,445	1,749	1,273	611
Middle Atlantic.....	1,260,455	1,970,362	1,292,189	2,669,040	8,820,640	13,553,019	2,482,257	2,800,924	2,698	413	8,797	1,103	2,834	397
East North Central.....	6,534,634	6,900,100	6,780,541	7,364,216	48,670,564	51,409,641	14,276,742	10,673,192	9,828	2,004	35,044	6,476	9,680	1,709
West North Central.....	3,524,749	3,155,133	3,588,096	3,403,407	24,709,945	22,430,475	6,127,159	3,979,145	38,173	19,230	116,057	51,019	26,506	15,518
South Atlantic.....	1,552,698	1,706,199	1,560,105	1,794,984	6,677,028	7,802,212	1,955,262	1,599,937	7,172	676	21,009	1,718	6,980	501
East South Central.....	1,513,833	1,489,730	1,563,103	1,632,934	6,123,485	6,536,376	1,648,579	1,296,684	5,223	1,062	13,247	2,747	3,635	815
West South Central.....	1,662,445	1,830,118	2,293,160	2,468,717	11,359,371	11,151,233	2,442,998	1,662,010	1,084,908	194,930	2,016,736	278,411	472,315	75,370
Mountain.....	19,509,675	17,984,275	19,910,938	19,064,728	145,311,085	122,670,133	39,211,573	18,171,336	284,784	81,297	738,226	175,965	184,360	48,818
Pacific.....	3,778,894	4,244,345	5,010,961	5,938,364	36,041,913	37,298,243	6,743,375	4,722,804	248,876	154,570	825,151	441,550	193,717	121,125
<b>NEW ENGLAND:</b>														
Maine.....	149,394	232,213	157,455	288,300	947,622	1,478,018	266,080	318,585	168	24	639	105	207	21
New Hampshire.....	31,261	66,318	32,996	67,438	209,518	409,465	57,460	84,103	180	10	628	44	191	13
Vermont.....	84,380	182,167	90,710	191,884	625,722	1,334,233	192,002	268,967	97	1	471	5	136	2
Massachusetts.....	22,699	33,869	21,667	35,067	127,897	196,876	33,670	40,291	336	529	1,695	1,120	509	306
Rhode Island.....	4,206	6,629	4,353	6,328	24,009	35,180	6,838	8,741	1	3	2	10	1	1
Connecticut.....	14,043	23,021	13,400	23,284	71,272	104,438	18,530	22,534	316	183	1,009	468	231	177
<b>MIDDLE ATLANTIC:</b>														
New York.....	606,119	984,516	616,247	1,038,428	4,233,707	6,674,163	1,163,846	1,387,969	1,598	134	5,412	383	1,742	155
New Jersey.....	16,736	26,363	16,140	28,353	94,726	146,628	22,482	31,266	53		137		56	
Pennsylvania.....	637,541	953,493	659,802	1,002,259	4,100,213	6,732,220	1,305,629	1,381,689	1,107	279	3,198	720	1,066	242
<b>E. NORTH CENTRAL:</b>														
Ohio.....	2,890,163	2,648,250	3,073,460	2,867,094	21,083,235	20,350,721	6,749,003	4,299,025	1,624	95	5,840	469	1,684	112
Indiana.....	812,427	1,010,648	784,432	1,032,738	5,360,044	6,891,691	1,832,914	1,491,743	1,421	276	4,422	867	1,194	282
Illinois.....	658,484	629,150	682,337	674,625	4,971,380	4,799,742	1,296,218	966,746	4,117	953	14,922	2,793	4,008	751
Michigan.....	1,545,241	1,025,900	1,935,959	1,734,228	11,965,465	12,202,844	3,428,320	2,454,399	1,559	497	5,677	1,833	1,712	419
Wisconsin.....	628,639	986,212	644,363	1,005,006	4,088,477	7,224,733	1,267,285	1,461,279	1,104	188	4,133	514	1,082	145
<b>W. NORTH CENTRAL:</b>														
Minnesota.....	432,071	359,328	453,583	376,068	3,259,282	2,612,737	816,866	460,305	1,962	350	6,250	29,200	5,987	180
Iowa.....	769,917	657,685	729,484	715,334	5,484,702	5,015,965	1,413,711	992,334	8,703	10,760	29,200	28,080	7,261	6,798
Missouri.....	1,116,189	663,703	1,138,502	679,442	7,943,223	4,145,137	1,947,000	822,871	24,061	3,601	66,084	10,203	14,338	3,676
North Dakota.....	241,320	451,437	261,885	469,831	1,676,830	3,036,478	381,722	523,744	114	233	470	1,230	133	448
South Dakota.....	501,041	597,238	523,068	520,218	3,988,346	3,246,945	847,015	525,652	399	660	1,538	1,093	296	635
Nebraska.....	240,116	335,638	310,702	410,975	2,177,355	2,788,830	464,183	436,344	629	1,696	2,428	5,801	602	1,725
Kansas.....	204,023	179,907	165,532	231,597	1,170,308	1,969,374	296,603	247,935	2,311	1,574	8,805	4,966	2,995	1,077
<b>SOUTH ATLANTIC:</b>														
Delaware.....	4,415	6,964	3,150	7,621	10,069	32,350	5,125	6,618	70		210		52	
Maryland.....	126,251	111,520	122,071	113,598	705,320	632,119	199,909	142,966	465		1,570		474	
District of Columbia.....														
Virginia.....	438,719	392,123	431,694	399,113	1,997,252	2,020,738	504,388	409,602	2,614	139	8,047	343	2,913	113
West Virginia.....	566,822	572,739	558,095	587,381	2,719,684	3,123,453	830,555	636,012	3,348	73	8,991	140	2,699	43
North Carolina.....	140,070	208,812	157,811	240,189	463,882	797,176	139,724	150,510	3,285	127	1,020	416	469	96
South Carolina.....	27,920	52,436	28,167	55,223	86,819	175,290	30,432	31,337	196	30	486	73	128	26
Georgia.....	153,250	258,894	165,448	282,628	427,943	777,187	117,871	155,811	198	299	520	726	177	215
Florida.....	55,115	102,709	63,669	109,821	287,069	333,898	77,260	66,881	46	8	165	20	68	8
<b>E. SOUTH CENTRAL:</b>														
Kentucky.....	778,154	716,158	793,537	755,172	3,448,848	3,617,497	974,347	737,632	2,967	168	7,702	324	2,068	163
Tennessee.....	470,337	307,804	465,979	364,715	1,854,172	1,396,295	466,456	263,531	1,422	572	4,232	1,486	1,653	428
Alabama.....	109,112	229,298	120,639	299,118	330,884	744,274	85,677	150,943	383	237	808	469	238	140
Mississippi.....	156,230	236,470	153,548	251,929	480,581	779,310	122,096	144,758	331	85	1,303	268	356	84
<b>W. SOUTH CENTRAL:</b>														
Arkansas.....	96,517	168,761	101,318	194,726	376,877	636,474	86,045	118,922	3,118	700	7,265	1,763	1,516	487
Louisiana.....	139,303	169,234	137,985	171,269	424,865	547,641	99,424	90,317	538	118	1,044	388	226	92
Oklahoma.....	48,996	61,183	46,492	64,187	281,750	329,136	55,187	46,249	3,774	1,882	10,303	1,483	2,354	1,313
Texas.....	1,377,724	1,439,940	2,007,365	2,038,538	10,257,779	9,638,002	2,202,342	1,428,122	1,077,463	136,330	1,997,924	274,810	468,219	77,478
<b>MOUNTAIN:</b>														
Montana.....	4,959,835	4,215,214	4,724,747	4,348,568	37,660,631	30,437,829	8,223,574	5,136,668	2,357	1,254	8,328	2,730	2,056	824
Idaho.....	2,110,330	1,965,467	2,250,570	2,103,180	16,377,265	15,474,447	3,345,037	2,210,790	2,836	4,473	16,412	11,698	4,384	3,899
Wyoming.....	4,826,563	3,327,183	5,115,798	3,300,571	42,827,866	27,738,309	8,912,608	4,036,227	2,729	2,427	14,238	8,100	3,808	2,412
Colorado.....	1,305,596	1,352,823	1,233,686	1,390,400	7,963,219	8,543,337	1,468,003	1,115,311	2,547	814	7,894	1,843	2,024	550
New Mexico.....	2,894,984	3,333,743	3,092,784	3,659,417	15,904,011	15,209,199	3,131,971	1,964,717	155,980	55,766	94,898	113,545	96,158	29,917
Arizona.....	916,600	698,458	918,600	701,361	5,063,800	3,352,037	983,761	426,318	103,229	13,874	246,022	27,030	63,120	7,326
Utah.....	1,670,890	2,553,134	1,663,074	2,676,763	12,220,627	17,050,977	2,066,827	2,599,638	13,040	187	44,708	409	11,240	1,278
Nevada.....	824,875	568,251	891,598	624,546	6,223,667	4,842,500	1,062,418	692,403	2,870	5,303	7,719	10,590	1,453	3,626
<b>PACIFIC:</b>														
Washington.....	295,264	558,022	322,444	576,555	3,135,348	5,268,088	536,708	618,975	5,154	1,335	19,120	4,000	4,666	1,097
Oregon.....	1,953,342	1,961,385	2,135,717	2,139,504	18,841,852	18,349,660	3,782,721	2,390,741	14,588	79,258	223,433	207,780	128,230	74,363
California.....	1,825,288	1,724,968	2,862,800	2,882,365	14,064,703	13,680,495	4,243,9							

## POULTRY AND EGGS.

United States as a whole: 1909 and 1899.—As in the case of wool, the reports of the enumerators as to the production of poultry and eggs in 1909 were somewhat incomplete, and it was deemed desirable to make estimates to cover this deficiency, particularly in order to make the data comparable with those for 1899, which included estimates. Table 16 shows the actual returns of the quantity and value of eggs and of poultry produced in 1909, with estimated totals for that year and for 1899. No estimates have been made regarding the sale of eggs and poultry in 1909, although this was done at the preceding census, and it is probable that the reported figures, which are also given in the table, are less than the true totals, although perhaps not so deficient as the reported production.

Table 16	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowlson farms April 15, 1910.	5,585,932	295,880,190		
On farms reporting eggs produced in 1909.	4,833,759	273,255,924		
On other farms.	751,273	22,624,266		
Eggs produced, as reported, 1909.	4,883,507		1,457,385,772	\$281,157,980
Total production of eggs (partly estimated):				
1909.		1,591,311,371	306,688,960	
1899.		1,293,662,433	144,240,541	
Increase, 1899 to 1909.		297,648,938	162,448,419	
Per cent of increase.		23.0	112.6	
Eggs sold, as reported, 1909.	3,840,967		926,465,787	180,738,249
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.	4,761,774	270,540,564		
On other farms.	823,258	25,339,626		
Poultry raised, as reported, 1909	4,832,496		No. of fowls, 445,650,124	185,390,856
Total poultry raised (partly estimated):				
1899.		292,506,272	488,468,354	202,506,272
1909.		270,540,564	445,650,124	185,390,856
Increase, 1899 to 1909.		78,034,288	137,187,770	17,115,384
Per cent of increase.		26.7	28.2	8.5
Fowls sold, as reported, 1909.	3,638,932		153,600,169	75,273,524

The total number of farms which reported fowls on hand April 15, 1910, was 5,585,932, and the number of fowls, 295,880,000. Of these farms, however, the enumerators reported the production of eggs for only

4,833,759, the number of fowls on such farms in 1910 being 273,256,000, or about 8 per cent less than the total. The number of eggs reported (including that on the small number of farms, about 50,000, which reported eggs produced in 1909 but no fowls on hand in 1910) was 1,457,386,000 dozens. These returns may somewhat understate the production of eggs even on the farms to which they relate, since farmers seldom keep accurate records of egg production and are apt to underestimate it, particularly by underestimating the home consumption; but there is no means of judging the extent of the deficiency due to this cause. An estimate may, however, be made for farms which reported no eggs produced in 1909, although they had fowls in 1910.<sup>1</sup> In this way a total of 1,591,311,000 dozens is obtained as the approximate production of eggs in the country in 1909. The production of 1899 (also partly estimated) was 1,293,662,000 dozens, the increase in 1909 as compared with 1899 being 23 per cent.

The value of eggs produced in 1909 (including estimates) was \$306,689,000, or considerably more than twice as much as that for 1899. The average value per dozen, as reported by the farmers, increased from \$0.111 to \$0.193.

About three-fourths of the farmers who reported the production of eggs in 1909 reported also that they sold eggs during that year. The number sold by them, as reported, was 926,466,000 dozens.

The reasons for the incompleteness of the reports of poultry and eggs produced are similar to those in the case of wool, set forth in a preceding footnote. The method of estimate used for poultry and eggs is slightly different from that used in the case of wool, and theoretically somewhat less correct. Instead of calculating the total production by applying to the total number of fowls the ratio between (1) the number of fowls on hand April 15, 1910, on farms reporting also the production of fowls or eggs in 1909, and (2) the total reported production of fowls or of eggs in 1909 on the same farms, it was calculated from the ratio between (1) the number of fowls on hand April 15, 1910, on farms reporting also the production of fowls or eggs in 1909, and (2) the total reported production of fowls or eggs in 1909, which includes a small production on farms not reporting fowls on hand in 1910. The quantity produced on farms of the latter class was so insignificant as not to justify the additional labor of a separate tabulation.

Table 17

DIVISION.	FOWLS ON HAND APRIL 15, 1910						EGGS PRODUCED, AS REPORTED, 1909		EGGS RAISED, AS REPORTED, 1909		Total number of fowls raised, partly estimated: 1909	
	Total.		On farms reporting eggs produced in 1909.		On farms reporting fowls raised in 1909.		Farms reporting.	Quantity (dozens).	Total production of eggs, partly estimated (dozens): 1909	Farms reporting.		Number.
	Farms reporting.	Number.	Farms reporting.	Number.	Farms reporting.	Number.						
United States	5,585,932	295,880,190	4,833,759	273,255,924	4,761,774	270,540,564	4,883,507	1,457,385,772	1,591,311,371	4,832,496	445,650,124	488,468,354
New England	150,643	7,078,636	135,310	6,629,735	127,114	6,430,590	142,165	51,487,318	55,078,175	135,278	10,143,637	11,139,439
Middle Atlantic	425,443	26,004,623	399,783	24,346,744	379,793	24,134,144	306,012	135,222,031	301,921,295	288,000	32,688,611	33,115,031
East North Central	1,045,726	71,941,827	959,197	68,176,004	941,226	67,434,087	966,240	379,065,950	392,309,118	950,627	96,463,941	102,486,192
West North Central	1,607,771	88,684,588	1,505,546	82,504,127	874,569	82,201,225	1,001,500	418,838,848	446,336,192	882,408	114,871,313	123,853,567
South Atlantic	897,178	27,838,258	843,969	24,773,773	840,233	25,512,248	859,798	125,634,154	136,073,707	854,316	64,779,065	70,732,154
East South Central	897,145	29,418,569	762,182	24,683,538	760,641	24,391,225	779,893	117,141,106	129,133,681	771,066	55,472,822	61,190,837
West South Central	806,267	31,301,899	645,247	27,476,944	637,835	27,089,614	651,667	136,787,145	165,557,865	647,003	50,796,202	59,068,127
Mountain	138,396	5,708,606	162,715	4,428,338	163,010	4,492,094	94,731	28,518,888	35,594,102	91,166	6,912,313	8,790,199
Pacific	148,283	10,183,722	118,245	8,991,151	114,265	8,655,407	112,263	69,790,277	69,401,873	114,627	12,592,832	14,008,717

On the basis of similar estimates for farms with incomplete reports, the total number of fowls raised in 1909 (including those sold, killed, or on hand April 15, 1910) was 488,468,000 and their value \$202,506,000. The census of 1900 did not call for the number of fowls raised in 1899, but the value of fowls raised in that year (partly estimated) was \$136,830,000, the increase between 1899 and 1909 being 48 per cent. The number of fowls reported sold in 1909 was about one-third of the number raised.

**Divisions and states: 1909 and 1899.**—Table 17, on the preceding page, shows, by geographic divisions, the production of fowls and of eggs as reported for 1909, with estimates of the total production.

There is a decidedly greater difference in the Mountain, West South Central, and Pacific divisions than elsewhere between the reported production of eggs and fowls and the estimated total production.

Table 21 shows, by divisions and states, the total number and value of eggs produced and the total value of fowls raised (including estimates) in 1909 and 1899, respectively, and also the sales as reported.

The relative importance of the several geographic divisions in the production and sale of eggs and of fowls may be more conveniently judged by Table 18, which shows the percentages of the totals which were reported from each division.

are sold than in other divisions, so that certain differences appear between the percentages showing the distribution of sales and those showing the distribution of production.

Table 19 shows, by geographic divisions, the increase in the quantity and value of eggs produced, and in the value of fowls raised, between 1899 and 1909.

DIVISION.	INCREASE: 1899 to 1909					
	Eggs produced.			Fowls raised.		
	Quantity (dozens).	Per cent.	Value.	Per cent.	Value.	Per cent.
United States.....	237,648,838	23.0	\$162,448,419	112.6	\$65,676,120	48.0
New England.....	4,391,595	8.7	6,192,560	69.1	6,315,687	46.9
Middle Atlantic.....	20,844,174	14.8	17,838,401	90.9	5,948,588	38.2
East North Central.....	42,784,628	18.2	37,614,304	100.0	11,694,914	32.2
West North Central.....	79,191,972	33.6	40,908,806	111.8	18,787,023	56.0
South Atlantic.....	30,725,771	23.2	14,838,386	127.1	8,806,158	37.0
East South Central.....	24,257,321	23.2	12,009,679	116.9	5,225,245	37.6
West South Central.....	48,327,365	41.2	16,203,524	159.0	6,514,959	62.7
Mountain.....	17,843,538	88.5	5,001,807	187.9	2,486,450	111.8
Pacific.....	29,774,573	75.1	11,200,859	178.2	3,543,686	88.0

The absolute increase, both in the quantity of eggs produced and in the value of fowls raised, was greatest in the West North Central division, but the percentages of increase were higher in some of the divisions of the South and the West.

Table 20 shows, by geographic divisions, the average value of eggs and of fowls produced and sold, respectively, in 1909 and of eggs produced in 1899.

DIVISION.	AVERAGE VALUE.				
	Eggs per dozen.		Fowls.		
	Produced.		Sold:	Raised:	Sold:
	1909	1899	1909	1909	1909
United States.....	\$0.193	\$0.111	\$0.195	\$0.415	\$0.490
New England.....	0.275	0.177	0.278	0.661	0.709
Middle Atlantic.....	0.252	0.159	0.232	0.593	0.642
East North Central.....	0.192	0.108	0.192	0.468	0.522
West North Central.....	0.174	0.109	0.173	0.423	0.490
South Atlantic.....	0.195	0.111	0.197	0.345	0.403
East South Central.....	0.173	0.098	0.172	0.313	0.373
West South Central.....	0.159	0.087	0.161	0.239	0.345
Mountain.....	0.242	0.164	0.245	0.497	0.561
Pacific.....	0.252	0.159	0.253	0.521	0.560

The average value of eggs produced in 1909, as reported by the farmers, ranged from 27.5 cents per dozen in the New England division to 15.9 cents in the West South Central. In most divisions the average value of eggs sold was reported at a slightly higher figure than that of eggs produced. In every division the average value of eggs produced was very much higher in 1909 than in 1899. The average value of all fowls raised in 1909 ranged from 66.1 cents each in the New England division to 29.9 cents in the West South Central, while the value of those sold ranged from 70.9 cents to 34.5 cents.

DIVISION.	PER CENT OF UNITED STATES TOTALS.									
	Eggs produced.				Quantity of eggs sold: 1909	Fowls raised.				Number of fowls sold: 1909
	Quantity.		Value.			Quantity.		Value.		
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	3.5	3.9	4.9	6.2	4.0	2.3	3.6	3.7	3.4	10.7
Middle Atlantic.....	10.2	10.9	12.2	13.6	11.9	7.4	10.6	11.4	10.7	10.7
East North Central.....	24.7	27.0	24.5	28.1	27.7	21.0	23.7	26.5	25.1	25.1
West North Central.....	28.0	28.4	25.3	28.4	29.8	25.4	25.8	24.5	23.8	23.8
South Atlantic.....	8.6	8.1	8.7	8.1	7.4	14.5	12.1	11.4	13.5	13.5
East South Central.....	8.1	8.1	7.3	7.1	6.8	12.5	9.4	10.2	10.0	10.0
West South Central.....	10.4	9.1	8.6	7.1	6.5	12.1	8.7	7.9	8.3	8.3
Mountain.....	2.2	1.4	2.8	2.1	1.5	1.8	2.2	1.4	1.4	1.4
Pacific.....	4.4	3.1	5.7	4.4	4.5	3.0	3.8	3.0	3.8	3.8

The distribution of the production of eggs and of poultry among the divisions naturally conforms more or less closely to the distribution of the number of fowls on hand. In 1909 the West North Central division produced 28 per cent of the eggs and 25.4 per cent of the fowls, the corresponding percentages for the East North Central division being 24.7 and 21, respectively. The West South Central division ranked third in the production of eggs, but the South Atlantic ranked third in the number of fowls raised.

In some of the divisions a considerably larger proportion of the eggs produced and of the fowls raised

LIVE STOCK PRODUCTS.

PRODUCTION AND SALES OF EGGS AND POULTRY, BY DIVISIONS AND STATES.

Table 21 DIVISION OR STATE.	EGGS PRODUCED (PARTLY ESTIMATED).				FOWLS RAISED (PARTLY ESTIMATED).			EGGS SOLD, AS REPORTED.		FOWLS SOLD, AS REPORTED.	
	Quantity (dozens).		Value.		Number.	Value.		Quantity (dozens).	Value.	Number.	Value.
	1909	1899	1909	1899	1909	1909	1899	1909	1909	1909	1909
<b>United States.....</b>	<b>1,591,311,371</b>	<b>1,283,622,432</b>	<b>\$206,688,969</b>	<b>\$144,240,541</b>	<b>458,468,354</b>	<b>\$202,506,272</b>	<b>\$136,830,152</b>	<b>926,465,787</b>	<b>\$180,768,242</b>	<b>153,600,169</b>	<b>\$75,273,524</b>
<b>GEOGRAPHIC DIVISIONS:</b>											
New England.....	55,078,175	50,686,580	15,155,991	8,963,398	11,139,453	7,361,085	5,945,951	37,025,214	10,288,343	5,156,345	3,657,885
Middle Atlantic.....	141,077,429	107,477,429	37,907,552	19,649,091	36,313,031	21,527,077	15,578,488	116,990,444	25,401,087	16,392,968	10,529,042
East North Central.....	392,304,118	349,519,490	75,237,900	37,623,596	102,496,192	47,972,887	36,277,973	255,349,132	49,181,738	38,407,611	20,104,214
West North Central.....	446,336,192	367,144,220	77,493,327	36,384,521	123,553,667	52,337,180	33,550,148	275,973,530	47,835,052	36,401,202	17,957,269
South Atlantic.....	136,073,767	105,349,996	26,545,679	11,657,293	70,792,154	24,413,963	15,553,805	68,946,260	13,615,214	20,774,474	8,377,958
East South Central.....	129,133,681	104,866,360	22,283,364	10,273,683	61,199,837	19,128,878	13,903,633	62,699,552	10,808,834	15,338,379	5,717,349
West South Central.....	165,557,865	117,230,500	26,395,705	10,192,241	59,066,127	17,681,375	10,866,416	60,044,751	9,664,886	12,727,013	4,389,453
Mountain.....	35,504,102	18,160,567	8,582,548	2,880,741	8,799,190	4,373,143	1,886,693	13,654,183	3,341,609	2,215,484	1,243,964
Pacific.....	69,401,873	39,627,300	17,456,834	6,288,975	14,808,717	7,710,731	4,167,045	41,673,721	10,551,486	5,886,691	3,296,408
<b>NEW ENGLAND:</b>											
Maine.....	14,935,959	13,304,150	3,792,335	2,038,225	2,601,733	1,454,815	955,465	10,340,134	2,659,117	1,213,689	727,748
New Hampshire.....	7,499,470	7,005,180	2,043,338	1,213,700	1,394,654	879,014	610,696	4,948,014	1,373,432	623,092	411,441
Vermont.....	7,037,082	6,271,880	1,715,221	959,963	1,282,524	759,362	689,109	4,434,120	1,092,578	579,614	387,410
Massachusetts.....	14,145,240	12,928,630	4,289,445	2,571,341	3,212,339	2,411,078	1,407,681	9,614,504	2,914,755	1,396,472	287,829
Rhode Island.....	2,894,081	3,217,310	848,527	656,485	602,335	482,015	398,790	2,246,679	609,984	295,413	159,322
Connecticut.....	8,566,343	7,959,430	2,476,125	1,523,319	2,045,854	1,374,754	984,207	5,434,763	1,578,477	848,065	598,132
<b>MIDDLE ATLANTIC:</b>											
New York.....	72,349,034	62,096,690	17,101,732	8,630,062	13,980,792	8,403,162	6,161,429	48,074,481	11,394,511	5,806,367	3,766,603
New Jersey.....	14,842,859	11,042,550	3,903,905	1,908,304	4,847,288	3,846,029	2,265,510	9,578,886	2,535,668	2,940,200	1,130,991
Pennsylvania.....	74,729,705	67,083,180	16,502,815	8,080,725	17,484,951	9,277,886	7,151,243	52,446,077	10,968,908	8,400,631	4,613,848
<b>EAST NORTH CENTRAL:</b>											
Ohio.....	100,889,599	91,766,630	19,748,658	10,280,769	23,433,003	10,997,033	8,847,009	69,575,637	13,698,800	9,123,564	4,754,091
Indiana.....	89,755,437	70,782,200	15,287,205	7,441,944	23,067,814	10,726,137	8,179,963	53,809,415	10,213,390	8,127,961	4,323,074
Illinois.....	100,119,418	86,402,670	18,940,454	8,942,401	32,352,888	15,404,028	11,307,599	62,036,537	11,745,515	12,096,388	6,335,047
Michigan.....	59,915,831	54,318,414	11,734,799	6,104,462	12,877,537	6,191,440	4,561,945	38,568,386	7,347,202	5,289,794	2,746,220
Wisconsin.....	50,623,813	42,249,580	9,526,784	4,854,020	10,764,948	4,633,649	3,398,427	32,298,836	6,067,967	5,529,884	1,945,786
<b>WEST NORTH CENTRAL:</b>											
Minnesota.....	53,807,974	45,208,130	9,767,410	4,437,148	11,802,787	4,714,919	2,927,717	34,347,776	6,212,270	3,704,433	1,795,502
Iowa.....	109,760,487	99,621,620	19,233,600	10,016,707	29,960,147	13,914,985	9,491,819	70,835,349	12,387,533	10,388,967	5,207,079
Missouri.....	111,816,693	85,203,290	19,345,602	8,315,371	31,913,210	14,572,585	9,535,252	71,885,145	12,452,508	10,656,882	5,833,472
North Dakota.....	17,294,322	7,488,400	3,045,687	782,790	4,043,481	1,830,402	594,751	6,464,074	1,142,043	588,492	283,972
South Dakota.....	25,067,489	17,349,750	4,244,231	1,727,990	6,186,427	2,355,567	1,020,382	14,226,323	2,717,555	1,314,046	570,884
Nebraska.....	46,929,923	41,132,140	7,990,377	4,068,002	15,274,150	5,866,508	3,499,044	25,380,697	4,322,484	3,750,940	1,588,357
Kansas.....	81,659,304	73,190,500	18,864,360	7,237,111	24,583,465	9,382,214	6,191,183	52,833,166	9,946,839	6,207,442	2,737,013
<b>SOUTH ATLANTIC:</b>											
Delaware.....	4,448,482	3,571,870	968,970	488,401	1,562,370	838,533	596,391	3,346,683	729,306	623,200	335,215
Maryland.....	15,533,732	12,511,450	3,235,759	1,572,682	5,949,459	3,011,382	2,077,490	10,526,537	2,191,615	2,273,501	1,313,301
District of Columbia.....	51,945	42,580	15,277	6,492	15,614	9,102	5,480	10,660	5,709	5,152	2,341
Virginia.....	35,100,660	25,550,460	6,882,276	2,836,899	16,290,508	6,145,236	3,744,664	21,113,160	4,180,530	6,069,990	2,666,705
West Virginia.....	19,159,008	17,242,400	3,672,193	1,877,675	5,543,096	2,238,696	1,843,732	11,762,888	2,250,362	2,009,220	960,406
North Carolina.....	23,556,124	17,704,020	4,256,700	1,816,116	15,227,685	4,496,707	2,689,790	10,471,857	1,908,721	4,617,041	1,430,191
South Carolina.....	11,049,468	9,007,020	2,162,797	925,966	8,811,348	2,548,179	1,599,745	2,766,445	547,894	544,709	455,066
Georgia.....	20,743,359	15,505,330	3,971,700	1,615,338	14,900,716	4,119,870	2,481,016	6,135,393	1,177,450	2,904,115	848,104
Florida.....	6,380,956	4,214,188	1,378,878	533,524	2,461,358	1,066,198	574,708	2,806,437	623,628	727,546	319,599
<b>EAST SOUTH CENTRAL:</b>											
Kentucky.....	44,313,377	35,337,340	7,695,116	3,460,607	19,247,287	6,937,008	4,970,033	24,744,940	4,250,081	5,086,361	2,272,477
Tennessee.....	42,043,104	31,807,990	7,308,147	3,115,335	17,415,208	5,774,175	4,282,740	24,947,449	4,248,340	5,330,639	2,075,792
Alabama.....	22,234,713	18,778,960	3,702,449	1,825,978	12,467,498	3,168,471	2,263,346	7,665,603	3,303,303	2,676,890	715,539
Mississippi.....	20,542,487	18,942,070	3,637,667	1,871,765	12,039,856	3,249,224	2,387,484	5,691,560	1,007,116	2,294,489	633,541
<b>WEST SOUTH CENTRAL:</b>											
Arkansas.....	27,054,474	25,694,860	4,459,272	2,328,509	10,808,738	2,868,562	2,170,634	10,814,584	1,735,524	2,344,601	688,528
Louisiana.....	14,657,544	12,820,290	2,448,502	1,281,713	6,337,010	1,948,515	1,435,116	5,627,297	920,544	1,088,236	333,820
Oklahoma.....	46,000,600	20,674,540	7,544,445	1,909,832	16,264,003	5,388,133	1,950,304	18,860,829	3,131,023	3,562,200	1,324,940
Texas.....	77,845,631	58,040,810	11,943,540	5,472,187	25,656,356	7,481,163	5,311,362	24,747,033	3,867,795	5,701,978	2,042,167
<b>MOUNTAIN:</b>											
Montana.....	6,904,051	3,002,801	1,610,766	631,143	1,422,741	797,450	398,487	2,116,423	584,953	371,847	237,050
Idaho.....	6,462,270	2,879,590	1,548,431	465,504	1,663,272	800,709	282,468	2,370,546	573,098	370,776	208,134
Wyoming.....	2,091,716	807,570	501,386	163,517	319,169	190,539	70,498	542,645	133,157	106,275	59,825
Colorado.....	10,622,296	5,704,290	2,444,000	832,879	2,706,945	1,380,639	587,536	4,026,285	951,851	670,128	384,812
New Mexico.....	2,976,233	839,890	683,441	117,175	1,822,045	367,907	90,152	882,850	212,679	194,917	80,848
Arizona.....	1,744,081	819,057	530,746	163,274	392,286	225,640	114,884	820,377	250,488	134,098	85,277
Utah.....	4,672,866	3,387,349	999,959	434,628	971,917	412,359	202,502	2,315,120	499,888	208,015	140,788
Nevada.....	870,489	589,490	263,813	122,522	190,815	115,510	71,175	345,392	168,385	69,328	47,220
<b>PACIFIC:</b>											
Washington.....	16,472,575	7,473,790	3,811,291	1,259,225	3,722,257	1,873,608	848,291	8,257,408	2,302,128	1,250,839	693,092
Oregon.....	11,906,963	7,799,070	2,912,849	1,162,071	2,635,492	1,416,698	826,687	6,233,620	1,531,932	957,544	584,660
California.....	41,022,365	24,443,540	10,262,694	3,864,679	8,430,968	4,420,515	2,492,067	26,867,987	7,717,426	3,678,208	2,018,856

1 Includes Indian Territory.

## HONEY AND WAX.

United States and states: 1909 and 1899.—Table 22 shows, for each division and state, the quantity of honey and of wax produced, respectively, and

their combined value, in 1909 and 1899. The figures are as reported by the enumerators, and probably somewhat understate the true production.

Table 22 DIVISION OR STATE.	HONEY PRODUCED (POUNDS).		WAX PRODUCED (POUNDS).		VALUE OF HONEY AND WAX.		DIVISION OR STATE.	HONEY PRODUCED (POUNDS).		WAX PRODUCED (POUNDS).		VALUE OF HONEY AND WAX.	
	1909	1899	1909	1899	1909	1899		1909	1899	1909	1899	1909	1899
	United States.....	54,814,880	61,099,290	904,867	1,763,535	\$5,992,083		\$6,656,611	W. No. CENTRAL— Continued:				
Geographic Divs.:							Nebraska.....	627,868	866,200	3,336	16,000	73,398	106,776
New England.....	594,117	732,078	8,251	29,892	108,528	119,581	Kansas.....	609,785	1,187,569	4,232	19,236	84,437	151,873
Middle Atlantic.....	5,184,165	6,122,949	66,393	153,017	675,363	681,566	SOUTH ATLANTIC:						
E. North Central.....	7,775,543	11,399,724	132,735	221,220	972,884	1,315,358	Delaware.....	62,777	101,410	2,756	1,900	8,235	10,536
W. North Central.....	6,744,608	8,655,778	93,633	175,354	804,367	1,037,610	Maryland.....	306,367	306,788	4,358	7,860	39,244	38,867
South Atlantic.....	7,362,660	9,498,845	172,990	379,150	1,029,263	1,269,230	District of Col.....	3,657	.....	.....	.....	.....	477
E. South Central.....	4,477,559	8,095,170	111,300	345,900	550,185	861,123	Virginia.....	1,344,000	1,708,320	29,882	60,110	173,691	195,886
W. South Central.....	4,485,980	6,784,554	92,177	245,000	498,773	692,018	West Virginia.....	1,550,739	1,673,120	11,690	30,180	231,630	199,089
Mountain.....	6,577,909	4,992,425	88,447	74,410	374,983	415,692	North Carolina.....	1,809,127	2,477,800	76,400	135,920	230,565	263,730
Pacific.....	11,628,270	3,177,628	138,856	141,610	826,268	506,397	South Carolina.....	653,119	872,590	12,440	37,500	79,806	92,857
New England:							Georgia.....	884,662	1,650,745	23,434	73,372	101,888	109,723
Maine.....	112,651	200,080	2,260	6,570	20,686	34,461	Florida.....	747,852	677,500	18,633	32,290	60,906	58,500
New Hampshire.....	65,028	89,200	792	3,350	13,623	17,686	E. SOUTH CENTRAL:						
Vermont.....	100,283	182,278	2,809	8,652	26,166	37,166	Kentucky.....	1,588,670	2,681,720	17,307	53,120	202,242	291,219
Massachusetts.....	96,802	109,050	1,016	6,250	19,176	18,412	Tennessee.....	1,468,123	2,494,580	28,864	79,590	183,962	259,601
Rhode Island.....	14,221	28,450	185	890	2,959	5,156	Alabama.....	891,954	1,939,410	50,943	162,020	99,977	197,372
Connecticut.....	145,722	122,960	1,096	4,690	25,913	16,576	Mississippi.....	559,012	1,048,490	15,155	43,170	64,862	113,021
MIDDLE ATLANTIC:							W. SOUTH CENTRAL:						
New York.....	3,191,733	3,422,497	43,198	84,075	389,642	352,795	Arkansas.....	913,515	1,405,320	29,403	59,340	112,968	156,943
New Jersey.....	152,072	174,250	1,372	7,646	22,917	23,479	Louisiana.....	340,134	426,490	12,784	20,440	33,911	45,200
Pennsylvania.....	1,840,650	2,526,262	21,823	61,262	362,808	305,292	Oklahoma.....	180,234	172,660	1,088	5,500	24,096	121,348
E. NORTH CENTRAL:							Texas.....	3,068,097	4,789,304	58,802	159,693	322,798	468,527
Ohio.....	1,001,179	1,988,536	7,454	34,629	133,891	252,321	MOULTAIN:						
Indiana.....	687,697	1,081,554	11,153	27,792	98,715	219,110	Montana.....	163,510	19,990	394	130	21,935	3,706
Illinois.....	1,428,659	2,961,080	26,240	75,290	200,743	263,200	Idaho.....	1,011,068	379,450	8,018	6,550	88,382	42,725
Michigan.....	2,507,810	2,099,460	28,524	38,840	296,742	200,612	Wyoming.....	138,924	19,220	1,563	540	16,722	7,676
Wisconsin.....	2,183,180	2,077,106	55,402	46,670	325,728	270,742	Colorado.....	2,398,462	1,755,650	32,682	24,930	224,634	171,740
W. NORTH CENTRAL:							New Mexico.....	639,528	139,998	5,347	2,260	39,638	13,836
Minnesota.....	976,262	986,446	16,800	20,626	122,717	118,884	Arizona.....	803,420	803,420	15,012	15,980	57,203	65,489
Iowa.....	2,374,080	2,530,784	44,206	49,214	326,429	302,183	Utah.....	1,138,691	1,292,118	16,667	24,740	79,763	94,864
Missouri.....	2,105,815	3,018,929	23,784	69,258	274,174	348,604	Nevada.....	354,905	178,650	7,766	3,380	37,002	17,156
North Dakota.....	11,084	7,530	92	93	1,862	1,149	PACIFIC:						
South Dakota.....	139,714	49,520	943	770	20,443	6,247	Washington.....	563,580	530,790	4,088	9,540	65,391	65,211
							Oregon.....	839,981	979,140	8,283	16,740	94,100	109,247
							California.....	10,264,715	3,667,738	126,445	115,339	663,367	351,609

<sup>1</sup> Includes Indian Territory.

The total production of honey in the United States in 1909 was reported as 54,815,000 pounds, a decrease of 10.3 per cent as compared with 1899. Wax, which is a relatively unimportant product, showed a much greater decrease. The combined value of honey and wax in 1909 was \$5,992,000, or 10 per cent less than in 1899.

## DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.

United States as a whole.—Table 23 shows, for the United States as a whole, the number and value of

each class of domestic animals sold or slaughtered on farms during 1909.

Table 23

DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS IN 1909.

	All classes.	Cattle (exclusive of calves).	Calves.	Horses.	Mules.	Asses and burros.	Swine.	Sheep.	Goats.
Total sold or slaughtered:									
Number.....	21,961,637	7,874,348	1,768,342	716,962	17,734	52,878,675	19,520,983	526,552	
Value.....	1,835,175,487	699,375,179	59,775,179	210,264,479	94,359,559	1,833,101	691,613,882	84,774,271	1,181,312
Average value.....	84.23	21.36	7.59	118.90	131.63	103.37	13.08	4.34	2.24
Sold:									
Number.....	20,572,997	6,742,748	1,768,342	716,562	17,734	37,500,158	18,991,456	407,563	
Value.....	1,862,936,694	657,686,916	52,328,184	210,264,479	94,359,559	1,833,011	82,566,542	946,514	1,181,312
Average value.....	91.57	21.76	7.59	118.90	131.63	103.37	13.08	4.34	2.24
Slaughtered:									
Number.....	1,408,640	1,131,600	.....	.....	.....	15,378,517	529,526	118,989	
Value.....	316,888,794	316,888,794	.....	.....	.....	228,660,770	2,267,729	234,562	
Average value.....	226.50	226.50	.....	.....	.....	14.86	4.28	1.97	

The value of all domestic animals sold during 1909 was \$1,562,937,000, and that of animals slaughtered on the farm \$270,239,000, making a total of \$1,833,176,000. To the total value of animals sold, cattle (including calves) contributed \$710,015,000, or 45.4 per cent; horses, mules, and asses and burros together

\$306,457,000, or 19.6 per cent; swine \$83,011,000, or 29.6 per cent; and sheep and goats \$83,453,000, or 5.3 per cent. The number of cattle and sheep slaughtered on farms was equal to but a very small fraction of the number sold, but the number of swine slaughtered was more than two-fifths as great as the number sold.

The value of domestic animals sold as reported for 1909 (\$1,562,937,000) is not at all comparable with the value of animals sold as reported at the Twelfth Census (\$722,614,000), for the reason that the inquiry at the Thirteenth Census related to all animals sold from the farm, while that at the Twelfth Census related only to the sale of animals which had been raised on the farm reporting.

A very considerable number of the animals sold during any given year are animals previously purchased by the farmers, often during the same year. The practice of buying cattle, swine, and sheep to fatten for market is very common among farmers in some sections. Consequently the gross sales of domestic animals include much duplication. On the other hand, if the sales of animals not raised on the farm reporting are excluded, the additional value (often very great) which such animals may acquire between the time of purchase and the time of sale is omitted from the statistics. Finally, it should be noted that the value of animals sold or slaughtered, no matter how determined, by no means represents the true product of the stock raising industry. An animal, such as a horse or a cow, for example, which is raised by a farmer and retained indefinitely for draft or dairy purposes is just as much a product of agriculture as one sold or slaughtered; this is true, in fact, even though such animal merely replaces another which dies of age or disease.

**Divisions and sections.**—Table 24 shows, by geographic divisions, the combined value of all domestic animals sold or slaughtered on farms in 1909.

DIVISION.	VALUE OF ALL DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS IN 1909.			PER CENT OF TOTAL VALUE OF ANIMALS.		
	Total.	Sold.	Slaughtered.	Sold or slaughtered.	Sold.	Slaughtered.
<b>United States</b> .....	\$1,533,175,487	\$1,562,536,894	\$270,238,793	100.0	100.0	100.0
New England.....	30,410,780	24,287,281	6,123,599	1.7	1.6	2.3
Middle Atlantic.....	89,563,068	62,559,683	27,003,385	4.9	4.0	10.1
E. North Central.....	422,925,835	366,849,902	56,075,933	23.1	23.5	20.8
W. North Central.....	715,350,433	694,809,849	20,540,584	39.0	40.2	18.7
South Atlantic.....	102,508,692	56,917,658	45,591,034	5.0	3.6	16.9
E. South Central.....	129,996,105	91,782,197	38,213,908	7.1	5.9	14.1
W. South Central.....	103,003,235	149,019,263	31,983,912	9.9	9.2	11.8
Mountain.....	100,115,107	93,035,953	7,079,154	5.5	6.0	2.6
Pacific.....	61,310,240	53,874,678	7,435,562	3.3	3.4	2.8

Of the total value of animals sold or slaughtered on farms, the West North Central division reported 39 per cent, the East North Central 23.1 per cent, and the West South Central 9.9 per cent, these three divisions together reporting nearly three-fourths of the total. With respect to the value of domestic animals slaughtered on farms, the East North Central division ranked first, followed by the West North Central and the South Atlantic.

Table 25 shows, by geographic divisions, the number and value of each separate class of domestic animals sold or slaughtered on farms during 1909.

DIVISION.	CATTLE (EXCLUDING CALVES).		CALVES.		Horses sold.	Mules sold.	Asses and burros sold.	SWINE.		SHEEP.		GOATS.	
	Sold.	Slaughtered.	Sold.	Slaughtered.				Sold.	Slaughtered.	Sold.	Slaughtered.	Sold.	Slaughtered.
<b>NEW ENGLAND:</b>													
Number.....	434,193	75,679	437,321	101,698	33,894	276	11	325,828	177,164	181,504	41,719	1,048	157
Value.....dollars.	14,063,746	1,778,913	2,338,235	517,424	4,537,190	47,842	234	2,551,918	3,647,138	723,623	185,313	4,593	614
Average value.....dollars.	32.39	23.31	5.33	5.09	134.45	173.34	21.37	7.83	20.56	3.99	4.44	4.38	3.89
<b>MIDDLE ATLANTIC:</b>													
Number.....	850,906	160,473	1,397,252	295,923	103,705	6,315	198	1,075,930	1,135,912	733,294	80,724	1,965	274
Value.....dollars.	28,433,677	4,354,379	9,847,792	1,796,488	12,714,225	938,933	7,319	7,060,888	20,698,621	3,347,996	443,342	9,242	1,155
Average value.....dollars.	33.42	27.13	7.05	6.07	122.60	144.12	36.92	6.56	18.22	4.57	5.49	4.70	2.72
<b>EAST NORTH CENTRAL:</b>													
Number.....	2,788,590	214,267	1,965,546	299,053	476,628	80,665	2,668	11,464,960	2,944,811	3,944,079	57,686	13,439	739
Value.....dollars.	107,686,696	5,637,160	14,637,203	1,996,736	64,630,499	11,477,439	17,814	148,570,628	48,161,673	19,338,167	277,929	48,402	2,365
Average value.....dollars.	38.61	26.31	7.48	6.91	135.37	128.00	64.02	12.99	16.35	4.90	4.82	3.60	3.24
<b>WEST NORTH CENTRAL:</b>													
Number.....	7,334,405	317,627	1,137,087	145,954	636,502	251,347	5,925	17,179,803	2,664,171	2,694,142	45,612	47,825	2,297
Value.....dollars.	283,647,784	7,466,244	10,947,101	1,635,794	79,234,856	35,086,146	846,274	241,711,567	41,796,756	13,182,975	221,074	133,149	6,746
Average value.....dollars.	38.67	23.51	9.63	7.30	124.52	139.69	142.33	14.07	14.07	4.85	4.78	2.94	
<b>SOUTH ATLANTIC:</b>													
Number.....	1,030,151	158,649	398,669	57,969	85,519	42,659	632	1,104,162	3,201,256	965,138	36,701	10,637	1,104
Value.....dollars.	29,306,065	2,880,830	3,036,367	370,715	9,270,128	5,632,701	39,092	8,122,264	42,173,862	4,387,838	141,431	16,037	1,534
Average value.....dollars.	28.51	18.16	7.62	6.40	108.40	132.51	62.80	4.65	13.17	4.41	4.13	2.03	1.53
<b>EAST SOUTH CENTRAL:</b>													
Number.....	1,627,534	129,846	318,428	27,723	98,074	10,392	2,313	2,464,112	2,556,609	1,157,673	34,236	29,825	18,629
Value.....dollars.	32,728,694	1,907,530	2,281,029	176,417	10,013,375	21,258,297	394,504	19,979,597	35,966,100	5,072,379	133,933	52,322	30,902
Average value.....dollars.	21.43	14.69	7.17	6.33	102.10	132.54	170.36	8.14	14.07	4.38	3.91	1.75	1.66
<b>WEST SOUTH CENTRAL:</b>													
Number.....	3,963,730	151,371	747,037	39,236	155,430	146,840	4,636	2,772,498	2,213,893	500,421	20,195	170,094	37,831
Value.....dollars.	83,712,933	2,496,722	6,300,162	300,863	13,141,491	17,554,241	292,650	25,930,428	29,147,363	1,658,083	61,340	368,772	67,344
Average value.....dollars.	20.96	16.50	8.51	7.67	84.55	119.55	63.13	9.35	13.17	3.28	3.04	2.17	1.78
<b>MOUNTAINS:</b>													
Number.....	1,720,798	115,113	133,240	38,572	110,040	7,237	1,028	292,690	6,787,685	153,572	77,821	29,000	3,283
Value.....dollars.	50,144,182	3,078,640	1,384,458	371,991	9,102,421	778,709	40,972	4,106,275	2,962,716	27,298,628	552,670	179,805	83,117
Average value.....dollars.	29.15	26.74	10.39	9.64	82.72	106.28	39.86	10.45	14.38	4.02	3.60	2.31	2.11
<b>PACIFIC:</b>													
Number.....	893,021	85,698	208,231	135,532	68,550	11,541	323	730,205	277,625	1,991,613	59,981	49,549	5,545
Value.....dollars.	27,062,619	2,178,818	4,063,634	971,559	7,690,294	1,955,166	40,151	7,567,967	4,018,611	7,496,253	240,660	118,994	24,614
Average value.....dollars.	31.25	25.42	7.17	7.14	112.19	132.18	125.85	10.36	14.47	3.76	4.07	2.38	2.78

In every geographic division except the East North Central the value of cattle and calves sold in 1909 exceeded that of any other class of animals, but in the East North Central division the value of swine sold was greater than that of cattle and calves.

Marked differences appear among the geographic

divisions with respect to the ratio between the number of animals—particularly swine—sold and the number slaughtered on farms in 1909. In the leading hog raising sections, the East and West North Central divisions, the number sold in 1909 was several times greater than the number slaughtered on the farm, but

in the Middle Atlantic, South Atlantic, and East South Central divisions the number sold was less than the number slaughtered.

It should be noted that the wide variations in average value for asses and burros sold are due to the fact

that in some sections the sales include many high-priced breeding jacks, while in others they represent chiefly pack burros.

Table 26 presents data regarding animals sold or slaughtered on farms in individual states.

NUMBER AND VALUE OF DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS, BY STATES: 1909.

Table 26	VALUE OF ALL DOMESTIC ANIMALS.		NUMBER, BY CLASSES.													
	STATE.	Sold.	Slaughtered.	Cattle (excluding calves).		Calves.		Horses sold.	Mules sold.	Asses and burros sold.	Swine.		Sheep.		Goats.	
				Sold.	Slaughtered.	Sold.	Slaughtered.				Sold.	Slaughtered.	Sold.	Slaughtered.		
<b>United States</b>	<b>\$1,562,936,694</b>	<b>\$270,238,793</b>	<b>20,572,997</b>	<b>1,408,640</b>	<b>6,742,748</b>	<b>1,131,600</b>	<b>1,768,342</b>	<b>716,862</b>	<b>17,734</b>	<b>37,500,158</b>	<b>15,373,517</b>	<b>18,991,456</b>	<b>529,526,407</b>	<b>565,118,989</b>		
<b>NEW ENGLAND:</b>																
Maine	6,531,033	1,888,888	83,922	18,755	98,577	27,396	12,003	44	6	88,107	47,319	89,522	23,277	313	40	
New Hampshire	3,482,591	847,159	54,904	9,116	64,347	10,650	4,966	58	.....	43,008	22,563	64,040	5,987	215	6	
Vermont	5,990,550	1,468,345	145,955	18,832	103,781	41,375	7,158	51	1	93,720	50,786	134,944	6,609	179	8	
Massachusetts	5,014,442	1,006,688	81,661	13,521	95,486	14,187	5,963	16	1	63,930	27,754	6,558	2,412	275	19	
Rhode Island	580,949	165,634	11,177	6,699	9,653	1,173	579	8	1	7,725	3,754	1,153	749	7	.....	
Connecticut	2,687,816	753,285	56,564	8,756	66,477	6,915	3,225	95	2	29,278	25,058	5,887	2,685	59	6	
<b>MIDDLE ATLANTIC:</b>																
New York	29,333,508	9,927,633	451,265	68,793	814,704	212,962	39,552	377	77	407,915	386,264	403,307	51,277	1,085	111	
New Jersey	3,433,924	1,562,926	39,954	3,175	112,885	14,625	4,921	245	1	88,639	73,790	9,356	1,229	82	19	
Pennsylvania	29,592,251	15,712,856	368,687	88,505	469,663	68,936	59,232	5,893	120	579,136	675,939	320,541	28,218	798	144	
<b>E. NORTH CENTRAL:</b>																
Ohio	74,632,856	14,964,130	538,420	54,420	362,046	31,180	104,500	3,664	320	2,317,507	768,195	1,287,737	16,754	3,838	89	
Indiana	81,437,250	11,438,882	463,825	27,040	321,047	23,070	57,247	242	3,030,547	646,581	584,778	3,714	1,665	187		
Illinois	123,622,547	14,438,127	1,029,538	38,466	416,590	81,679	108,925	52,426	2,028	3,745,309	762,545	534,030	4,284	4,232	199	
Michigan	35,915,379	7,652,045	319,063	41,693	293,525	61,896	32,432	84	50	981,880	381,247	1,140,614	17,818	2,410	117	
Wisconsin	42,241,870	7,562,766	447,796	51,040	647,915	93,167	43,656	314	28	1,389,717	386,243	397,284	15,116	1,274	147	
<b>W. NORTH CENTRAL:</b>																
Minnesota	34,121,517	6,942,498	442,034	79,236	176,970	80,493	45,790	687	341	1,038,711	314,597	242,613	16,281	815	161	
Iowa	20,069,001	10,147,302	2,120,255	73,544	256,071	18,235	181,556	15,612	96	5,524,519	507,167	904,869	6,180	15,779	213	
Missouri	143,967,066	15,272,156	1,309,754	32,609	254,702	8,779	124,583	136,436	3,316	4,425,428	949,318	8,847,500	7,461	24,500	1,588	
North Dakota	11,469,158	3,847,590	159,292	31,570	22,263	14,419	36,983	636	78	115,414	33,763	75,459	4,342	121	21	
South Dakota	33,722,056	2,637,084	519,607	28,475	48,862	7,034	50,838	1,511	332	721,831	117,781	227,837	7,246	1,067	68	
Nebraska	106,784,287	5,293,468	1,221,743	42,083	96,821	5,458	91,218	17,541	1,006	2,495,960	261,515	386,872	17,753	2,009	59	
Kansas	130,736,764	7,186,488	1,569,620	30,660	281,396	11,536	105,512	64,924	756	2,857,924	377,566	274,332	2,399	3,488	217	
<b>SOUTH ATLANTIC:</b>																
Delaware	768,034	570,575	7,070	551	19,202	414	1,453	307	5	30,979	27,588	1,301	87	15	2	
Maryland	5,399,896	3,069,871	56,863	5,870	92,359	2,110	10,549	1,882	64	143,415	186,406	76,827	2,962	319	13	
Dist. of Columbia	16,519	7,967	344	8	416	28	9	.....	.....	17	383	.....	.....	.....	.....	
Virginia	20,124,967	8,857,649	314,625	20,668	119,002	5,086	31,878	7,021	115	293,495	537,797	410,025	9,185	1,994	168	
West Virginia	14,159,182	4,296,935	257,733	18,733	58,815	5,108	19,456	2,290	190	121,650	206,701	150,433	8,269	819	74	
North Carolina	7,269,308	11,317,680	163,015	36,132	52,137	14,602	12,230	10,885	151	246,796	783,247	75,437	9,763	2,870	2,201	
South Carolina	2,430,169	4,364,448	57,301	17,687	14,541	6,669	2,818	4,346	64	80,633	309,922	3,894	4,049	1,916	1,364	
Georgia	5,456,350	10,445,370	112,127	37,665	39,507	22,323	5,453	15,028	38	136,651	869,492	1,600	3,562	4,782	4,054	
Florida	1,350,243	2,699,568	60,773	22,012	2,537	1,569	1,667	892	2	60,228	294,753	2,910	1,484	3,286	2,258	
<b>E. SOUTH CENTRAL:</b>																
Kentucky	43,080,628	11,652,749	535,429	39,611	149,896	4,544	43,301	63,902	596	1,169,301	733,642	671,321	10,650	6,915	1,894	
Tennessee	37,637,861	12,209,596	540,891	33,883	114,629	9,548	39,011	78,170	1,535	1,082,134	742,123	456,484	13,466	8,888	4,563	
Alabama	5,545,718	7,646,341	198,226	42,946	30,694	7,877	7,787	12,661	88	123,678	531,015	15,539	5,251	8,022	8,383	
Mississippi	5,819,990	6,745,307	227,778	34,406	32,218	3,757	9,169	94	.....	88,599	496,669	11,239	4,845	4,900	3,787	
<b>W. SOUTH CENTRAL:</b>																
Arkansas	12,914,297	7,499,195	379,678	38,088	86,235	8,379	22,675	25,443	530	376,466	616,359	49,356	5,705	8,675	5,499	
Louisiana	2,933,062	2,847,114	139,319	26,269	15,490	2,667	4,109	3,229	12	61,794	287,447	13,864	3,967	6,331	2,774	
Oklahoma	54,524,144	6,575,550	939,544	23,043	132,870	5,745	39,751	47,117	1,002	1,591,409	424,436	41,768	1,129	5,049	1,185	
Texas	78,447,800	15,181,933	2,535,219	64,051	512,442	22,445	68,497	79,973	3,032	742,769	885,266	401,433	9,386	152,724	23,428	
<b>MOUNTAIN:</b>																
Montana	20,346,948	1,202,151	272,996	19,755	15,389	8,748	31,037	950	4	37,471	33,143	1,543,632	13,785	1,159	52	
Idaho	11,791,635	1,074,045	145,948	12,216	19,098	4,789	13,484	495	15	150,230	47,467	1,021,847	8,494	701	88	
Wyoming	13,573,937	560,745	198,970	9,810	13,716	1,948	12,711	295	5	10,740	13,003	1,276,011	20,832	89	24	
Colorado	22,453,959	1,754,216	437,215	26,818	33,934	11,557	23,821	2,667	403	134,667	52,621	907,460	19,945	5,641	3,740	
New Mexico	10,099,489	842,396	306,347	16,316	16,169	3,668	11,298	2,038	379	20,280	21,061	1,009,504	68,839	48,398	20,627	
Arizona	4,531,545	345,552	146,852	10,773	7,525	1,144	4,367	216	69	9,780	3,299	205,496	8,125	17,763	6,634	
Utah	5,899,382	756,854	110,780	8,298	20,754	5,312	7,009	385	79	30,072	31,229	425,689	15,758	4,068	2,798	
Nevada	4,339,010	423,192	101,190	11,217	3,655	1,416	6,353	254	72	9,660	5,943	328,016	6,973	.....	10	
<b>PACIFIC:</b>																
Washington	7,771,960	2,477,396	94,368	25,067	30,291	44,238	18,156	1,240	84	128,868	92,690	177,169	7,380	966	686	
Oregon	14,972,615	2,401,159	249,733	24,262	30,473	40,756	21,451	1,685	71	129,641	102,755	998,454	15,786	28,832	4,858	
California	31,130,113	2,497,067	548,920	36,319	147,467	50,538	28,993	8,916	166	478,678	82,270	815,900	35,915	19,751	4,001	

## CHAPTER 13.

### FARM CROPS—ACREAGE, PRODUCTION, AND VALUE.

(WITH STATISTICS OF PURCHASE AND SALE OF CROPS SUITABLE FOR FEEDING ANIMALS, AND OF FARM EXPENDITURES FOR LABOR AND FERTILIZERS.)

**Introduction.**—This chapter presents in condensed form the main results of the Thirteenth Census of the United States with reference to the production of crops in 1909. It also contains statistics relating to the purchase and sale of crops suitable for feeding animals and to farm expenditures for labor and fertilizers. Statistics pertaining to Alaska, Hawaii, Porto Rico, and other outlying possessions are not included in the tables.

The tables give figures for each crop by states, though in the case of less important crops states are not named where the production is insignificant. All of the data published in this chapter regarding any particular state can also be found in the supplement for that state, where additional detail concerning the acreage and production of the principal crops by counties is also published.

The tables in general state the acreage, production, and value of each crop, by states, for the census years 1909 and 1899. In the case of orchard and tropical fruits, grapes, and nuts, the census inquiry was as to

the number of trees or vines rather than the acreage. For certain seeds and for straw and cornstalks, acreage was not tabulated because it would largely duplicate the acreage of primary crops. Forest products and maple sugar and sirup are mainly derived from unimproved land and statistics of acreage, even if they could be obtained accurately, would have little significance.

In any comparison of the crop of one year with that of another, acreage, where reported, forms a more accurate index than either the amount or the value of the crop. The crop yield is subject to variations from year to year, according to the prevalence of adverse or favorable weather conditions, while aggregate values reflect changes in the price per unit as well as in the amount of the crop. On the other hand, in the comparison of one crop with another the respective acreages do not indicate the relative importance so accurately as do aggregate values, since the value of the yield per acre for one crop may be much greater than for another.

#### CROPS IN GENERAL.

##### UNITED STATES AS A WHOLE.

**Acreage and value of all crops: 1909 and 1899.**—The principal results of the census of agriculture which relate to crops for 1909 and for 1899 for the United States as a whole are given in Table 1, on the following page.

The total value of all the crops of the United States in 1909 was \$5,487,000,000, as compared with \$2,999,000,000 in 1899. The increase in the later year as compared with the earlier was therefore \$2,488,000,000, or 83 per cent.

The value of the crops for which reports of acreage were secured amounted in 1909 to \$5,074,000,000, or about nine-tenths of the value of all crops. The total acreage of crops with acreage reports in 1909 was 311,293,382. In April, 1910, the land in farms in the United States, according to the census returns, amounted to 878,798,325 acres, of which 478,451,750 acres were improved. The crops with acreage reports, therefore, occupied 35.4 per cent of the total land in farms and 65.1 per cent of the total improved land. If the acreage of fruit and nut crops grown on improved land were added, the proportion of improved land occupied by all crops would probably be between 66 and 67 per cent. The crops with acreage reports

in 1899 occupied 283,218,280 acres, or 68.3 per cent of the improved land reported at the census of 1900. The area devoted to these crops increased by 9.9 per cent between 1899 and 1909, while improved land in farms increased by 15.4 per cent in the same period. The improved land not occupied by the crops specified includes land in improved pastures, land occupied by orchards, for which acreage was not reported, land lying fallow, and land in house yards and barnyards. It is possible that, because of the difficulty in discriminating precisely between improved and unimproved land, the figures for the improved land at the last two censuses are not wholly comparable. Attention is called to the fact that improved farm land, as reported, increased by 64,000,000 acres, while land in crops for which the acreage was given increased only 28,000,000 acres. It should be noted, however, that the acreage devoted to orchards and vineyards probably increased during the decade. There was also an increase of 20.4 per cent in the number of dairy cows, and doubtless a considerable increase in the improved land in pastures. In addition to these increases, it is quite probable that the amount of land lying fallow is greater at the present time than it was a decade ago because of the constant cropping.

ACREAGE, PRODUCTION, AND VALUE OF ALL CROPS, FOR THE UNITED STATES: 1909 AND 1899.

Table 1 CROP.	ACREAGE.				PRODUCTION.				VALUE (DOLLARS).				
	1909	1899	Increase <sup>1</sup>		Unit.	1909	1899	Increase <sup>1</sup>		1909	1899	Increase <sup>1</sup>	
			Amount.	Per cent.				Amount.	Per cent.			Amount.	Per cent.
All crops.....	311,293,382	283,218,280	28,075,102	9.9						5,487,161,223	2,938,794,412	2,548,366,811	85.9
With acreage reports.....	311,293,382	283,218,280	28,075,102	9.9						5,473,987,924	2,768,339,592	2,705,648,332	83.2
With no acreage reports.....										113,183,299	169,472,820	56,284,483	78.8
Corn.....	191,396,363	184,982,230	6,414,133	3.5	Bu.	4,512,564,465	4,388,837,043	123,727,422	1.7	2,665,530,741	1,482,603,040	1,182,926,601	79.8
Oats.....	98,382,669	99,530,676	-1,148,007	-1.2	Bu.	2,532,189,630	2,666,324,270	-114,134,640	-4.3	1,538,653,919	828,192,388	710,461,531	73.7
Wheat.....	35,159,141	29,530,696	5,628,445	19.0	Bu.	1,007,142,980	941,360,000	65,782,980	6.8	4,116,697,422	2,127,098,584	1,989,598,838	93.0
Barley.....	44,282,592	52,588,374	-8,305,782	-15.5	Bu.	685,379,259	659,534,250	25,845,009	3.8	657,836,801	369,945,320	287,771,481	77.8
Rye.....	7,698,706	4,730,190	2,968,516	72.2	Bu.	173,544,212	119,834,877	53,709,335	44.9	92,456,571	61,613,762	30,842,809	122.1
Kaibuckwheat.....	879,848	807,060	72,788	8.8	Bu.	14,849,332	11,233,515	3,615,817	32.2	9,330,592	5,477,853	3,852,739	62.3
Rye.....	2,195,561	2,054,292	141,269	6.9	Bu.	29,539,497	29,568,629	-29,132	-0.1	20,421,812	12,290,540	8,131,272	66.2
Kafir corn and milo maize.....	1,635,153	266,514	1,368,639	513.5	Bu.	17,507,305	5,169,113	12,338,192	240.4	10,816,940	1,367,040	9,449,900	691.3
Entire and speck.....	610,175	342,214	267,961	78.3	Bu.	21,838,500	9,002,886	12,835,614	142.6	16,919,607	6,329,562	10,590,045	153.1
Rough rice.....										97,536,058	51,626,538	45,909,547	88.9
Other grains and seeds.....	5,157,374	4,075,120	1,082,254	26.6		11,251,160	5,060,946	6,186,676	122.2	80,987,389	42,572,102	38,415,287	90.2
With acreage reports.....	5,157,374	4,075,120	1,082,254	26.6		11,251,160	5,060,946	6,186,676	122.2	80,987,389	42,572,102	38,415,287	90.2
Without acreage reports.....										21,771,482	7,633,636	14,137,846	182.2
Dry edible beans.....	18,947	25,738	-16,791	-64.9	Bu.	1,179,733	1,183,388	-36,445	-3.1	241,000	134,084	106,916	74.8
Other beans.....	1,305,099	968,370	336,729	36.8	Bu.	7,129,234	9,440,210	-2,310,976	-24.5	10,993,739	7,908,996	3,084,773	38.6
Peas.....	869,887	516,654	353,233	68.4	Bu.	19,415,810	11,984,109	7,431,702	62.3	18,271,929	7,270,515	11,001,414	151.3
Flaxseed.....	2,083,142	2,110,917	-27,775	-1.3	Bu.	19,214,763	19,497,492	-282,729	-1.4	28,507,534	16,624,980	11,882,554	67.4
Miscellaneous seeds.....	81,308		81,308		Bu.	6,671,348	4,865,078	1,806,270	37.1	768,625	768,625		
Flower and vegetable seeds.....										15,137,683	8,228,417	6,909,266	84.0
Hay and vegetable seeds.....										1,411,013	826,010	584,991	70.8
Hay and forage.....	72,280,776	61,691,069	10,589,707	17.2	Tons.	97,453,735	79,251,562	18,202,173	23.0	824,004,877	484,254,703	339,750,174	70.2
Tobacco.....	1,294,911	1,101,460	193,451	17.6	Lbs.	1,055,764,806	868,112,865	187,651,941	21.6	10,402,862	56,987,902	47,314,354	83.0
Cotton and cotton seed.....										824,606,267	370,708,746	453,897,541	122.5
Cotton.....	32,045,836	24,275,101	7,770,735	32.0	Bales.	10,649,265	9,584,707	1,064,558	11.1	70,019,303	322,716,121	370,861,132	117.3
Cotton seed <sup>2</sup> .....					Tons.	5,324,634	4,767,333	557,281	11.7	12,676,984	46,950,575	74,126,469	157.9
Sugar crops.....										61,648,942	32,604,689	29,044,253	89.1
With acreage reports.....	1,285,031	790,308	494,723	62.6						56,914,133	29,997,978	26,916,155	88.4
Sugar beets.....	361,825	255,223	106,602	41.7	Tons.	9,023,885	793,320	8,230,565	308.7	13,850,784	3,323,240	10,527,544	498.2
Sorghum cane.....	444,089	293,152	150,937	51.5	Tons.	1,647,262	1,910,946	-262,784	-13.8	10,174,467	6,103,102	4,071,365	66.7
Sugar cane.....	476,849	386,986	89,863	23.2	Tons.	6,240,200	4,202,202	2,038,008	48.5	26,415,952	20,414,636	6,001,316	29.6
Maple sugar and sirup.....										5,177,800	2,636,711	2,541,098	96.4
Other minor crops.....										18,068,658	9,590,792	8,477,866	88.4
With acreage reports.....										12,987,360	6,850,854	6,136,711	88.9
Broom corn.....	326,102	178,584	147,518	82.6	Lbs.	78,959,968	60,947,970	17,991,978	33.2	5,134,435	3,988,414	1,146,020	43.1
Hemp.....	7,647	16,042	-8,395	-52.3	Lbs.	7,483,299	11,790,630	-4,307,331	-36.2	412,699	546,338	-133,639	-24.5
Flax.....	44,665	58,613	-13,948	-19.6	Lbs.	40,718,748	49,209,704	-8,490,956	-17.7	7,844,745	4,087,926	3,756,819	65.2
All other.....	12,342	35,974	-23,632	-65.7						505,674	384,153	111,521	29.0
Without acreage reports.....										4,081,106	788,958	3,292,148	416.6
Vegetables.....	7,073,379	5,638,220	1,435,159	25.5						418,110,154	238,531,761	179,578,393	75.3
Potatoes.....	3,668,852	2,948,778	730,077	24.8	Bu.	389,194,965	273,318,167	115,876,798	42.4	1,166,420,910	98,386,110	1,068,034,800	69.2
Sweet potatoes and yam.....	641,259	337,312	303,943	19.3	Bu.	59,232,070	42,517,412	16,714,658	39.3	35,429,176	19,869,840	15,559,336	78.3
Other vegetables.....	2,763,260	2,162,130	600,139	27.8						216,257,098	120,281,811	95,975,287	79.8
Fruits and nuts.....										292,024,216	133,048,721	158,975,495	66.9
Small fruits.....	272,400	369,770	-97,370	-26.6	Qts.	426,363,801	463,218,612	-36,854,811	-7.9	29,974,481	25,029,757	4,944,724	110.8
Strawberries.....	143,045	131,363	11,682	8.9	Qts.	255,702,635	257,457,163	-1,754,528	-0.7	17,015,926			
Blackberries and raspberries and lo- ganberries.....	49,604	50,211	-1,207	-2.4	Qts.	55,343,570	62,189,885	-6,846,315	-11.0	3,909,831			
Grapes.....	48,668	60,916	-12,248	-20.1	Qts.	60,918,196	76,628,167	-15,709,971	-20.5	5,132,227			
Crabapples.....	18,434	20,364	-1,930	-9.5	Qts.	31,000,312	6,678,548	24,321,764	77.8	1,725,073			
All other.....	13,312	18,630	-5,318	-39.5	Qts.	16,359,062	35,373,005	-19,013,943	-58.8	854,884			
Orchard fruits.....					Bu.	216,083,665	212,365,600	3,718,065	1.8	140,567,847	83,750,961	56,816,886	68.2
Apples.....					Bu.	147,522,318	173,397,360	-27,875,042	-15.9	83,234,492			
Peaches and nectar- ines.....					Bu.	35,470,276	15,432,693	20,037,583	129.8	28,781,078			
Pears.....					Bu.	8,840,753	6,625,417	2,215,336	33.3	7,910,600			
Plums and prunes.....					Bu.	15,480,170	8,764,023	6,716,138	77.6	10,299,486			
Cherries.....					Bu.	4,125,959	4,872,699	-746,740	-15.3	4,872,699			
Apricots.....					Bu.	4,150,263	2,642,128	1,508,135	57.1	2,884,119			
All other.....					Bu.	403,336	630,321	-126,985	-21.7	329,403			
Grapes.....					Lbs.	2,571,065,208	1,309,984,097	1,270,681,108	97.6	2,027,961	14,090,234	7,637,727	56.3
Tropical and subtropi- cal fruits.....										24,706,753	8,227,838	16,478,915	200.3
Oranges.....					Boxes.	19,487,481	6,167,891	13,319,590	216.0	17,506,046			
Lemons.....					Boxes.	3,740,919	870,876	2,869,043	326.9	2,965,788			
Pomeios (grape- fruit).....					Boxes.	1,189,250	30,799	1,158,450	732.3	2,060,610			
Figs.....					Lbs.	35,063,206	12,694,854	22,368,351	169.8	833,136			
Pineapples.....					Crates.	778,651	95,459	683,195	717.7	734,090			
Other.....					Lbs.	16,405,499	5,633,637	10,771,862	164.6	404,574			
Nuts.....					Lbs.	62,328,010	40,028,825	22,299,185	55.6	4,447,674	1,949,031	2,498,744	128.1
Almonds.....					Lbs.	6,786,259	7,142,710	-356,451	-5.1	731,107			
Pecans.....					Lbs.	9,890,769	3,200,590	6,683,191	208.4	971,596			
Walnuts (Persian or English).....					Lbs.	22,626,524	10,668,065	11,958,459	106.5	2,297,336			
All other.....					Lbs.	23,617,178	9,011,200	14,605,978	24.2	4,406,772			
Flowers and plants.....	18,248	9,307	8,941	96.1						34,872,329	18,758,864	16,113,465	85.9
Nursery products.....	80,618	66,492	21,126	35.5						21,050,820	10,123,873	10,926,949	77.8
Forest products of farms.....										195,306,283	109,864,774	85,441,509	77.8

1 A minus sign (-) denotes decrease.

2 Estimated.&lt;/

The total value of crops in 1909 was equal to \$59.66 per capita of the population of the United States, while the value per capita in 1899 was \$39.46.<sup>1</sup> There were 6,361,502 farms in the United States in 1910, so that the value of crops in 1909 was equal to an average of \$863 per farm, while the average value of crops per farm for 1899 was \$523.<sup>2</sup>

The Census Bureau has made no attempt to ascertain the total net value of farm products for 1909, including both that of crops and that of animal products. Merely to add the value of these two groups of products together would involve extensive duplication, since large quantities of the crops reported are fed to the animals on the farms. It is impossible to ascertain accurately the amount of such duplication, and the attempt to do so which was made at the Twelfth Census was not considered satisfactory in its results. For this reason the relative importance of crops in the aggregate as a factor in the agricultural production of the United States can not be determined with accuracy.

**Relative importance of different crops: 1909 and 1899.**—In comparing the statistics for individual crops shown in Table 1, it should be noted that the returns are probably more accurate for the leading crops than for the minor crops. The reported production of fruits and vegetables is in all probability less than the true production, as a large proportion of these products are consumed on the farm and farmers are apt to underestimate the amount of such home consumption.

The relative importance of the various individual crops and groups of crops can best be judged from Table 2, which shows, for 1909 and 1899, the percentage of the total improved land occupied by each important crop for which acreage was reported and the percentage which the value of each important crop formed of the total for all crops. The table gives also the average value of each crop per acre wherever data are available.

In 1909, as already stated, crops with acreage reports occupied 65.1 per cent of the total improved land. Cereals occupied 40 per cent—nearly five-eighths of the total acreage of land in crops with acreage reports—hay and forage 15.1 per cent, and cotton 6.7 per cent. These three leading groups together thus occupied 61.8 per cent of the improved land. The distribution of the total value is somewhat different. Cereals in 1909 contributed 48.6 per cent of the total value of crops, hay and forage 15 per cent, cotton (including cotton seed) 15 per cent, vegetables (including potatoes and sweet potatoes and yams) 7.6 per cent, fruits and nuts 4 per cent, forest prod-

ucts of farms 3.6 per cent, tobacco 1.9 per cent, and sugar crops 1.1 per cent, leaving only 3.1 per cent for the other minor crops. Among the individual crops, corn, which occupied 20.6 per cent of the improved farm land in 1909 and contributed 26.2 per cent of the total value of crops in that year, is the most important. None of the other cereals has so great a value as either hay and forage or cotton (including cotton seed). As judged by value, wheat ranks fourth among the crops, oats fifth, and (disregarding forest products as being a combination of items) potatoes sixth.

There was no change in the ranking of the leading crops between 1899 and 1909, but there were, nevertheless, considerable changes in the proportion of improved land occupied by some of them, and in the proportion contributed to the total value of crops.

Table 2

CROP.	PER CENT OF IMPROVED FARM LAND OCCUPIED.		PER CENT OF TOTAL VALUE OF CROPS.		AVERAGE VALUE PER ACRE.	
	1909	1899	1909	1899	1909	1899
All crops.....			100.0	100.0		
With acreage reports.....	65.1	68.3	82.5	92.3	\$16.30	\$9.77
With no acreage reports.....			7.5	7.7		
Cereals.....	40.0	44.6	48.6	49.4	13.93	8.01
Corn.....	20.6	22.9	26.2	27.6	14.62	8.73
Oats.....	7.3	7.1	7.6	7.2	11.79	7.35
Wheat.....	9.3	12.7	12.0	12.3	14.86	7.03
Barley.....	1.6	1.1	1.7	1.4	12.01	9.31
Buckwheat.....	0.2	0.2	0.2	0.2	16.63	7.12
Rye.....	0.5	0.5	0.4	0.4	9.30	5.98
Kafir corn and milo maize.....	0.3	0.1	0.2	(?)	6.62	5.13
Finger and spelt.....	0.1	0.1	0.1	0.1	9.73	7.57
Rice.....	0.1	0.1	0.3	0.2	26.25	18.50
Other grains and seeds:						
Dry edible beans.....	0.2	0.1	0.4	0.3	27.11	16.82
Dry peas.....	0.3	0.2	0.2	0.3	8.40	8.17
Peas.....	0.2	0.1	0.3	0.2	21.60	14.07
Flaxseed.....	0.4	0.5	0.5	0.7	13.91	9.30
Grass seed and flower and vegetable seeds.....			0.3	0.3		
Hay and forage.....	15.1	14.9	15.0	16.1	11.40	7.85
Tobacco.....	0.3	0.3	1.9	1.9	80.55	51.74
Cotton (including cotton seed).....	6.7	5.9	15.0	12.4	25.74	15.27
Sugar crops:						
Sugar beets.....	0.1	(?)	0.4	0.1	54.60	30.16
Sorghum cane.....	0.1	0.1	0.2	0.2	22.91	20.82
Sugar cane.....	0.1	0.1	0.5	0.7	55.40	53.08
Maple sugar and sirup.....				0.1	0.1	
Sundry minor field crops:						
Broom corn.....	0.1	(?)	0.1	0.1	15.74	20.69
Hemp.....	(?)	(?)	0.1	0.1	33.97	34.06
Hops.....	(?)	(?)	0.1	0.1	175.53	73.40
Vegetables.....	1.5	1.4	7.6	8.0		
Potatoes.....	0.8	0.7	3.0	3.3	45.36	33.48
Sweet potatoes and yams.....	0.1	0.1	0.6	0.7	55.25	36.98
Other vegetables.....	0.6	0.5	3.9	4.0	78.26	55.63
Fruits and nuts.....			4.0	4.4		
Small fruits.....	0.1	0.1	0.5	0.8	110.01	81.80
Orchard fruits.....			2.6	2.8		
Grapes.....			0.4	0.5		
Tropical and subtropical fruits.....			0.5	0.3		
Nuts.....			0.1	0.1		
Flowers and plants.....	(?)	(?)	0.6	0.6	1,011.02	2,015.57
Nursery products.....	(?)	(?)	0.4	0.3	261.12	176.17
Forest products of farms.....			3.6	3.7		

<sup>1</sup> Less than one-tenth of 1 per cent.

By reason of the fact that the wheat area diminished and that of corn failed to keep pace with the increase in improved land, both of these leading crops, and the cereal group as a whole, occupied a smaller percentage of the improved farm land of the country in 1909 than in 1899, while hay and forage

<sup>1</sup> These per capita figures are based on the population of the United States on April 15, 1910, and June 1, 1900, respectively.

<sup>2</sup> These averages are based on the number of farms in the United States on April 15, 1910, and June 1, 1900, respectively.



and cotton occupied a larger percentage. Hay and forage as well as the cereals, however, contributed a somewhat smaller proportion of the total value of crops in 1909 than in 1899, while cotton (including cotton seed) contributed a materially larger proportion. The combined acreage of cereals increased only 3.5 per cent during the decade 1899-1909, while that of hay and forage increased 17.2 per cent and that of cotton 32 per cent. Certain minor crops show higher percentages of increase in acreage than these leading crops.

The average value of crops per acre, for all crops with acreage reports combined, was \$9.77 in 1899, and \$16.30 in 1909. Naturally great differences appear among the individual crops with respect to average value per acre. These differences in no way indicate the relative profitableness of the different crops, however, as some crops require the use of much more valuable land and more expensive methods of cultivation than others.

Relation of prices to increase in value: 1899 to 1909.—A large part of the extraordinary increase in the total value of farm crops between 1899 and 1909 is attributable to higher prices. While the acreage of crops with acreage reports increased only 9.9 per cent, the value of such crops increased 83.3 per cent. The percentages of increase in the quantity of the various individual crops, as shown in Table I, were in

nearly all cases much less than the percentages of increase in the value. Thus, for all cereals taken together, the production increased only 1.7 per cent, while the value increased 79.8 per cent; for hay and forage the production increased 23 per cent and the value 70.2 per cent; and for cotton (including cotton seed) the production increased 11.7 per cent and the value 122.5 per cent.

Table 3 shows, for the leading individual crops for which both quantity produced and value were reported at both censuses, the average value per unit in 1899 and 1909, with the percentage of increase. It also shows the value which would have been reported for each crop in 1909 if the average value per unit had been the same in that year as in 1899. In each case a comparison of the value of the 1909 crop computed on this basis with the actual value of the crop of 1899 shows the increase in value during the decade which was due to increased production; while a comparison of this computed value with the actual value of the crop in 1909 shows the increase during the decade which was due to the increase in prices. For certain crops, principally fruits and nuts, the values were not reported separately in 1900, and for certain other crops quantities were not reported at either census, but the table covers nine-tenths of the crops of the country as measured by value.

Table 3

CROP.	Unit.	AVERAGE VALUE PER UNIT.		INCREASE, 1899 TO 1909		VALUE OF CROPS.		INCREASE, 1899 TO 1909 <sup>1</sup>		EXCESS OF ACTUAL VALUES OF CROPS OF 1909 OVER COMPUTED FOR 1909 ON BASIS OF PRICES OF 1899.				
		1909	1899	Increase-1899 to 1909		As reported: 1909	Computed for 1909 on basis of prices of 1899.	As reported: 1899	On basis of values as reported.		On basis of prices of 1909.		Amount.	Per cent.
				Amount.	Per cent.				Amount.	Per cent.	Amount.	Per cent.		
<b>All crops.</b>						\$5,487,161,223	\$2,898,704,412	\$2,488,456,811	83.0	\$3,827,379,938	10.0	\$1,872,131,351	66.6	
<b>Crops compared.</b>						4,934,489,828	2,621,591,527	2,242,511,237	83.3	3,827,379,938	10.0	1,872,131,351	66.6	
<b>Cropnot compared.</b>						552,671,395	306,722,811	245,945,574	80.2					
<b>Cereals.</b>						2,865,339,714	1,510,329,214	1,482,633,049	79.8	2,920,165	1.9	1,115,010,600	76.5	
Corn.....	Bu.	80.35665	80.31061	\$0.23904	81.5	1,468,553,919	792,735,621	828,192,388	72.7	-35,456,767	-4.3	6,548,818,298	81.5	
Oats.....	Bu.	0.41176	0.23013	0.18163	75.9	414,697,422	231,773,814	197,598,848	91.0	14,675,220	6.8	182,923,608	75.9	
Wheat.....	Bu.	0.96286	0.56177	0.40109	71.3	657,856,931	385,941,966	304,045,520	87.7	13,956,866	2.1	277,534,833	71.3	
Barley.....	Bu.	0.53338	0.34719	0.18619	53.3	92,458,571	60,922,052	41,811,162	67.1	18,690,200	4.9	32,136,619	53.3	
Buckwheat.....	Bu.	0.62835	0.51167	0.11668	22.8	9,330,952	7,597,858	5,747,853	76.3	1,840,103	32.2	1,732,634	22.8	
Eye.....	Bu.	0.69179	0.48069	0.21110	43.9	20,421,812	14,190,188	12,259,940	86.2	1,899,948	15.5	6,231,634	43.9	
<b>Road corn and milo</b>														
maize.....	Bu.	0.61469	0.26446	0.35023	132.4	10,816,940	4,653,783	1,367,940	94.9	3,286,743	24.6	6,163,157	132.4	
<b>Emmer and spelt.</b>														
.....	Bu.	0.43960	0.43960			5,584,056		5,584,056				5,584,056		
<b>Rough rice.</b>														
.....	Bu.	0.72355	0.70306	0.02049	4.3	10,019,607	15,333,832	6,329,562	9.9	6,020,270	142.4	6,657,775	4.3	
<b>Dry edible beans.</b>														
.....	Bu.	1.93504	1.50729	0.42775	28.4	21,771,482	16,958,761	7,633,636	14,137,846	185.2	9,325,123	122.2	4,812,721	28.4
<b>Other beans.</b>														
.....	Bu.	1.34121	0.93511	0.40610	43.4	241,060	108,070	134,064	106,976	79.8	33,980	25.3	72,990	43.4
<b>Dry peas.</b>														
.....	Bu.	1.53784	0.81780	0.72004	81.6	10,962,739	5,972,923	7,908,966	3,054,773	38.6	-1,936,043	-21.5	4,990,816	81.6
<b>Peanuts.</b>														
.....	Bu.	0.94108	0.60766	0.33342	54.9	19,271,929	11,728,797	7,270,155	11,931,814	151.3	4,529,282	62.3	6,473,132	54.9
<b>Flaxseed.</b>														
.....	Bu.	1.48470	0.98229	0.50245	51.2	28,070,554	19,186,412	19,624,901	9,345,633	47.6	-458,489	-2.3	9,894,142	51.2
<b>Grass seed.</b>														
.....	Bu.	2.26906	1.69132	0.57774	34.2	15,137,683	11,283,384	8,228,417	6,909,266	84.0	3,054,967	37.1	3,854,299	34.2
<b>Hay and forage.</b>														
Ton.....	8.45534	6.11035	2.34499	38.4	824,004,877	595,476,430	484,234,703	339,750,174	70.2	111,221,727	23.0	228,528,447	38.4	
Tobacco.....	Lb.	0.09779	0.06565	0.03214	50.5	104,302,856	69,310,966	56,987,902	47,314,954	83.0	12,323,058	21.6	34,991,895	50.5
Cotton.....	Bale	66.07208	33.95374	32.11833	94.6	705,619,343	361,693,882	329,758,117	379,861,122	112.3	37,845,711	11.7	345,015,424	94.6
Cotton seed.....	Ton.	22.79092	9.84833	12.89067	130.9	121,056,984	52,438,859	46,570,575	74,126,009	157.9	5,488,284	11.7	68,638,120	130.9
Sugar beets.....	Ton.	3.05503	4.18882	1.13379	27.3	19,789,724	16,474,148	3,323,240	16,537,494	498.2	13,150,968	385.7	3,486,526	27.3
Sorghum cane.....	Ton.	6.17669	3.18626	2.99043	53.3	19,174,457	6,263,630	4,971,355	69.7	-839,072	-13.8	4,911,067	53.3	
<b>Broom corn.</b>														
.....	Lb.	0.06503	0.03946	0.02557	64.8	5,134,434	3,175,700	3,588,414	1,546,020	48.1	-172,654	-13.2	2,018,674	64.8
<b>Hemp.</b>														
.....	Lb.	0.05513	0.04649	0.00864	16.3	4,422,659	247,898	546,328	123,639	24.1	-198,449	-37.3	64,801	16.3
<b>Jobs.</b>														
.....	Lb.	0.19266	0.08285	0.10981	132.3	7,844,745	3,717,620	4,018,929	3,762,816	92.2	-40,109	-1.3	4,407,125	132.3
<b>Potatoes.</b>														
Sweet potatoes and yams.....	Bu.	0.42761	0.35995	0.06766	18.0	106,423,940	140,000,728	98,350,110	68,045,809	69.2	41,710,118	42.4	29,233,182	18.0
.....	Bu.	0.59814	0.46733	0.13081	28.3	25,439,126	15,669,923	19,890,840	15,579,336	78.3	7,811,038	39.3	7,748,253	28.3
<b>Small fruits.</b>														
Orchard fruits.....	Qt.	0.67027	0.05403	0.61624	30.1	29,974,481	23,047,354	25,029,725	4,944,724	19.8	-1,982,403	-7.9	9,627,127	30.1
Nuts.....	Lb.	0.65191	0.39437	0.25754	65.3	140,867,347	85,216,927	83,750,961	57,116,386	68.2	-56,569	-1.8	55,620,122	65.3
.....	Lb.	0.67136	0.48571	0.18565	46.5	4,447,674	3,035,997	1,949,931	2,497,743	128.1	1,086,966	55.7	1,411,677	46.5

<sup>1</sup> A minus sign (-) denotes decrease.

The total reported value of crops in 1899, compared in Table 3, was \$2,691,979,000, and the total reported value of the same crops in 1909, \$4,934,490,000, an increase of 83.3 per cent. Had the prices of 1899 prevailed, however, the value of these crops in 1909 would have amounted to \$2,962,358,000, or an increase of only 10 per cent over 1899, which indicates substantially the increase in the volume of the product. The difference between \$2,962,358,000 and \$4,934,490,000, or \$1,972,132,000, represents the amount added to the value of these crops by reason of the increase in prices over those for 1899, the average percentage of increase in prices being thus 66.6. For the most important individual crop, corn, the table shows that the actual value in 1909 was \$1,438,554,000, or 73.7 per cent more than the value of the crop of 1899. If there had been no change in value per bushel the value of the 1909 crop would have been \$792,736,000, or less than the value of the crop of 1899. The difference, \$645,818,000, represents the addition to the value of the corn crop of 1909 by reason of the increase of 81.5 per cent in the average value per bushel.

**Increase of crop production and consumption: 1899 to 1909.**—The percentage given above, 10 per cent, as representing the increase in the value of the crops of 1909, on the basis of the 1899 prices, over the value of the same crops in 1899, is nothing else than a consolidated expression of the general increase in the quantity of crops produced. Covering, as it does, nine-tenths of the crops of the country, it may properly be compared with the increase of 21 per cent in the population of the United States between 1900 and 1910. During the decade the increase in the number of farms was 10.9 per cent, the increase in rural population 11.2 per cent, and the increase in urban population 34.8 per cent. As already stated, the total acreage of crops with acreage reports increased 9.9 per cent between 1899 and 1909. It would appear, therefore, that in the aggregate there was practically no difference in the average quantity of crops produced per acre in the two years.

The increasing consumption of crops in the country has been supplied only in part by an increased production, the remainder being furnished in large measure by a curtailment of agricultural exports. Thus in the fiscal year ending June 30, 1900, the exportations of domestic breadstuffs amounted to \$262,744,078<sup>1</sup> in value, while in the fiscal year 1910 the exports of such commodities had sunk to almost one-half of this value, namely, \$133,191,330.<sup>1</sup> In view of the increase of prices in the 10 years, it will readily be understood that the exports have decreased in quantity considerably more than appears from the decrease in value.

**Acreage of leading crops: 1879 to 1909.**—Because of the difficulties arising from changes in prices, as well as because of some differences in the classification of

crops, a complete comparison of the census returns for 1909 with those obtained by the censuses prior to 1899 is not practicable. For some of the leading crops, however, a comparison with the censuses of 1879 and 1889, as well as of 1899, can be made upon the basis of acreage. The acreage of all cereals in 1879 was 119,000,000. It advanced in 1889 to 140,000,000 and in 1899 to 184,000,000. The increase in the acreage of some other important crops was more marked. In 1879 the acreage of hay and forage was 30,000,000, advancing to 53,000,000 in 1889, to 62,000,000 in 1899, and in 1909, to 72,000,000, which was considerably more than double the acreage of 30 years before. During the same period of time the cotton acreage has more than doubled, the acreage in 1879 being 15,000,000 and in 1909 32,000,000. Tobacco advanced comparatively little in acreage from 1879 to 1889 (639,000 to 695,000), but in 1899 tobacco was harvested from 1,101,000 acres and in 1909 from 1,295,000. Thus, among these four crops for which acreage figures are available for four censuses, the increase in the combined cereals has been less than that of the other crops, and in their proportion of the aggregate acreage represented by these crops the cereals are at the present time less important than they were 30 years ago. For these four crops the increase in the acreage from 1879 to 1909 amounted to 80.5 per cent, while the population of the country increased 83.4 per cent between 1880 and 1910.

#### DIVISIONS AND STATES.

**Distribution of all crops, by divisions: 1909 and 1899.**—Table 4 shows for each of the nine geographic divisions and also for certain larger sections of the country the total acreage and value of all crops with acreage reports, and the total value of all crops, including those without acreage reports, in 1909 and 1899. Table 5 gives percentages and averages based on Table 4. The North includes the first four geographic divisions, the South includes the next three, and the West the last two.

In the West North Central division, where the proportion of improved land occupied in 1909 by crops with acreage reports was highest, these crops occupied 69.8 per cent of the total improved farm acreage in that year, while in the Pacific division, where the proportion was lowest, they occupied 48.3 per cent. The Pacific division has a larger amount of land devoted to fruits and cultivated nuts than any of the other geographic divisions, but it is probable that even in that division the land in such crops in 1909 scarcely exceeded one-sixth of the land in crops for which the acreage was reported.

Of the total value of all crops those without acreage reports represent somewhat less than 10 per cent. Such crops are relatively important in the New England and Pacific divisions, where fruit crops and forest

<sup>1</sup> See Statistical Abstract of the United States, 1910, Table 217, page 431.

products of farms contribute a considerable proportion of the value of all crops. The contribution of such

crops to the total value is relatively less in the West North Central division.

Table 1	ACREAGE OF CROPS WITH ACREAGE REPORTS.				VALUE OF CROPS WITH ACREAGE REPORTS.				VALUE OF ALL CROPS.					
	1909		1899		1909		1899		1909		1899		Increase.	
	Acres.	Per cent.	Acres.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
<b>United States..</b>	<b>311,283,282</b>	<b>283,218,280</b>	<b>28,075,102</b>	<b>9.9</b>	<b>\$5,073,997,594</b>	<b>\$2,768,339,569</b>	<b>\$2,305,658,025</b>	<b>83.2</b>	<b>\$5,487,161,220</b>	<b>\$2,998,704,412</b>	<b>\$2,488,456,811</b>	<b>83.0</b>	<b>\$5,488,456,811</b>	<b>83.0</b>
New England.....	4,638,326	4,883,803	-245,477	-4.2	79,880,664	35,019,173	44.1	141,113,329	95,230,019	45,883,310	48.2	95,230,019	48.2	
Middle Atlantic.....	17,329,196	15,619,440	1,709,756	6.9	359,431,892	263,721,811	96.7	313,081,363	410,248,629	304,829,335	111,419,290	36.5	410,248,629	36.5
East North Central.....	59,790,579	59,223,811	566,768	1.0	1,047,989,193	622,755,503	425,233,696	68.3	1,117,182,160	674,955,402	442,226,758	67.5	1,117,182,160	67.5
West North Central.....	114,089,496	101,243,210	13,846,286	13.3	714,017,756	689,499,825	96.6	1,445,999,494	738,510,740	708,995,833	96.2	738,510,740	96.2	
South Atlantic.....	30,279,427	28,357,150	1,922,277	6.9	673,225,482	319,874,806	353,350,677	110.5	742,105,246	348,918,717	393,186,529	112.7	348,918,717	112.7
East South Central.....	25,775,920	25,315,596	460,324	1.8	599,467,342	287,926,942	221,540,400	76.9	551,282,286	307,782,983	243,499,703	79.1	307,782,983	79.1
West South Central.....	39,275,594	29,857,098	9,418,496	31.5	690,133,113	321,907,404	279,125,769	87.0	626,343,939	352,631,292	273,691,748	88.9	352,631,292	88.9
Mountain.....	8,539,062	5,392,495	3,146,567	64.3	132,338,297	54,187,588	98,170,709	181.2	163,897,753	56,724,550	107,166,197	188.9	163,897,753	188.9
Pacific.....	10,637,294	10,363,671	273,623	2.6	213,472,457	105,467,696	108,004,761	102.4	281,078,791	140,704,549	140,374,242	99.8	140,374,242	99.8
<b>The North.....</b>	<b>196,468,085</b>	<b>183,902,270</b>	<b>12,515,815</b>	<b>6.8</b>	<b>2,925,340,903</b>	<b>1,679,875,134</b>	<b>1,245,465,769</b>	<b>74.1</b>	<b>3,120,454,106</b>	<b>1,811,915,717</b>	<b>1,308,538,391</b>	<b>72.2</b>	<b>1,308,538,391</b>	<b>72.2</b>
The South.....	95,328,941	83,509,844	11,819,097	14.2	1,782,825,937	928,809,151	854,016,786	91.9	2,117,730,571	989,332,590	932,371,981	94.2	989,332,590	94.2
The West.....	15,496,356	15,755,166	-258,810	-1.7	363,839,754	159,455,294	206,175,470	129.1	444,976,544	197,636,103	247,340,439	125.4	197,636,103	125.4
East of the Mississippi.....	137,833,972	136,391,806	1,472,166	1.1	2,704,516,146	1,573,639,121	1,120,837,021	71.9	2,967,932,141	1,731,706,056	1,236,226,086	71.4	1,236,226,086	71.4
West of the Mississippi.....	173,449,310	146,826,474	26,622,836	18.2	2,369,481,448	1,194,000,444	1,174,801,004	98.3	2,519,228,079	1,266,998,356	1,252,230,721	98.8	1,252,230,721	98.8

<sup>1</sup> A minus sign (-) denotes decrease.

Table 5	PER CENT OF TOTAL FARM ACREAGE IN CROPS WITH ACREAGE REPORTS.		PER CENT OF IMPROVED FARM LAND IN CROPS WITH ACREAGE REPORTS.		DISTRIBUTION OF VALUE OF ALL CROPS.		AVERAGE VALUE OF CROPS WITH ACREAGE REPORTS PER ACRE OF LAND IN SUCH CROPS.	
	1909	1899	1909	1899	1909	1899	1909	1899
	<b>United States..</b>	<b>35.4</b>	<b>33.8</b>	<b>65.1</b>	<b>68.3</b>	<b>100.0</b>	<b>100.0</b>	<b>16.30</b>
New England.....	23.6	22.7	64.2	59.8	10.2	10.2	24.36	16.21
Middle Atlantic.....	40.1	41.5	59.1	60.5	7.6	10.2	20.74	14.16
East North Central.....	50.7	50.9	67.2	68.3	20.4	22.5	17.53	10.52
West North Central.....	49.3	50.1	69.8	74.5	28.4	24.6	12.24	7.65
South Atlantic.....	29.2	27.2	62.5	61.5	13.5	11.6	22.23	11.29
East South Central.....	31.6	31.2	58.7	62.9	10.0	10.3	19.77	11.37
West South Central.....	23.2	18.9	75.1	75.1	11.1	11.1	18.28	10.75
Mountain.....	14.9	11.6	55.7	64.2	3.0	1.9	17.20	10.15
Pacific.....	30.7	21.9	48.3	55.3	5.1	4.7	20.07	10.18
<b>The North.....</b>	<b>47.5</b>	<b>48.1</b>	<b>67.8</b>	<b>70.4</b>	<b>56.9</b>	<b>64.4</b>	<b>14.89</b>	<b>9.13</b>
The South.....	26.9	23.1	63.3	66.2	35.0	33.0	18.70	11.12
The West.....	17.6	16.8	51.4	58.0	8.1	16.6	18.78	10.13
East of the Mississippi.....	37.6	37.1	63.2	64.3	54.1	57.7	19.12	11.54
West of the Mississippi.....	33.8	31.2	66.6	72.3	45.9	42.3	13.78	8.14

In the value of all crops (including those without acreage reports) the West North Central division ranks first, its crops in 1909 being valued at \$1,445,909,000, or 26.4 per cent of the total for the country. This division, however, has 24.3 per cent of the improved farm land in the United States. The East North Central division contributed more than one-fifth of the total value of crops in 1909, and the South Atlantic nearly one-seventh. Of the value of all crops the North reported 56.9 per cent, the South 35 per cent, and the West 8.1 per cent. The proportion east of the Mississippi was 54.1 per cent and that west of the Mississippi 45.9 per cent.

In all of the geographic divisions except the New England and South Atlantic, crops with acreage reports occupied a somewhat smaller proportion of the improved acreage in 1909 than in 1899. In the New England and Middle Atlantic divisions the acreage in such crops decreased between 1899 and 1909; and a decrease would doubtless appear for all crops

combined if reports of acreage were available for all. The increase in the acreage of crops with acreage reports for the North (mainly in the West North Central division) was 6.8 per cent; that for the South (mainly in the West South Central division), 14.2 per cent; and that for the West, 23.7 per cent. The table shows that the increase for the territory east of the Mississippi was only 1.1 per cent, while for that west of the Mississippi it was 18.1 per cent.

The absolute increase in value of crops between 1899 and 1909 was greatest in the West North Central division (\$708,999,000), but the percentage of increase in that division (96.2) was less than that in the Mountain division (188.9), that in the South Atlantic division (112.7), or that in the Pacific division (99.8 per cent). For the North the increase in value of crops was 72.2 per cent, for the South 94.2 per cent, and for the West 125.4 per cent.

Relative importance of leading crops in the total production of each division, section, and state: 1909.—Tables 6, 7, and 8 have for their purpose the indication of the relative importance of the principal individual crops in the agriculture of each geographic division, section, and state.

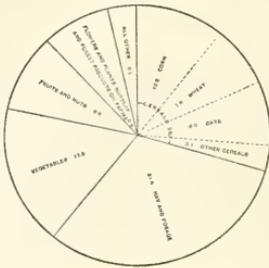
The distribution of the crops varies greatly in the different divisions and sections. As shown in Table 6, the value of cereals constituted 75.4 per cent of the total value of crops in the West North Central division and 65.4 per cent in the East North Central, but in no other division did the proportion exceed 35 per cent, and in New England it was only 7.6 per cent. As judged by value, hay and forage is the most important group of crops in the New England, Middle Atlantic, and Mountain divisions, while cotton is the most important crop in each of the three southern divisions; in the South as a whole the value of the cotton crop (including cotton seed) in 1909 was 42.7 per cent of the total value of all crops.

VALUE OF ALL CROPS, PERCENTAGE DISTRIBUTION BY CROPS, BY DIVISIONS: 1909.

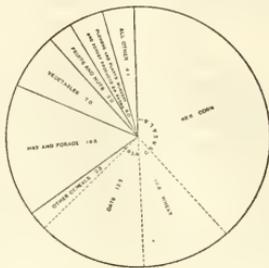
NEW ENGLAND.



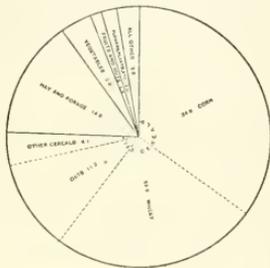
MIDDLE ATLANTIC.



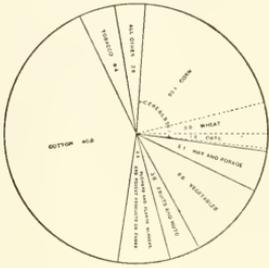
EAST NORTH CENTRAL.



WEST NORTH CENTRAL.



SOUTH ATLANTIC.



EAST SOUTH CENTRAL.



WEST SOUTH CENTRAL.



MOUNTAIN.



PACIFIC.



# FARM CROPS, BY STATES.

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PERCENTAGE OF VALUE OF ALL CROPS REPRESENTED BY INDIVIDUAL CROPS, BY DIVISIONS AND SECTIONS: 1909.

Table 6	Division or Section.	CEREALES.														OTHER GRAINS AND SEEDS WITH AVERAGE REPORTS.							Tobacco.	Cotton (including cotton seed).
		Value of all crops.		CEREALES.												OTHER GRAINS AND SEEDS WITH AVERAGE REPORTS.								
		Crops with average reports.	Crops without average reports. <sup>1</sup>	Total.	Corn.	Wheat.	Oats.	Barley.	Rye.	Buckwheat.	Rail corn milo.	Millet.	Emmer and spelt.	Rice.	Total. <sup>2</sup>	Dry edible beans.	Dry peas.	Peanuts.	Flaxseed.	Seeds. <sup>3</sup>	Hay and forage.			
United States.....	100.0	92.6	7.5	48.6	26.2	12.0	7.6	1.7	0.4	0.2	0.2	0.1	0.3	1.5	0.4	0.2	0.3	0.5	0.3	15.0	1.9	15.0		
New England.....	100.0	81.1	18.9	7.6	2.9	0.1	0.1	0.1	0.2	(?)	(?)	(?)	(?)	0.3	0.3	(?)	(?)	(?)	(?)	31.4	1.0	(?)		
Middle Atlantic.....	100.0	86.4	13.6	29.6	10.9	7.6	8.0	0.2	0.1	1.6	(?)	(?)	(?)	0.9	0.9	(?)	(?)	(?)	(?)	16.6	1.4	(?)		
East North Central.....	100.0	93.8	6.2	63.4	38.9	10.9	13.3	1.4	0.8	0.1	(?)	(?)	(?)	1.2	0.9	0.3	(?)	(?)	(?)	16.5	1.0	(?)		
West North Central.....	100.0	97.7	2.3	75.4	34.2	23.2	2.3	3.3	(?)	(?)	(?)	(?)	(?)	0.8	0.8	(?)	(?)	(?)	(?)	14.6	(?)	6.3		
South Atlantic.....	100.0	90.7	9.3	28.2	20.1	3.9	1.8	(?)	0.1	0.1	(?)	(?)	(?)	0.5	1.9	(?)	(?)	(?)	(?)	5.1	4.4	40.8		
East South Central.....	100.0	92.4	7.6	31.5	27.4	2.9	1.2	(?)	0.1	(?)	(?)	(?)	(?)	0.3	0.3	0.4	(?)	(?)	(?)	5.4	8.3	37.1		
West South Central.....	100.0	95.5	4.5	31.0	22.3	2.0	(?)	(?)	(?)	(?)	(?)	(?)	(?)	0.5	0.2	0.3	(?)	(?)	(?)	5.1	(?)	49.9		
Mountain.....	100.0	83.0	7.9	34.5	2.8	15.8	12.0	3.4	0.2	0.2	(?)	(?)	(?)	1.0	0.3	0.3	(?)	(?)	(?)	4.5	(?)	(?)		
Pacific.....	100.0	75.9	24.1	32.3	6.6	18.6	4.8	7.8	0.1	0.3	(?)	(?)	(?)	2.4	2.3	0.1	(?)	(?)	(?)	26.5	(?)	(?)		
The North.....	100.0	93.7	6.3	62.6	31.7	16.6	11.2	2.1	0.6	0.3	0.1	0.2	(?)	1.5	0.5	0.1	(?)	(?)	(?)	18.8	0.8	6.1		
The South.....	100.0	92.8	7.2	29.3	23.1	3.3	1.7	(?)	0.1	0.3	(?)	(?)	(?)	1.3	0.3	0.9	(?)	(?)	(?)	5.1	4.1	42.7		
The West.....	100.0	82.2	17.8	33.1	1.4	17.5	7.9	6.2	0.1	(?)	(?)	(?)	(?)	1.9	1.5	0.2	(?)	(?)	(?)	31.7	(?)	(?)		
East of the Mississippi.....	100.0	91.0	8.9	41.6	23.5	6.7	6.9	0.6	0.2	0.3	(?)	(?)	(?)	1.4	0.3	0.1	0.6	(?)	(?)	15.2	3.5	17.1		
West of the Mississippi.....	100.0	94.1	5.9	55.9	3.5	15.2	8.3	3.0	0.2	(?)	(?)	(?)	(?)	1.6	0.3	0.1	0.1	1.1	(?)	15.2	(?)	12.6		

<sup>1</sup> Includes small amounts of grains and seeds of secondary importance.

<sup>2</sup> Crops without average reports.

<sup>3</sup> Less than one-tenth of 1 percent.

<sup>4</sup> Includes small amounts of minor crops of secondary importance.

PERCENTAGE OF IMPORTANT FARM ACREAGE IN INDIVIDUAL CROPS, BY DIVISIONS AND SECTIONS: 1909.

Table 7	Division or Section.	Improved farm land.	Crops with average reports.	All cereals. <sup>1</sup>	OTHER GRAINS AND SEEDS WITH AVERAGE REPORTS.							SUGAR CROPS WITH AVERAGE REPORTS.			SUNDRY MINOR CROPS WITH AVERAGE REPORTS.		VEGETABLES.				
					OTHER GRAINS AND SEEDS WITH AVERAGE REPORTS.							SUGAR CROPS WITH AVERAGE REPORTS.			SUNDRY MINOR CROPS WITH AVERAGE REPORTS.		VEGETABLES.				
					Total. <sup>2</sup>	Dry edible beans.	Dry peas.	Peanuts.	Flaxseed.	Hay and forage.	Tobacco.	Cotton.	Total.	Sugar beets.	Sorghum cane.	Sugar cane.	Total. <sup>3</sup>	Broom corn.	Total.	Potatoes.	Sweet potatoes and yams.
United States.....	100.0	65.1	40.0	1.1	0.2	0.3	0.2	0.4	15.1	0.3	6.7	0.3	0.1	0.1	0.1	0.1	1.5	0.8	0.1	0.6	0.1
New England.....	100.0	64.2	6.5	0.2	0.2	(?)	(?)	(?)	22.5	0.2	(?)	(?)	(?)	(?)	(?)	(?)	4.6	3.6	0.1	1.4	0.2
Middle Atlantic.....	100.0	59.1	25.3	0.4	0.4	(?)	(?)	(?)	22.1	0.2	(?)	(?)	(?)	(?)	(?)	(?)	2.2	2.3	0.1	1.2	0.2
East North Central.....	100.0	67.3	47.6	0.7	0.5	0.3	(?)	(?)	16.6	0.2	(?)	(?)	(?)	(?)	(?)	(?)	1.8	1.2	0.1	0.6	0.1
West North Central.....	100.0	63.8	31.0	1.3	(?)	(?)	(?)	(?)	15.7	0.2	(?)	(?)	(?)	(?)	(?)	(?)	1.4	0.3	0.4	0.8	(?)
South Atlantic.....	100.0	62.5	31.5	2.3	0.1	1.4	1.3	(?)	15.9	1.0	18.6	0.2	(?)	(?)	(?)	(?)	0.7	2.3	0.5	0.6	1.2
East South Central.....	100.0	58.7	30.9	0.8	(?)	0.5	0.3	(?)	5.7	1.3	18.0	0.5	(?)	(?)	(?)	(?)	1.4	0.3	0.4	0.8	(?)
West South Central.....	100.0	67.4	33.4	0.8	(?)	0.2	0.2	(?)	5.6	(?)	25.8	0.8	(?)	(?)	(?)	(?)	0.4	0.9	0.4	0.4	(?)
Mountain.....	100.0	55.7	21.1	0.5	0.2	0.2	(?)	(?)	3.2	0.1	1.0	(?)	(?)	(?)	(?)	(?)	1.5	1.1	(?)	0.5	(?)
Pacific.....	100.0	48.3	26.3	0.8	0.7	0.2	(?)	(?)	19.1	(?)	0.4	0.4	(?)	(?)	(?)	(?)	1.4	1.0	(?)	0.5	0.1
The North.....	100.0	67.8	46.2	1.0	0.2	0.1	(?)	0.7	18.8	0.1	(?)	(?)	(?)	(?)	(?)	(?)	1.5	1.0	(?)	0.6	0.1
The South.....	100.0	63.3	32.1	1.3	(?)	0.7	0.6	(?)	5.7	0.7	21.2	0.7	(?)	(?)	(?)	(?)	0.2	0.2	1.5	0.3	0.4
The West.....	100.0	51.4	24.1	0.7	0.5	0.1	(?)	0.1	21.2	(?)	0.5	(?)	(?)	(?)	(?)	(?)	1.4	0.9	(?)	0.5	0.1
East of Mississippi.....	100.0	63.2	36.3	1.1	0.3	0.5	0.4	(?)	14.9	0.6	7.8	0.2	(?)	(?)	(?)	(?)	2.2	1.1	0.2	0.9	0.1
West of Mississippi.....	100.0	66.6	41.1	1.0	0.1	0.1	(?)	0.5	15.3	0.5	5.8	0.3	(?)	(?)	(?)	(?)	0.9	0.5	0.1	0.3	(?)

<sup>1</sup> For corresponding percentages for important individual cereals see Tables 22 for corn, 24 for wheat, and 26 for oats.

<sup>2</sup> Includes small amounts for grains and seeds not shown separately.

<sup>3</sup> Includes small amounts for hops, hemp, and other minor crops not shown separately.

<sup>4</sup> Less than one-tenth of 1 per cent.



the improved farm land and of the total acreage of crops with acreage reports is also shown. In this table the combined cereals are treated as a unit; the corresponding distribution of the individual cereals among the divisions and sections is shown in Table 19.

Several of the most important crops, including the cereals as a group, hay and forage, potatoes, miscellaneous vegetables, small fruits, flowers and plants, and nursery products, are very widely distributed over the country.

The distribution of the cereal acreage corresponds more closely to the distribution of the total acreage of improved farm land than does that of any other class of crops, but the East and West North Central divisions report somewhat larger percentages of the cereal acreage than of the improved farm land. Few of the remaining crops are very widely distributed. Several crops—cotton, sugar cane, sweet potatoes and yams, and peanuts—are largely concentrated in the southern divisions.

Table 9

PER CENT OF TOTAL ACREAGE: 1909

DIVISION OR SECTION.	PER CENT OF TOTAL ACREAGE: 1909																							
	Improved farm land.				Crops with acreage reports.				Other grains and seeds with acreage reports.				Sugar crops with acreage reports.				Sundry minor crops with acreage reports.				Vegetables.			
	All crops.	Dry cereals.	Dry cereals and beans.	Dry peas.	Peas and beans.	Flaxseed.	Hay and forage.	Tobacco.	Cotton.	Total.	Sugar beets.	Sorghum cane.	Sugar cane.	Broom corn.	Hemp.	Hops.	Total.	Potatoes.	Sweet potatoes.	Other vegetables.	Small fruits.	Flowers and plants.	Nursery products.	
<b>United States</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	1.5	1.5	0.2	2.1	0.1	(1)	(1)	5.3	1.7	(1)	(1)	(1)	(1)	0.2	26.9	4.7	6.4	(1)	3.7	5.1	12.5	3.3	12.9	
Middle Atlantic.....	6.1	5.6	3.9	14.6	0.3	(1)	(1)	11.8	3.5	(1)	0.4	0.1	(1)	(1)	(1)	25.9	15.7	19.9	3.7	12.9	20.3	33.3	17.0	
East North Central.....	15.0	19.2	22.1	52.6	17.4	(1)	0.5	20.4	13.5	(1)	0.5	7.8	(1)	10.5	27.5	7.8	12.0	4.5	0.1	23.2	30.1	2.1	18.8	20.9
West North Central.....	34.3	36.8	43.7	1.1	2.1	(1)	0.4	37.9	9.4	0.3	6.7	3.7	16.4	14.5	0.2	(1)	16.5	21.4	2.4	13.4	13.1	6.5	20.6	13.1
South Atlantic.....	10.1	9.7	8.0	3.2	5.2	22.9	(1)	4.0	37.6	28.1	9.4	(1)	14.1	13.2	(1)	(1)	16.0	6.5	46.1	21.6	16.7	8.1	12.4	8.2
East South Central.....	9.2	8.3	7.1	2.3	15.6	15.4	(1)	3.4	45.3	24.7	15.8	0.1	34.0	10.9	0.1	(1)	8.9	3.3	25.1	12.5	7.6	3.5	10.1	12.5
West South Central.....	12.2	12.6	10.2	0.4	10.1	9.8	0.1	4.5	6.1	46.9	37.6	0.2	26.0	77.0	69.4	0.5	7.5	3.2	19.7	9.9	7.1	2.4	7.1	12.5
Mountain.....	5.3	2.8	1.8	3.8	2.2	(1)	2.0	6.9	(1)	(1)	13.4	45.5	1.8	(1)	3.1	1.0	(1)	3.5	4.6	0.1	2.7	2.3	1.3	2.1
Pacific.....	4.6	3.4	3.0	19.8	0.5	(1)	(1)	5.8	(1)	(1)	6.4	22.5	0.2	(1)	0.4	4.9	72.9	4.3	4.6	0.6	4.6	7.5	8.1	10.3
The North.....	60.6	63.1	70.0	70.4	19.9	0.1	97.9	75.4	18.9	0.3	17.3	31.6	24.3	26.4	4.9	27.0	60.1	77.7	8.2	48.7	59.3	75.5	58.0	61.5
The South.....	31.5	30.6	25.3	4.0	6.7	99.9	0.1	11.9	81.1	99.7	62.8	0.1	74.1	100.0	70.1	90.2	0.1	32.2	13.0	99.9	44.0	30.8	15.1	29.6
The West.....	7.9	6.3	4.8	23.6	2.7	(1)	2.0	12.7	(1)	(1)	19.9	68.0	1.7	(1)	3.5	4.9	72.9	7.7	9.5	0.6	7.5	9.8	9.4	12.5
East of the Mississippi.....	45.6	44.3	41.3	74.8	84.8	87.7	0.5	41.9	99.4	52.8	35.8	28.1	56.0	22.9	12.6	94.3	27.1	68.4	66.2	77.0	69.4	69.9	80.7	59.8
West of the Mississippi.....	54.4	58.7	58.7	25.2	15.3	11.7	99.5	63.1	0.6	47.2	64.2	71.9	44.0	77.1	37.4	6.7	72.9	31.6	33.8	23.0	39.6	39.1	19.9	40.2

<sup>1</sup> Less than one-tenth of 1 per cent.

The distribution among the geographic divisions and sections of the those crops of any importance for which there were no reports of acreage is shown in Table 10. For comparison, the distribution of the value of all crops and of the value of crops with acreage reports is shown.

The distribution among the geographic divisions and sections of the those crops of any importance for which there were no reports of acreage is shown in Table 10. For comparison, the distribution of the value of all crops and of the value of crops with acreage reports is shown.

Table 10

PER CENT OF TOTAL VALUE: 1909

DIVISION OR SECTION.	PER CENT OF TOTAL VALUE: 1909												
	All crops.	Crops with acreage reports.	Crops with no acreage reports.										
			Total.	Seeds.	Maple sugar and syrup.	Orchard fruits.	Grapes.	Tropical fruits.	Nuts.	Forest products.			
<b>United States</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	2.6	2.3	6.0	3.3	27.2	3.2	0.5	(1)	(1)	(1)	(1)	(1)	6.5
Middle Atlantic.....	7.6	7.1	13.8	2.3	33.1	20.3	22.5	(1)	(1)	(1)	(1)	(1)	9.9
East North Central.....	26.4	27.1	10.3	36.5	0.9	10.5	5.3	(1)	(1)	(1)	(1)	(1)	2.2
West North Central.....	13.5	13.3	16.7	1.3	1.8	11.2	4.1	29.3	4.7	27.5	22.5	25.5	17.1
South Atlantic.....	10.0	10.0	10.0	3.3	1.2	14.2	(1)	(1)	(1)	(1)	(1)	(1)	15.0
East South Central.....	11.5	11.8	6.8	1.6	(1)	3.8	1.4	1.8	16.3	10.8	10.8	10.8	3.9
West South Central.....	3.9	3.0	2.8	6.4	(1)	5.4	0.6	0.3	0.2	1.3	0.2	0.2	1.3
Mountain.....	4.1	4.2	16.4	7.4	(1)	18.4	49.9	97.8	86.3	93.3	86.3	93.3	4.3
Pacific.....	5.1	5.1	4.2	16.4	7.4	(1)	18.4	49.9	97.8	86.3	93.3	86.3	4.3
The North.....	56.9	57.7	47.2	79.4	48.9	33.3	42.4	(1)	8.5	45.3	5.3	45.3	5.3
The South.....	30.4	30.1	33.6	6.8	2.0	22.8	7.1	21.9	24.6	48.5	48.5	48.5	48.5
The West.....	8.1	7.2	19.2	13.8	(1)	23.9	50.5	68.1	67.1	67.1	67.1	67.1	67.1
East of the Mississippi.....	54.1	53.3	63.8	48.2	69.0	61.9	42.9	30.1	14.4	72.8	14.4	72.8	14.4
West of the Mississippi.....	45.9	46.7	36.2	51.8	1.0	38.1	57.1	69.9	83.6	83.6	83.6	83.6	83.6

<sup>1</sup> Less than one-tenth of 1 per cent.

The geographic distribution of the value of crops with no acreage reports is very different from that of crops with acreage reports. Whereas the Pacific divi-

ision reported only 4.2 per cent of the value of crops with acreage reports and 4.6 per cent of the improved farm land, that division reported 16.4 per cent of the value of crops with no acreage reports. This is largely due to the concentration of the production of fruits and nuts on the Pacific coast. The West North Central division reported 27.7 per cent of the value for the crops with acreage reports, but only 10.3 per cent for the crops with no acreage reports.

**Acreage and value of all crops, by states: 1909 and 1899.**—Table 11 presents by states, for 1909 and 1899, the acreage and value of all crops with acreage reports and the value of all crops, including those without acreage reports.

The map on page 371 shows the distribution of the value of all farm crops among the states.

It will be seen that, as judged by the total value of all crops, Illinois was in 1909 the leading agricultural state, followed by Iowa, Texas, Ohio, Georgia, Missouri, Kansas, New York, and Indiana, each reporting more than \$200,000,000. The first four states named occupied the same rank in 1899, but Georgia ranked only fifteenth among the states in that year.

With respect to the progress made by these leading states from 1899 to 1909, it may be noted that only in Georgia and Kansas did the rate of increase for the total value of all crops exceed that for the United

States as a whole. Moreover, these two states, together with Texas, are the only ones in the group which report any considerable extension of the acreage of crops with acreage reports. In Indiana the acreage of such crops was 1.8 per cent higher than in 1899, but Illinois, Iowa, Missouri, Ohio, and New York all report a decrease in acreage.

During the period 1899 to 1909 the most conspicuous relative advances in the value of all crops took place in the states of Idaho, Washington, North Dakota, Wyoming, Oklahoma, and Colorado, in each of which the crops of 1909 were more than three times as valuable as those of 1899. Except in North Dakota and Oklahoma, these high rates of increase represent comparatively small absolute increases.

The greatest absolute increase in the value of all crops occurred in Illinois, where it amounted to

\$157,000,000. Other states in which the absolute increase exceeded \$100,000,000 were Georgia, Texas, North Dakota, Iowa, Nebraska, and Kansas.

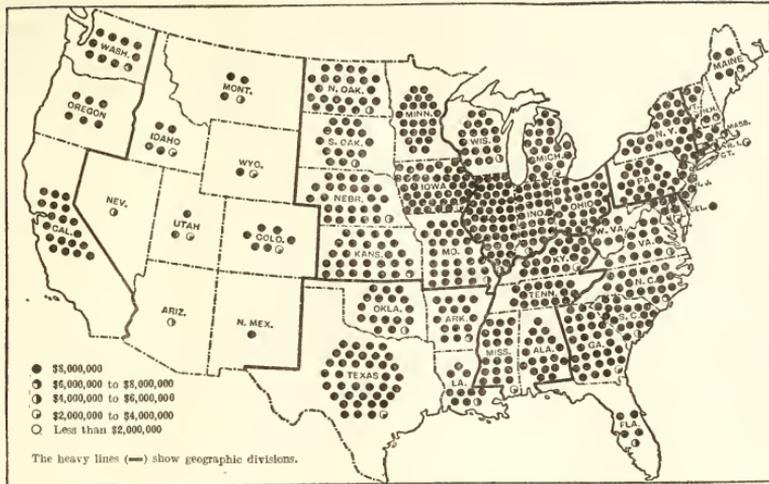
During the decade there was an increase of over 1,000,000 acres in land devoted to crops in each of the following states: North Dakota, Oklahoma, South Dakota, Texas, Nebraska, Kansas, Washington, Georgia, and Colorado. New Mexico reported the highest percentage of gain, 222.8, followed by North Dakota, Oklahoma, Wyoming, Washington, and Idaho. In Iowa and California the loss in acreage reported was over one and one-half million, and in New York and Pennsylvania it exceeded half a million. Besides these four states fourteen others had less land in crops in 1909 than in 1899, the relative decrease being greatest in California, followed by New Hampshire, Connecticut, and Massachusetts.

## ALL FARM CROPS—ACREAGE AND VALUE, BY STATES: 1909 AND 1899.

STATE.	ACREAGE OF CROPS WITH ACREAGE REPORTS.				VALUE OF CROPS WITH ACREAGE REPORTS.				VALUE OF ALL CROPS.			
	1909	1899	Increase. <sup>1</sup>		1909	1899	Increase. <sup>1</sup>		1909	1899	Increase. <sup>1</sup>	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>NEW ENGLAND:</b>												
Maine	1,588,065	1,543,277	44,788	-2.9	\$31,440,942	\$18,422,011	\$13,018,931	70.6	\$39,317,647	\$23,964,054	\$15,353,593	79.1
New Hampshire	275,274	268,307	-6,967	-2.5	11,441,698	9,155,312	2,286,386	25.0	15,475,175	12,272,252	3,202,923	26.0
Vermont	1,263,795	1,203,613	282	(0)	21,877,448	14,965,540	6,891,908	45.9	27,449,836	18,170,279	9,279,557	51.1
Massachusetts	624,844	735,134	-80,290	-10.9	27,062,235	19,895,651	7,166,584	36.0	31,948,065	23,157,544	8,790,521	38.0
Rhode Island	84,207	92,416	-8,209	-8.9	3,410,412	2,675,676	734,736	27.5	5,020,811	4,028,251	992,560	24.5
Connecticut	534,846	603,357	-68,511	-11.4	19,106,472	14,227,798	4,878,674	34.2	27,487,999	16,625,589	10,862,410	64.5
<b>MIDDLE ATLANTIC:</b>												
New York	8,387,731	9,041,199	-653,468	-7.2	174,475,689	127,872,290	46,603,399	36.4	209,168,236	149,918,353	59,249,883	39.0
New Jersey	1,141,963	1,212,772	-70,809	-6.1	37,003,915	24,615,856	12,388,059	50.0	40,340,441	27,916,841	12,423,599	44.5
Pennsylvania	7,126,562	8,365,475	-638,913	-8.4	147,955,288	111,233,626	36,721,662	33.0	166,739,828	126,994,341	39,745,487	31.3
<b>E. NORTH CENTRAL:</b>												
Ohio	11,431,610	11,614,165	-182,555	-1.6	215,259,975	141,943,989	73,306,986	51.6	230,337,911	156,832,358	73,485,623	46.9
Indiana	11,331,395	11,134,736	196,659	1.8	119,305,329	111,736,411	7,568,918	7.3	204,209,882	127,502,274	76,707,608	60.0
Illinois	20,278,916	20,319,034	-40,118	-0.2	362,414,621	207,353,852	155,060,769	74.8	372,270,470	214,822,786	157,447,684	73.3
Michigan	8,198,578	7,414,175	47,403	5.9	41,976,600	30,455,649	11,520,951	37.5	162,601,841	92,625,715	69,976,126	74.9
Wisconsin	8,555,080	8,244,711	310,369	3.8	134,901,875	81,263,682	53,638,193	66.0	148,359,216	88,142,349	60,216,867	68.3
<b>W. NORTH CENTRAL:</b>												
Minnesota	14,711,464	15,119,570	-388,106	-2.6	185,832,189	122,429,730	73,411,458	63.3	193,431,474	115,094,937	77,756,527	67.2
Iowa	27,274,325	21,985,377	-5,288,948	-23.9	394,494,033	180,093,039	214,400,994	61.1	456,679,298	196,552,547	260,126,751	132.0
Missouri	14,235,588	14,331,177	-95,589	-0.7	244,296,256	133,239,990	111,056,266	80.4	320,663,724	121,455,036	199,208,688	81.7
North Dakota	15,888,736	7,821,703	8,067,033	104.1	190,279,872	33,911,419	156,368,453	234.4	189,635,520	127,502,274	62,133,246	148.3
South Dakota	12,226,772	8,845,903	3,380,869	38.3	154,900,789	44,952,846	109,947,943	182.7	125,507,240	44,117,613	81,389,627	282.3
Nebraska	17,531,205	15,044,428	2,486,777	16.5	192,741,710	61,139,077	131,602,633	111.5	190,225,632	67,469,350	122,756,282	284.0
Kansas	19,900,720	18,077,648	1,823,072	10.1	211,485,723	101,249,785	110,235,938	91.7	214,830,597	113,522,693	101,307,904	89.3
<b>SOUTH ATLANTIC:</b>												
Delaware	438,522	437,168	1,354	0.3	8,489,639	5,713,085	2,776,554	48.6	9,120,899	6,275,360	2,846,540	45.4
Maryland	1,931,972	1,940,038	-8,126	-0.4	39,640,648	27,655,778	11,984,870	43.5	43,929,149	31,768,150	12,160,999	38.3
Dist. of Columbia	2,982	3,308	-326	-12.2	541,966	667,834	-125,868	-18.9	546,479	669,280	-122,801	-18.3
Virginia	4,256,226	3,543,537	-89,311	-2.2	56,434,239	62,101,608	-5,667,369	-9.1	60,331,157	58,701,742	1,629,415	2.8
West Virginia	1,574,382	1,992,405	-418,023	-20.9	33,120,653	20,805,307	12,315,346	59.2	40,374,770	25,696,189	14,678,581	57.1
North Carolina	5,957,037	5,606,144	350,893	6.1	127,852,968	62,235,432	65,617,536	105.4	142,892,882	68,024,922	74,867,960	108.2
South Carolina	5,182,845	4,222,151	960,694	9.1	139,133,422	56,613,543	82,519,879	140.8	141,963,754	58,800,943	83,162,811	141.1
Georgia	5,662,283	8,267,290	-2,604,997	-31.9	214,463,237	82,450,615	132,012,622	160.1	226,586,436	86,345,343	140,250,093	162.4
Florida	1,629,678	1,619,968	980	0.1	9,960,280	11,645,664	-1,685,384	-14.5	15,468,589	22,645,613	-7,177,024	-28.6
<b>E. SOUTH CENTRAL:</b>												
Kentucky	6,046,819	6,248,925	-202,107	-3.3	125,808,988	72,505,538	53,303,450	73.6	138,973,107	78,962,845	60,010,922	76.0
Tennessee	6,995,143	6,680,504	-314,639	-4.7	108,517,337	63,943,854	44,573,483	69.7	120,705,211	70,745,242	49,959,969	70.6
Alabama	7,206,238	6,741,796	464,453	7.3	133,942,678	70,119,129	63,823,549	93.9	147,287,347	73,129,720	74,157,627	97.1
Mississippi	6,158,719	5,570,880	588,399	10.6	139,126,139	81,838,341	57,287,768	71.0	147,315,621	84,788,786	62,526,835	73.5
<b>W. SOUTH CENTRAL:</b>												
Arkansas	5,376,484	5,071,894	304,590	7.1	109,332,380	55,431,909	53,900,471	97.2	119,419,025	59,272,212	60,146,813	101.5
Louisiana	5,892,962	3,406,944	2,486,018	71.5	73,092,698	40,895,963	32,196,722	78.8	77,336,143	42,634,543	34,681,600	82.4
Oklahoma	11,921,670	1,317,741	10,603,929	88.7	120,502,155	4,277,238	116,224,917	205.1	133,456,812	4,322,544	129,134,268	295.0
Texas	18,389,062	6,132,519	12,256,543	217	287,295,859	161,842,298	125,453,612	77.5	298,133,466	166,964,711	131,168,755	78.4
<b>MOUNTAIN:</b>												
Montana	1,848,113	1,146,063	702,050	61.3	28,459,747	10,440,769	18,009,978	172.4	29,714,574	10,692,515	19,022,048	177.9
Idaho	1,638,479	918,123	720,356	78.5	32,007,827	22,441,870	9,565,957	27.7	34,357,863	9,267,261	25,090,602	270.7
Wyoming	189,982	65,621	124,361	189.6	9,791,830	3,953,329	5,838,501	216.3	10,022,962	3,153,723	6,869,239	219.8
Colorado	2,614,312	1,549,303	1,064,809	68.7	45,798,963	16,389,714	29,409,249	179.4	46,971,958	16,970,588	30,001,370	280.4
New Mexico	632,739	196,023	436,716	222.8	8,076,854	2,796,708	5,279,746	188.0	8,922,397	3,064,557	5,857,839	191.2
Arizona	180,982	40,201	140,781	350.2	4,858,538	2,249,458	2,609,080	116.0	4,472,345	1,332,824	3,139,521	245.0
Utah	755,307	669,824	85,486	12.8	17,488,217	7,791,365	9,696,850	124.4	18,448,615	8,242,983	10,205,632	124.2
Nevada	302,387	326,520	-66,861	-20.5	5,780,637	2,845,696	2,934,941	103.2	5,923,636	3,067,369	2,856,267	106.1
<b>PACIFIC:</b>												
Washington	3,431,223	1,901,881	1,529,902	80.6	70,770,261	21,487,785	49,282,476	229.4	78,627,023	23,632,150	55,004,873	235.4
Oregon	2,283,288	2,027,856	255,432	12.6	42,283,157	19,396,818	22,886,339	118.0	44,060,725	21,806,687	22,254,038	124.9
California	4,825,733	6,493,874	-1,668,141	-25.6	160,469,039	64,383,672	96,085,366	55.5	185,111,013	85,265,712	99,845,301	60.6

<sup>1</sup> A minus sign (-) denotes decrease.<sup>2</sup> Less than one-tenth of 1 per cent.<sup>3</sup> Includes Indiana Territory.

ALL FARM CROPS.  
VALUE, BY STATES: 1909.



**Sale and purchase of crops suitable for feeding animals: 1909.**—In the case of some minor crops the entire product, or the larger part of it, is usually retained upon the farm for family consumption; this is notably true of vegetables. Of certain other crops practically the entire quantity, except such as is required for seed, is sold. These crops, which are frequently referred to as money crops, are mainly intended for human consumption, direct or indirect. Cotton, tobacco, sugar cane, hemp, hops, and to a slightly less extent wheat, are examples. Besides crops of these two classes, there are several crops, the most important being corn, oats, barley, and hay and forage, which are used chiefly as feed for animals. A majority of the farmers who raise these crops retain the entire product or a considerable proportion of it for their

own animals; others sell their surplus mainly for consumption by animals in cities, towns, and villages, or by animals on farms where such crops are not raised or are raised only in small quantities.

At the census of 1910 the agricultural schedules contained inquiries designed to ascertain not only the quantity and value of the leading "feedable" crops produced, but also the quantity and value of such crops sold and the amounts expended by farmers for the purchase of feed for animals. Table 12 presents statistics of such sales and purchases by geographic divisions and sections, and Table 15 shows them in less detail by states. It is probable that these statistics are somewhat less accurate than those of crop production, and are on the whole an understatement both of sales and of purchases.

Table 12

DIVISION OR SECTION.	Amount expended for feed: 1909	Receipts from sale of feedable crops: 1909	RECEIPTS FROM SALE OF SPECIFIED FEEDABLE CROPS: 1909									
			EXCESS OF RECEIPTS FROM SALE OVER AMOUNT EXPENDED. <sup>1</sup>		Corn.		Oats.		Barley.		Hay and forage.	
			Amount.	Per cent.	Quantity (bushels).	Amount received.	Quantity (bushels).	Amount received.	Quantity (bushels).	Amount received.	Quantity (tons).	Amount received.
<b>United States</b> .....	\$299,839,857	\$509,253,529	\$209,413,669	41.1	460,572,574	\$255,191,944	261,325,372	\$107,242,769	75,297,901	\$41,314,420	10,679,399	\$105,509,379
New England.....	34,615,964	4,236,647	*30,379,317	706.6	145,834	109,953	384,423	217,879	9,656	8,272	272,594	4,019,544
Middle Atlantic.....	54,606,044	21,384,058	*33,221,986	*153.4	4,419,668	3,007,230	4,531,876	2,357,688	326,228	214,002	1,116,016	19,575,138
East North Central.....	40,611,121	165,663,014	125,051,893	79.2	197,015,428	107,896,634	128,033,438	51,279,242	10,858,789	6,457,495	2,981,159	30,119,393
West North Central.....	78,297,557	174,905,969	98,198,432	86.7	194,410,359	109,628,242	94,511,852	26,678,888	43,056,403	21,221,922	2,303,803	15,866,325
South Atlantic.....	19,253,289	14,677,355	*4,575,933	*81.2	12,813,516	9,731,438	1,588,063	1,634,972	20,426	18,903	281,173	3,841,952
East South Central.....	15,697,673	15,684,379	76,706	0.5	17,496,876	11,989,973	1,503,258	786,448	22,963	14,771	238,791	2,863,187
West South Central.....	24,725,146	28,940,377	4,217,231	14.6	36,880,494	20,840,778	7,369,274	3,454,317	69,929	42,158	527,184	4,623,124
Mountain.....	13,294,509	29,830,896	7,626,387	36.6	998,468	651,253	12,164,100	5,927,921	3,741,566	2,106,953	1,417,308	12,144,767
Pacific.....	32,200,563	33,120,807	12,200,244	26.8	480,080	375,391	11,178,876	3,495,414	17,186,919	11,229,893	1,463,369	16,020,139
<b>The North</b> .....	206,128,686	395,999,708	189,871,022	47.9	391,991,240	211,553,109	227,501,689	90,563,607	54,251,076	27,901,692	6,763,572	65,981,210
<b>The South</b> .....	53,586,099	59,302,111	*283,988	*0.5	67,102,796	42,612,189	10,486,617	5,235,737	118,340	75,922	1,047,150	11,358,263
<b>The West</b> .....	34,126,072	65,391,708	19,526,631	36.7	1,478,538	1,026,064	25,943,946	11,423,358	20,325,485	13,326,816	2,868,677	28,164,906
<b>East of the Mississippi</b> .....	164,784,082	231,935,453	87,171,371	34.6	231,805,302	132,686,277	136,081,080	55,796,229	11,245,184	6,712,533	4,889,759	56,849,414
<b>West of the Mississippi</b> .....	135,055,775	277,298,069	122,242,294	47.5	288,769,272	122,505,667	125,244,252	51,536,516	64,054,717	34,634,897	5,789,664	48,654,955

<sup>1</sup> An asterisk (\*) indicates an excess of expenditures over receipts from sales.

The total amount reported by farmers as received during 1909 from the sale of corn, oats, barley, and hay and forage was \$509,254,000. The amount reported by farmers as expended for feed for live stock was \$299,840,000. The excess of receipts from sale over expenditures for purchase was \$209,414,000, or 41.1 per cent. This excess should represent in a rough way the value of crops of this character sold by farmers for consumption by animals in cities, towns, and villages, for export, or for human consumption in the United States.

Marked differences appear among the geographic divisions with respect to the relation of sales of feedable crops to purchases. In the East and West North Central divisions there was in 1909 a great excess of sales over purchases, while in the New England and Middle Atlantic divisions the sales were much less than the purchases, in the South Atlantic division considerably less, and in the East South Central division practically the same. In other words, in the northeastern divisions, and in parts of the South, the farmers do not raise enough feed for their own animals, but have to supply the deficiency by purchase from other sections of the country.

The total value of the corn, oats, barley, and hay and forage produced during 1909 was \$2,769,715,000, so that the value of such crops sold represents only 18.4 per cent of the total. Of the total quantity of corn produced, less than one-fifth was reported as sold; of oats slightly more than one-fourth; of barley about two-fifths; and of hay and forage only a little more than one-tenth. For further details see Table 13.

Table 13

DIVISION OR SECTION.	PER CENT OF TOTAL PRODUCTION REPORTED AS SOLD: 1909			
	Corn.	Oats.	Barley.	Hay and forage.
United States.....	18.0	25.9	42.4	11.0
New England.....	1.8	3.2	2.3	5.8
Middle Atlantic.....	6.3	7.1	15.8	9.9
East North Central.....	23.3	34.3	40.7	14.6
West North Central.....	19.1	21.1	43.4	6.6
South Atlantic.....	7.1	7.5	6.5	9.6
East South Central.....	8.3	12.9	18.4	8.3
West South Central.....	15.8	27.1	35.2	15.6
Mountain.....	13.6	30.0	38.2	16.5
Pacific.....	21.0	38.6	49.6	19.9
The North.....	20.4	25.9	42.3	9.3
The South.....	10.8	17.4	16.6	11.8
The West.....	15.4	33.9	47.1	18.0
East of the Mississippi.....	17.7	28.4	37.8	11.7
West of the Mississippi.....	18.5	23.7	44.6	16.4

## EXPENDITURES FOR LABOR AND FERTILIZERS ON FARMS.

**Expenditures for labor: 1909 and 1899.**—The schedules of the Twelfth and Thirteenth Censuses contained inquiries as to the amount paid by farmers for hired labor during the year preceding the taking of the census. No attempt was made to ascertain the number of persons hired. In many cases farmers hire labor only for a few days or a few weeks during the year and it would be impossible to determine the true average number employed for the year; and the actual number employed on any selected date, even if ascertained correctly, might be by no means typical of average conditions throughout the year. The schedule inquiry as to wages distinguished between money pay-

ment and the value of house rent and board furnished. It is probable that the latter item is, in general, less correctly reported than the former, and that it is in most cases somewhat understated. The two classes of payment are combined in most of the tables.

Table 14 presents statistics regarding expenditures for labor for each geographic division and section. As an aid to interpreting the data, the distribution of the total and of the improved acreage of farm land among the divisions and sections by percentages is also shown.

The amounts paid for labor in individual states, together with other data, are shown in Table 15.

Table 14

DIVISION OR SECTION.	AMOUNT EXPENDED FOR LABOR.				AMOUNT EXPENDED FOR FERTILIZERS.				PER CENT OF UNITED STATES TOTAL.								
	1909		1899		1909		1899		Amount expended for labor.		Amount expended for fertilizers.		All land in farms.		Improved land in farms.		
	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	1909	1899	1909	1899	1910	1900	1910	1900	
United States.....	\$651,611,287	\$357,391,930	\$294,219,367	82.3	\$114,882,541	\$53,430,910	\$61,451,631	115.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	34,500,407	20,727,980	13,772,427	66.4	9,407,759	4,297,705	5,110,054	118.9	5.3	5.8	8.2	8.0	2.2	2.5	1.5	2.0	2.0
Middle Atlantic.....	78,621,579	50,469,890	27,531,699	54.6	18,221,474	11,344,290	6,877,184	60.6	12.0	14.1	15.9	21.2	4.9	5.3	6.1	7.4	7.4
East North Central.....	117,890,195	67,356,529	59,323,919	74.5	9,058,881	6,866,520	2,192,361	37.4	18.1	18.9	7.9	11.0	13.4	13.9	18.6	20.9	20.9
West North Central.....	135,924,234	75,754,460	60,159,714	79.4	5,832,216	4,407,175	-1,425,050	-30.3	20.9	21.2	0.9	2.6	26.5	24.0	34.3	32.7	32.7
South Atlantic.....	69,607,245	37,084,040	29,521,305	78.6	29,625,130	26,732,570	2,892,560	102.3	10.3	10.4	23.9	42.5	11.8	12.4	10.1	11.1	11.1
East South Central.....	85,368,883	19,575,416	15,755,367	80.4	12,901,239	6,337,719	6,563,521	141.7	6.4	5.5	11.2	10.9	9.3	9.7	9.2	9.7	9.7
West South Central.....	29,980,738	29,871,225	30,109,513	100.8	3,225,927	1,374,116	1,851,811	134.8	9.2	8.4	2.8	2.6	19.2	21.0	12.2	9.6	9.6
Mountain.....	46,839,012	20,372,255	26,556,757	136.4	159,342	77,116	82,226	106.6	7.2	5.7	0.1	0.1	6.8	5.5	3.3	2.0	2.0
Pacific.....	76,449,994	35,998,144	40,480,820	112.5	2,299,573	9,073,610	1,305,963	131.4	11.7	10.1	2.0	1.9	2.0	1.9	2.7	4.6	4.5
The North.....	356,325,415	214,318,550	181,807,865	70.8	36,671,329	22,015,000	13,755,640	62.0	56.2	60.0	31.9	42.9	47.1	45.6	60.0	63.0	63.0
The South.....	161,806,866	86,532,661	75,364,185	87.1	7,752,296	29,444,494	46,307,802	157.3	24.8	24.2	65.9	65.9	41.7	43.2	31.6	31.6	31.6
The West.....	123,388,006	56,340,399	67,047,607	119.0	7,458,915	1,070,726	1,388,189	129.6	61.9	15.8	2.1	2.0	12.6	11.2	11.9	6.6	6.6
East of the Mississippi.....	332,318,369	195,415,846	136,992,463	70.1	168,214,483	86,635,500	118.3	51.0	54.7	94.2	92.8	41.7	43.8	45.6	51.1	51.1	51.1
West of the Mississippi.....	319,292,918	161,976,084	157,316,894	97.1	6,668,058	3,822,017	2,816,041	73.1	49.0	45.3	5.8	7.2	58.3	56.2	54.4	48.9	48.9

1 A minus sign (-) denotes decrease.

The total amount reported as expended for farm labor (including the value of rent and board furnished) in the country as a whole in 1909 was \$651,611,000, as compared with \$357,392,000 in 1899—an increase

of 82.3 per cent. This increase is due in part to higher rates of wages, and in part to employment of additional laborers, or employment for longer periods of time.

**Table 15** AMOUNT EXPENDED BY FARMERS FOR—

STATE.	Labor.					Fertilizers.			Feed.		RECEIPTS FROM SALE OF FEED-ABLE CROPS.
	1909	1899	1909	1899	1909	1909	1909	1909			
	New England:										
Maine.....	55,633,106	82,667,260	54,009,470	\$319,680	\$7,267,534	\$1,567,463					
New Hampshire.....	3,374,136	2,304,550	512,580	367,081	4,614,938	447,535					
Vermont.....	4,748,000	3,153,140	570,750	447,663	4,755,703	995,276					
Massachusetts.....	12,101,594	7,487,280	1,865,682	1,320,000	10,875,178	728,587					
Rhode Island.....	1,761,594	1,032,360	335,160	294,149	1,675,183	136,079					
Connecticut.....	6,881,619	4,103,420	1,984,163	1,073,240	5,416,108	530,307					
Middle Atlantic:											
New York.....	41,312,014	27,102,130	7,142,295	4,495,050	25,545,703	10,349,957					
New Jersey.....	11,697,727	6,720,020	4,277,640	2,652,223	9,471,151	3,076,815					
Pennsylvania.....	25,811,588	16,647,730	6,801,605	4,685,920	19,203,160	9,157,120					
E. N. CENTRAL:											
Ohio.....	25,631,124	15,502,600	6,455,485	2,605,478	8,445,761	31,396,130					
Indiana.....	17,682,079	9,685,540	2,189,000	1,553,710	6,803,901	32,749,631					
Illinois.....	36,908,376	22,182,550	615,594	830,690	17,613,628	104,425,104					
Michigan.....	19,063,062	10,717,222	945,354	622,366	5,882,915	12,254,203					
Wisconsin.....	19,195,473	10,465,610	127,753	294,239	5,672,916	14,857,856					
W. N. CENTRAL:											
Minnesota.....	22,330,149	16,657,820	74,453	225,129	5,041,925	19,741,965					
Iowa.....	24,781,562	16,375,670	109,570	327,190	18,582,251	57,034,312					
Missouri.....	15,644,695	9,808,610	671,673	370,037	115,008,200	107,907,983					
North Dakota.....	21,740,149	9,207,220	10,000	13,851	2,003,028	6,879,840					
South Dakota.....	12,831,944	5,528,070	11,294	12,949	3,949,255	16,373,129					
Nebraska.....	15,028,468	7,399,160	31,621	123,080	12,367,838	31,387,632					
Kansas.....	25,507,237	10,795,910	75,909	288,367	17,815,282	22,911,128					
SOUTH ATLANTIC:											
Delaware.....	1,612,471	1,075,900	864,377	539,001	337,541	715,022					
Maryland.....	8,892,172	5,715,520	3,847,634	2,618,999	2,445,863	3,249,590					
Dist. Columbia.....	238,833	197,420	16,975	22,609	130,077	180					
Virginia.....	13,354,194	7,790,720	6,932,455	3,681,790	3,504,660	3,753,316					

<sup>1</sup> Includes Indian Territory.

STATE.	Labor.					Fertilizers.			Feed.		RECEIPTS FROM SALE OF FEED-ABLE CROPS.
	1909	1899	1909	1899	1909	1909	1909	1909			
	SOUTH ATLANTIC—Continued.										
West Virginia.....	4,035,764	82,041,500	\$528,437	\$805,270	\$1,938,233	\$1,212,228					
North Carolina.....	9,220,564	5,444,950	12,362,533	4,473,083	5,151,190	2,061,733					
South Carolina.....	10,770,758	5,107,100	15,162,017	4,494,410	1,830,851	1,164,854					
Georgia.....	13,218,113	7,244,520	16,802,949	5,738,520	4,097,043	2,063,603					
Florida.....	5,354,576	1,408,290	5,609,533	738,120	1,820,350	496,829					
E. S. CENTRAL:											
Kentucky.....	12,345,851	6,613,330	1,350,720	908,250	4,014,998	6,282,130					
Tennessee.....	8,488,055	4,730,570	1,216,296	888,073	2,570,551	6,713,607					
Alabama.....	7,454,748	4,314,460	7,530,952	2,599,290	4,041,486	1,744,732					
Mississippi.....	7,162,223	3,917,256	2,703,271	362,083	3,980,638	943,830					
W. S. CENTRAL:											
Arkansas.....	7,654,571	3,171,090	596,553	1,732,475	2,375,807	2,700,767					
Louisiana.....	16,704,125	10,692,710	2,004,919	1,076,890	2,784,149	1,515,945					
Oklahoma.....	9,837,541	5,675,520	29,022	5,863,373	16,430,110	8,285,137					
Texas.....	25,784,502	12,331,945	595,263	12,716,710	6,940,946	8,285,137					
MOUNTAIN:											
Montana.....	10,800,477	5,077,340	12,323	10,800,477	1,741,071	3,925,518					
Idaho.....	6,701,604	2,290,450	20,737	17,150	2,129,505	5,275,620					
Wyoming.....	6,174,164	2,615,290	5,302	12,700	1,708,828	1,238,522					
Colorado.....	16,818,463	4,100,905	61,113	23,235	4,562,794	5,019,168					
New Mexico.....	3,645,423	1,951,110	25,371	2,880	1,327,633	1,445,063					
Arizona.....	2,534,084	1,152,670	6,080	2,921	541,371	1,445,838					
Utah.....	3,193,917	1,837,908	20,087	14,300	727,460	1,336,199					
Nevada.....	2,963,978	1,386,650	8,379		443,289	1,130,768					
PACIFIC:											
Washington.....	15,370,913	5,280,190	57,023	29,165	5,045,297	7,377,118					
Oregon.....	11,101,864	4,842,834	68,557	27,392	3,108,363	4,534,161					
California.....	19,876,199	25,845,120	2,143,967	387,000	12,676,930	21,229,528					

The distribution of the payments for labor among the geographic divisions does not conform very closely to the distribution of the total acreage of farms, or of the improved acreage. In particular, the New England, Middle Atlantic, Mountain, and Pacific divisions report a larger proportion of the total expenditures for labor than of either of the other small divisions, while the East and West South Central divisions report a much smaller proportion. These differences are probably due partly to differences in the prevailing rate of wages, but more largely to differences in the method of managing farms. Thus

in the South there is less hired labor because of the prevalence of small tenant farms.

These differences among the divisions in the extent to which farmers hire labor are further brought out by Table 16, which shows for 1909 the proportion which the farms in each division which reported expenditures for labor in 1909 form of the total number of farms and the average expenditure per farm reporting. As a guide to the interpretation of this average, the average size of all farms in each division is shown, it being impossible to state the average size of the farms which hire labor.

**Table 16**

DIVISION OR SECTION.	EXPENDITURES FOR LABOR.								EXPENDITURES FOR FERTILIZERS.								AVERAGE ACREAGE PER FARM.			
	Per cent farms reporting	Average farm report	All land farms.		Improved land farms.		Per cent farms reporting	Average farm report	All land farms.		Improved land farms.		All land farms.		Improved land farms.					
			1909	1899	1909	1899			1909	1899	1909	1899	1910	1900	1910	1900				
<b>United States.....</b>	<b>45.9</b>	<b>\$223.80</b>	<b>74.74</b>	<b>40.43</b>	<b>\$1.36</b>	<b>80.88</b>	<b>28.7</b>	<b>\$63.10</b>	<b>\$0.13</b>	<b>\$0.06</b>	<b>\$0.24</b>	<b>\$0.13</b>	<b>138.1</b>	<b>146.2</b>	<b>75.2</b>	<b>72.2</b>				
New England.....	66.0	277	1.75	1.01	4.76	2.55	60.9	82	0.48	0.21	1.30	0.53	104.4	107.1	38.4	42.4				
Middle Atlantic.....	63.8	233	1.31	1.13	2.66	1.64	57.1	68	0.42	0.25	0.72	0.37	92.2	92.4	62.6	63.4				
East North Central.....	32.7	199	1.00	0.88	1.33	0.78	37.0	37	0.07	0.06	0.09	0.07	105.0	104.2	79.2	76.3				
West North Central.....	51.0	240	0.58	0.58	0.83	0.56	2.1	41	0.01	0.01	0.01	0.01	309.6	189.5	148.0	127.9				
South Atlantic.....	42.2	142	0.64	0.30	1.37	0.80	69.2	77	0.37	0.22	1.22	0.49	93.3	108.4	43.6	47.9				
East South Central.....	31.0	107	0.43	0.24	0.80	0.49	33.8	37	0.16	0.07	0.29	0.13	78.2	89.0	42.2	44.5				
West South Central.....	33.6	178	0.35	0.17	1.03	0.73	6.4	33	0.02	0.01	0.06	0.03	179.3	233.8	81.3	82.7				
Mountain.....	46.8	547	0.40	0.44	0.93	0.62	1.3	67	0.17	0.11	0.41	0.21	224.5	457.9	86.8	82.9				
Pacific.....	58.8	604	1.49	0.76	3.47	1.92	6.4	189	0.04	0.02	0.10	0.05	270.3	334.8	116.1	132.5				
The North.....	55.1	230	0.89	0.56	1.26	0.82	21.7	59	0.09	0.06	0.13	0.09	143.0	133.2	100.3	90.9				
The South.....	36.6	143	0.46	0.24	1.07	0.69	38.2	24	0.21	0.08	0.50	0.23	114.4	138.2	48.6	48.1				
The West.....	32.5	630	1.11	0.60	3.25	2.07	2.9	169	0.02	0.01	0.06	0.04	286.9	386.1	161.7	111.8				
East of the Mississippi.....	46.4	182	0.91	0.53	1.52	0.92	43.8	63	0.30	0.15	0.50	0.23	93.0	99.8	55.4	57.6				
West of the Mississippi.....	45.3	291	0.62	0.34	1.23	0.83	4.1	67	0.02	0.01	0.03	0.02	211.3	229.0	107.4	98.4				

<sup>1</sup> Based on acreage in 1910 of all farms and not of those hiring labor.

<sup>2</sup> Less than 1 cent.

The table further shows for 1909 and 1899 the average expenditure for labor per acre of land in farms and per acre of improved land in farms, both of these averages being based on the acreage of all farms and not that of farms reporting expenditures for labor. From the figures given it appears that of the farms in the New England division 66 per cent hired labor in 1909, the average expenditure per farm reporting being \$277, while in the East South Central division, where there are many small tenant farms, only 31.6 per cent of all farms hired labor, and the average expenditure per farm was only \$107.

Table 17 distinguishes between money payment for labor and the value of house rent and board furnished.

For the United States as a whole, 80.1 per cent of the total amount expended for labor in 1909 was in the form of cash, the remainder (19.9 per cent) representing the value of rent and board furnished.

**Table 17** AMOUNT EXPENDED FOR LABOR: 1909

DIVISION.	AMOUNT EXPENDED FOR LABOR: 1909				
	Total.	Cash.		Rent and board furnished.	
		Amount.	Per cent of total.	Amount.	Per cent of total.
<b>United States</b> .....	<b>\$651,611,287</b>	<b>\$521,723,941</b>	<b>80.1</b>	<b>\$129,887,346</b>	<b>19.9</b>
New England.....	34,390,497	27,603,822	80.0	6,886,675	20.0
Middle Atlantic.....	78,021,579	59,913,169	76.8	18,108,410	23.2
East North Central.....	117,880,135	91,591,170	77.7	26,288,965	22.3
West North Central.....	135,924,234	105,025,453	77.3	29,898,781	22.7
South Atlantic.....	66,607,245	55,413,285	83.2	11,193,960	16.8
East South Central.....	35,308,883	28,662,434	81.2	6,646,449	18.8
West South Central.....	59,980,728	52,219,927	87.1	7,760,801	12.9
Mountain.....	46,939,012	37,384,632	79.6	9,554,380	20.4
Pacific.....	76,448,994	63,919,359	83.6	12,529,635	16.4

**Expenditures for fertilizers: 1909 and 1899.**—At the last two censuses the agricultural schedules contained inquiries as to the amount expended for fertilizers. These expenditures are made chiefly for commercial or artificial fertilizers, but to some extent for the purchase of manure or other natural fertilizers derived chiefly from cities, towns, and villages. Table 14 presents data regarding expenditures for fertilizers by geographic divisions and sections. Less detailed data for each state appear in Table 15.

#### THE CEREALS.

Considered as an aggregate the cereals are, both in acreage and value, the most important of the crops of the United States. In 1909 they occupied 40 per cent of all improved farm land, and contributed 48.6 per cent of the value of all crops. The acreage, production, and value of the combined cereals in 1909, with comparative figures for 1899, are given in Table 21.

Attention has already been called to the large share which the two North Central divisions have in the acreage of cereals. With upwards of 126,000,000 acres in 1909 these two divisions contained nearly two-thirds of the total cereal acreage of the country, though at the same time it should be noted that these

The total amount reported as spent for fertilizers by the farmers of the United States in 1909 was \$114,883,000, an increase of 115 per cent as compared with the expenditure in 1899.

There is a wide diversity among the sections of the country with reference to the practice of buying fertilizers. The great bulk of the expenditure reported in 1909 was in New England, the Middle Atlantic division, the states of Ohio and Indiana in the East North Central division, the South Atlantic division (which reported more than half of the total), and the East South Central division. In the other sections of the country the fertility of the soil, in so far as any attempt is made to conserve it, is usually maintained rather by rotation of crops, letting the land lie fallow, or using manure derived from live stock. Differences in the character of the soil and in the kinds of crops raised have a direct bearing on the use of commercial fertilizers. The South Atlantic division shows a higher rate of increase in expenditures for fertilizers (162.3 per cent) between 1899 and 1909 than any other. In the West North Central division, where the expenditures for fertilizers at both censuses were very low, they were considerably less in 1909 than in 1899.

The percentages and averages in Table 16 show further the differences among the geographic divisions with respect to the practice of buying fertilizers. In the country as a whole in 1909, 28.7 per cent of the farms bought fertilizers, the average expenditure per farm being \$63. In the South Atlantic division 69.2 per cent of all the farms reported some expenditure for fertilizers in 1909, the average per farm reporting being \$77, while in the West North Central division only 2.1 per cent of the farms bought fertilizers, and the average amount spent per farm was only \$41, notwithstanding the fact that the farms of this section average much larger than those in the South Atlantic division. The expenditures for fertilizers in the South Atlantic division were equal to \$1.23 for each acre of improved land in farms (based on all farms and not merely those reporting expenditures for fertilizers), while in the West North Central division the corresponding average was only \$0.01.

divisions contained slightly more than one-half of all the improved farm land. Seven states—Illinois, Kansas, Iowa, Nebraska, North Dakota, Missouri, and Minnesota—with an aggregate of 92,000,000 acres, contained nearly one-half of the total acreage in cereals in 1909.

Comparing 1909 with 1899, the figures for the United States as a whole show an increase of 3.5 per cent in the acreage of cereals and of only 1.7 per cent in production, the difference in the rate of increase being due to a slightly smaller production per acre. During the decade the population increased 21 per cent, while the per capita production of cereals, which in 1899 was 58.4 bushels, was in 1909 only 49.1 bushels. With a

production only slightly larger, the value of the cereal crop in 1909 exceeded that in 1899 by \$1,183,000,000, or 79.8 per cent.

The slight gain which has been noted in the cereal acreage was far from being evenly distributed throughout the country. Indeed, all divisions east of the Mississippi River lost in acreage, the aggregate loss being over 6,000,000 acres. West of the Mississippi River, on the other hand, all divisions except the Pacific increased their acreage, with a net gain of over 12,000,000 acres. Twenty-seven states had a smaller acreage of cereals in 1909 than in 1899. Of the seven leading states mentioned above, North Dakota increased its acreage enormously during the decade, Kansas made a considerable, and Nebraska a slight gain, but in Illinois, Iowa, Minnesota, and Missouri decreases occurred.

The distribution of production throughout the several divisions and the increase or decrease from one year to another follow the conditions observed in regard to acreage approximately, but not exactly, since variations in the average yield in different sections make some changes in the proportions. For the United States as a whole the production was practically the same in 1909 as in 1899, with an increase of only 1.7 per cent in the later year as compared with the earlier.

Twenty-one states reported a smaller production in 1909 than in 1899. Of the seven leading states, North Dakota shows an increase in production even greater relatively than that in acreage, and Minnesota shows a slight increase in production, in spite of a decrease in acreage, while Illinois, Kansas, Iowa, Nebraska, and Missouri show a decrease in production, though Kansas and Nebraska gained in acreage.

Table 21 shows that the remarkable increase in the value of the cereal crop disclosed by the census generally was shared by all divisions. In only one state, California, was there any decrease in the value of the cereal production in 1909 as compared with 1899. Elsewhere the general advance in values more than offset such losses as occurred in production.

While the cereals will later be discussed individually, it is of interest to consider here the relative importance of the different crops. This is shown in Table 18, which gives for the United States and for each geographic division and section the percentage of the aggregate cereal acreage which was occupied by each crop in 1909.

In the United States as a whole a little more than one-half of the acreage devoted to cereals is in corn, a little less than one-fourth in wheat, and somewhat more than one-sixth in oats. In each of the nine divisions except the Pacific the three leading cereals—corn, wheat, and oats—occupy, as in the United States at large, much more than three-fourths of the total cereal acreage. In the Pacific states the acreage of corn is insignificant and that of barley exceeds that

of oats. Corn occupies the leading place in the important cereal producing regions, but in the New England and Middle Atlantic divisions the first place is held by oats, and in the Pacific and Mountain divisions by wheat. The cereals included under the head of "all other" in the final column of the table are emmer and spelt, kafir corn, and rice. The share of these in the aggregate acreage in most divisions is slight, but in the West South Central division kafir corn occupies 5.7 per cent and rice 3 per cent of the total cereal acreage.

Table 18 PER CENT OF TOTAL CEREAL ACREAGE (1909) IN—

DIVISION OR SECTION.	PER CENT OF TOTAL CEREAL ACREAGE (1909) IN—							
	All cereals.	Corn.	Wheat	Oats.	Barley.	Rye.	Buckwheat, All other.	
United States.....	100.0	51.4	23.1	18.4	4.0	1.1	0.5	1.5
New England.....	100.0	38.9	1.0	47.6	3.5	2.8	6.1	(1)
Middle Atlantic.....	100.0	29.1	21.5	33.9	1.2	6.4	8.0	(5)
East North Central.....	100.0	51.8	16.6	26.5	2.4	2.3	0.3	(1)
West North Central.....	100.0	42.9	30.9	18.8	5.7	0.6	(1)	1.1
South Atlantic.....	100.0	74.5	14.7	8.0	0.1	1.0	0.6	0.2
East South Central.....	100.0	83.4	9.7	4.4	(1)	0.4	(1)	(1)
West South Central.....	100.0	75.6	8.0	6.5	0.1	(1)	(1)	8.8
Mountain.....	100.0	13.8	38.3	34.7	9.3	1.0	(1)	2.9
Pacific.....	100.0	1.6	37.9	13.8	25.4	0.4	(1)	0.8
The North.....	100.0	45.0	25.8	22.2	4.4	1.4	0.6	0.7
The South.....	100.0	77.9	10.6	7.3	0.1	0.4	0.2	3.6
The West.....	100.0	6.1	50.7	21.5	19.5	(1)	(1)	1.5
East of the Mississippi.	100.0	59.4	15.4	20.5	1.4	2.1	1.1	(1)
West of the Mississippi.	100.0	45.8	28.5	16.9	5.8	0.5	(1)	2.5

<sup>1</sup> Less than one-tenth of 1 per cent.

In the South corn occupies over three-fourths of the total cereal acreage, but in the North the proportion is less than one-half. In both of these sections wheat is second in importance, with oats a close third. In the West, however, wheat occupies one-half the cereal acreage, and oats and barley each about one-fifth, while the acreage of corn is insignificant.

Table 19 shows the distribution of the total acreage of each particular crop among the different geographic divisions and sections.

Table 19 PER CENT OF TOTAL ACREAGE IN THE UNITED STATES: 1909

DIVISION OR SECTION.	PER CENT OF TOTAL ACREAGE IN THE UNITED STATES: 1909						
	All cereals.	Corn.	Wheat	Oats.	Barley.	Rye.	Buckwheat.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	0.2	0.2	(1)	0.6	0.2	0.6	3.3
Middle Atlantic.....	3.9	2.2	2.6	7.2	1.1	21.5	67.4
East North Central.....	22.1	22.3	15.9	31.9	13.1	44.1	15.9
West North Central.....	43.7	36.5	58.4	44.7	61.9	21.4	3.0
South Atlantic.....	8.0	11.9	5.1	3.9	0.9	0.2	7.7
East South Central.....	7.1	11.5	3.0	2.5	0.1	2.3	0.5
West South Central.....	10.2	15.2	3.5	3.6	0.2	0.3	9.7
Mountain.....	1.8	0.5	2.9	3.3	4.1	1.5	(1)
Pacific.....	3.0	0.1	7.6	2.3	19.2	1.2	0.1
The North.....	70.0	61.2	78.0	84.4	76.3	87.7	89.6
The South.....	25.3	38.2	11.6	10.0	0.5	9.7	10.2
The West.....	4.8	0.6	10.5	5.6	23.2	2.6	0.2
East of the Mississippi.	41.3	47.7	27.6	46.1	14.4	75.7	96.9
West of the Mississippi.	58.7	52.3	72.4	53.9	85.3	24.3	3.1

<sup>1</sup> Less than one-tenth of 1 per cent.

This distribution reflects in part the size of the different divisions and sections of the country, or rather, the amount of improved land in them. Hence for the three leading cereals, corn, oats, and wheat, the largest proportion of the acreage is found in the West North



# FARM CROPS, BY STATES.

ALL CEREALS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 21 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States...</b>	<b>191,398,963</b>	<b>184,882,220</b>	<b>6,413,743</b>	<b>3.5</b>	<b>4,512,564,465</b>	<b>4,438,857,013</b>	<b>73,707,452</b>	<b>1.7</b>	<b>\$2,665,539,714</b>	<b>\$1,489,803,049</b>	<b>\$1,182,936,665</b>	<b>78.8</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England...	468,617	505,327	-36,710	-7.3	16,972,973	17,447,477	-474,504	-2.7	10,064,849	7,722,703	2,342,146	38.1
Middle Atlantic...	7,430,170	8,452,125	-1,021,955	-12.1	182,950,097	213,777,302	-30,827,205	-14.4	123,246,651	92,022,936	31,223,715	33.9
East North Central...	42,305,757	43,529,749	-1,247,992	-2.9	1,382,640,124	1,371,569,131	11,070,993	0.8	731,013,437	428,806,302	302,207,135	70.5
West North Central...	83,705,743	75,771,149	7,934,594	10.5	1,936,411,197	1,577,649,699	358,761,498	22.7	1,089,912,479	547,296,135	542,616,344	99.1
South Atlantic...	15,282,740	16,964,662	-1,681,922	-9.9	231,040,725	220,394,303	10,646,422	4.8	194,466,455	111,068,436	83,398,515	75.1
East South Central...	13,575,676	15,601,376	-2,025,700	-13.0	237,766,717	251,846,755	-14,080,038	-5.6	173,832,911	114,349,649	59,483,262	52.0
West South Central...	19,468,212	15,919,033	3,549,179	22.3	390,793,487	326,732,734	64,060,753	19.6	194,958,491	109,968,922	84,989,569	77.3
Mountain...	3,354,074	1,636,890	1,717,694	104.9	88,929,191	36,715,232	52,213,959	142.2	56,779,393	16,220,286	40,559,649	250.1
Pacific...	5,804,374	6,577,799	-773,425	-11.8	126,039,954	122,742,029	3,297,925	2.7	67,962,100	55,137,630	12,824,470	23.4
<b>NEW ENGLAND:</b>												
Maine...	159,616	166,896	-7,280	-4.4	5,395,168	5,291,655	103,513	2.0	3,100,902	2,138,203	962,699	45.0
New Hampshire...	32,928	42,335	-9,407	-22.2	1,355,995	1,677,225	-321,230	-19.2	879,631	774,243	105,388	13.6
Vermont...	134,611	160,127	-25,516	-15.9	4,351,467	5,708,140	-1,356,673	-23.8	2,651,877	2,446,585	205,292	8.4
Massachusetts...	55,267	53,385	1,882	3.5	2,402,738	1,894,035	508,703	26.9	1,617,131	922,127	695,004	75.4
Rhode Island...	12,112	10,552	1,560	14.8	459,384	350,110	109,274	31.2	376,097	169,657	206,440	98.3
Connecticut...	74,083	72,032	2,051	2.8	3,008,251	2,526,312	481,939	19.1	2,039,211	1,251,588	787,623	62.9
<b>MIDDLE ATLANTIC:</b>												
New York...	2,602,941	3,125,077	-522,136	-16.7	69,239,218	80,413,695	-11,174,477	-13.9	43,099,988	34,284,705	8,815,283	25.7
New Jersey...	503,651	588,853	-85,202	-14.5	14,035,521	15,553,475	-1,517,954	-9.8	9,797,937	6,938,690	2,859,247	41.2
Pennsylvania...	4,324,058	4,738,193	-414,137	-8.7	99,675,358	117,810,192	-18,134,834	-15.4	70,348,726	50,809,541	19,539,185	38.5
<b>EAST NORTH CENTRAL:</b>												
Ohio...	7,649,873	8,214,960	-565,087	-6.9	247,749,703	245,957,855	1,791,848	0.7	137,907,934	91,748,320	46,159,614	50.3
Indiana...	8,702,732	8,471,709	231,023	3.3	281,488,700	249,445,647	32,043,053	12.8	151,698,146	81,538,825	70,039,321	85.6
Illinois...	16,536,457	16,709,010	-322,553	-1.4	580,954,423	600,107,378	-19,152,955	-3.2	297,523,098	164,784,437	132,738,661	80.5
Michigan...	4,415,629	4,712,126	-296,497	-6.3	121,862,638	105,359,403	16,503,235	15.7	70,544,520	41,819,402	28,725,208	68.7
Wisconsin...	4,931,066	5,376,944	-428,878	-7.9	150,584,600	170,689,848	-20,105,248	-11.8	73,141,199	48,995,728	24,546,191	50.1
<b>WEST NORTH CENTRAL:</b>												
Minnesota...	10,139,850	11,207,699	-1,067,849	-9.5	259,148,531	242,833,903	16,294,628	6.7	140,894,148	85,517,565	55,046,593	64.5
Iowa...	15,041,039	16,920,095	-1,879,056	-11.1	489,803,118	593,978,358	-104,175,240	-17.5	230,205,315	147,919,076	82,286,239	55.6
Missouri...	10,255,476	10,423,745	-168,269	-1.6	246,786,298	252,772,272	-5,985,974	-2.4	147,980,414	70,576,651	77,403,763	87.1
North Dakota...	11,887,141	5,610,374	6,276,767	111.9	217,246,973	90,430,446	126,816,527	140.2	149,133,451	40,126,051	109,007,400	271.7
South Dakota...	8,203,519	6,211,223	1,992,296	32.1	174,903,749	101,194,100	73,709,649	72.8	98,953,050	34,506,001	64,446,989	186.8
Nebraska...	12,540,049	12,071,703	468,346	3.9	285,078,947	297,865,366	-12,786,419	-4.3	153,666,652	75,730,442	77,936,210	102.9
Kansas...	15,638,699	13,326,940	2,311,759	17.3	263,443,581	298,546,254	-35,102,673	-11.8	109,109,449	83,622,109	25,487,340	102.2
<b>SOUTH ATLANTIC:</b>												
Delaware...	309,288	318,772	-9,484	-3.0	6,648,544	6,775,575	-127,031	-1.9	4,092,329	3,602,513	1,639,816	54.7
Maryland...	1,329,201	1,368,265	-39,064	-2.9	29,183,197	30,985,936	-1,802,739	-5.8	21,908,730	14,505,962	7,402,738	51.0
District of Columbia...	432	543	-111	-6.8	13,232	16,300	-3,068	-18.8	9,933	7,039	2,896	41.1
Virginia...	2,841,114	3,166,332	-325,218	-10.3	50,283,074	49,470,178	812,896	1.6	39,993,929	23,759,479	16,234,450	68.3
West Virginia...	1,038,931	1,307,428	-268,497	-20.5	22,116,677	23,152,668	-1,035,991	-4.5	15,997,700	11,571,334	4,426,366	38.3
North Carolina...	3,250,870	3,794,064	-543,194	-14.3	41,117,292	42,050,432	-933,140	-2.2	37,848,797	22,082,175	15,766,622	71.4
South Carolina...	1,955,095	2,251,050	-295,955	-13.1	27,493,754	22,834,720	4,659,034	20.4	25,434,599	12,722,415	12,712,124	99.9
Georgia...	3,906,703	4,150,886	-244,183	-5.9	46,536,619	39,372,927	7,163,692	18.2	42,405,019	20,451,157	21,953,862	107.0
Florida...	650,486	607,322	43,164	7.1	7,648,336	5,095,567	2,552,769	34.3	6,175,973	2,906,332	3,269,641	112.0
<b>EAST SOUTH CENTRAL:</b>												
Kentucky...	4,323,702	5,065,529	-761,827	-15.0	94,836,975	92,422,566	2,414,409	2.6	60,738,651	39,692,771	21,045,880	53.0
Tennessee...	4,136,647	5,035,328	-898,681	-17.8	79,148,649	82,095,132	-2,946,483	-3.6	55,302,278	36,914,562	18,387,686	49.8
Alabama...	2,844,832	3,668,545	-243,630	-7.9	34,072,602	37,610,914	-3,538,382	-9.4	30,927,210	18,424,818	12,502,892	67.9
Mississippi...	2,270,503	2,372,065	-101,562	-4.3	29,709,061	39,718,143	-10,009,082	-25.2	26,864,772	19,317,068	7,546,304	39.1
<b>WEST SOUTH CENTRAL:</b>												
Arkansas...	2,564,898	2,980,684	-415,786	-13.9	42,655,839	50,527,455	-7,871,616	-15.6	31,262,922	20,233,270	11,029,652	54.5
Louisiana...	1,938,357	1,573,739	364,598	23.2	37,373,196	28,594,874	8,678,322	30.4	24,786,984	14,491,796	10,295,188	71.0
Oklahoma...	1,248,653	1,431,819	-3,816,831	86.1	129,816,483	100,318,982	29,497,501	29.4	71,798,662	28,111,206	43,687,372	155.4
Texas...	6,716,304	6,932,791	-216,487	-3.1	100,407,969	147,291,423	-46,243,454	-32.1	67,109,923	47,132,566	19,977,357	42.4
<b>MOUNTAIN:</b>												
Montana...	635,807	254,231	381,576	150.1	21,239,157	7,599,180	13,639,977	179.0	12,251,345	3,267,720	8,983,619	274.9
Idaho...	847,138	309,788	537,350	129.1	26,528,174	8,394,800	18,133,374	216.0	16,026,676	3,212,387	12,814,289	398.9
Wyoming...	186,947	50,528	136,419	270.0	4,523,310	1,195,775	3,327,535	278.2	2,744,302	528,451	2,215,851	421.0
Colorado...	1,077,905	525,299	552,606	101.4	22,322,328	10,501,528	11,820,800	112.6	14,787,530	4,700,271	10,087,259	214.6
New Mexico...	218,087	96,402	121,635	125.2	2,975,383	1,653,162	1,322,221	80.0	2,082,996	679,903	1,403,093	143.2
Arizona...	75,269	39,805	35,464	39.5	1,878,960	1,147,202	731,758	63.0	1,870,833	673,639	897,214	133.2
Utah...	298,613	255,699	42,914	16.8	8,296,025	5,381,125	2,915,500	54.2	6,062,281	2,386,780	3,705,492	155.3
Nevada...	34,958	31,075	3,883	12.5	1,165,254	842,731	322,563	38.2	923,763	417,060	506,703	96.1
<b>PACIFIC:</b>												
Washington...	2,951,583	1,350,997	1,240,685	91.8	60,610,407	30,480,585	30,180,222	99.4	44,702,138	12,191,397	32,570,741	267.2
Oregon...	1,242,500	1,222,648	19,652	1.6	26,343,250	23,235,515	3,107,735	13.4	17,850,136	9,271,500	8,588,636	92.6
California...	1,970,492	4,094,254	-2,033,762	-50.8	39,165,917	69,085,929	-29,980,012	-43.4	26,039,826	33,674,733	-5,634,907	-16.7

\* Includes Indian Territory.

Corn.—For the United States as a whole the area of corn harvested increased from 94,914,000 acres in 1899 to 98,383,000 in 1909, or 3.7 per cent, but the production decreased from 2,666,000,000 bushels to 2,552,000,000 bushels, or 4.3 per cent. The total value of the crop of 1909, however, was \$1,439,000,000, as compared with \$828,000,000 in 1899, an increase of \$610,000,000, or 73.7 per cent. Corn in 1909 occupied 20.6 per cent of the improved farm land of the country and contributed 26.2 per cent of the total value of crops. The statistics are presented by divisions and states, in Table 23.

Table 22 gives, for the nine geographic divisions and for the five leading producing states, percentages and averages derived mainly from Table 23.

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHELS PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	20.6	25.9	28.1	\$0.96	\$0.31	\$14.67	\$8.73
New England.....	0.2	2.5	45.2	39.4	0.67	0.21	30.54	20.04
Middle Atlantic.....	2.2	7.4	32.2	34.0	0.65	0.43	21.45	14.63
East North Central.....	22.3	24.6	38.6	38.3	0.51	0.30	19.83	11.51
West North Central.....	30.5	21.9	37.7	31.4	0.51	0.26	14.00	8.07
South Atlantic.....	11.6	23.5	15.8	14.1	0.83	0.47	13.13	6.60
East South Central.....	11.5	23.8	18.6	18.4	0.72	0.43	13.33	7.98
West South Central.....	15.2	25.6	15.7	21.9	0.61	0.32	9.69	6.38
Mountain.....	0.5	2.9	15.8	16.5	0.63	0.50	9.89	8.21
Pacific.....	0.1	0.4	24.0	25.2	0.78	0.47	18.82	11.50
Illinois.....	10.2	33.8	38.8	38.8	0.51	0.29	19.74	11.21
Iowa.....	4.1	31.5	37.2	34.4	0.55	0.25	18.16	9.52
Kansas.....	8.2	27.1	19.1	27.8	0.22	0.25	9.96	7.03
Nebraska.....	7.4	29.8	24.8	28.8	0.49	0.24	12.14	6.99
Missouri.....	7.2	28.9	26.9	28.1	0.56	0.29	15.09	8.25

The percentage of the acreage in each geographic division has already been discussed. The leading states in acreage of corn are Illinois, Iowa, Kansas, Nebraska, and Missouri, in the order named. Each of these states had more than 7,000,000 acres in corn in 1909, their aggregate acreage being nearly 42,000,000, or over two-fifths of the total corn acreage of the United States. The distribution of the corn acreage of 1909 among the states is shown by the map on page 384.

In the United States as a whole corn occupies about one-fifth of the improved land in farms, this proportion being exceeded in each of the five principal agricultural divisions. In the five states mentioned above corn occupies more than one-fourth of the improved land in farms, while in Illinois it occupies more than one-third and in Iowa almost one-third.

Table 23 shows that by far the most extensive change in the acreage of corn during the decade from 1899 to 1909 was in the West South Central division, where the area harvested increased 3,731,000 acres, or 33.4 per cent, almost all of this increase taking place in the single state of Oklahoma. It may be noted also that the gain in this state is equivalent to 98.4 per cent of the entire net increase in the total corn acreage of the United States. For the Mountain division a very high percentage of increase is recorded, though the acreage is still small. A marked relative decrease is shown for the New England and Middle Atlantic divisions, but

in neither is the production of corn very important. Among the leading corn states, there were increased acreages in Minnesota, North Dakota, and South Dakota, and decreased acreages in Iowa and Missouri.

The average yield for the United States was 25.9 bushels per acre in 1909 and 28.1 bushels in 1899. Among the geographic divisions which have a considerable acreage in corn, the highest yield in 1909 was in the East North Central division and the lowest in the West South Central division. In the West North Central and West South Central divisions, which contain about one-half of the total corn acreage, the average yield in 1909 was conspicuously lower than in 1899. In the other divisions the average per acre changed but little. Among the principal corn states, Kansas showed a very conspicuous falling off in average yield, and of the five states named in the table, Illinois was the only one in which the yield did not decrease. By reason of these differences in average yield per acre, the changes in the total production of the various divisions and states do not correspond very closely with the changes in acreage. Two divisions with increased acreages report a smaller production in 1909 than in 1899, and two with reduced acreages report a greater production. In each of the five states which lead in acreage both the acreage and the production decreased during the decade, but in Kansas and Nebraska the decrease in production was much more pronounced than that in acreage.

The average value of corn per bushel in 1909 was \$0.56, as compared with \$0.31 in 1899. The divisions from which the highest average values are reported are, with the exception of the South Atlantic and East South Central divisions, those having a comparatively small acreage in corn. With the great advance in average value per bushel, there was a corresponding advance in the average value per acre, though by reason of a decreased yield per acre the percentage of increase was not so great. For the crop as a whole, however, the advance in the average value per bushel, despite a diminished production, resulted in an enormous increase in aggregate value, in which every state except Vermont shared.

The per capita production of corn in 1909 was 27.7 bushels, as compared with 35.1 bushels in 1899. The decreased production per capita, with the accompanying increase in price, has resulted in a great falling off in exports. For the year ending June 30, 1900, exports amounted to 213,123,000 bushels, equal to 8 per cent of the crop of 1899, while for the year ending June 30, 1910, they amounted to only 38,128,000 bushels, or 1.5 per cent of the crop of 1909. With the exception of the year 1908, this is the smallest proportion of the corn crop exported in any year since 1870. Of the 1899 crop the amount remaining for home use was 2,453,000,000 bushels, while of the 1909 crop it was 2,514,000,000 bushels—the amount retained in 1909 being the greater by 61,000,000 bushels. Thus in 1899, 32.3 bushels per capita remained for home use, and in 1909, 27.3 bushels.

FARM CROPS, BY STATES.

CORN—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 23 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.				
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.		
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Perct.	
United States	88,382,665	94,913,673	3,468,992	-3.7	2,552,189,630	2,866,324,370	-114,134,740	-4.3	\$1,438,583,919	\$828,192,388	\$610,381,531	73.7	
<b>GEOGRAPHIC DIVISIONS:</b>													
New England	182,065	198,377	-16,312	-8.2	8,238,394	7,807,920	430,474	5.5	5,560,074	3,976,367	1,583,707	39.8	
Middle Atlantic	2,158,554	2,434,743	-276,189	-11.3	69,610,602	82,874,430	-13,262,828	-16.0	45,434,101	35,612,050	9,822,141	27.6	
East North Central	21,910,191	21,590,260	319,931	1.5	545,298,285	827,065,540	-18,232,745	-2.2	434,424,336	248,570,575	185,853,761	74.8	
West North Central	35,945,297	35,329,298	615,999	1.2	996,338,997	1,114,154,560	-117,795,563	-10.6	503,264,949	286,872,473	216,392,476	75.4	
South Atlantic	11,386,984	12,024,474	-637,490	-5.3	179,511,702	169,468,560	10,042,742	5.9	149,479,304	79,406,051	70,073,253	88.2	
East South Central	11,328,368	11,718,504	-385,236	-3.3	210,154,917	215,124,577	-4,969,660	-2.3	150,975,613	98,440,199	52,535,424	61.6	
West South Central	14,912,067	11,181,133	3,730,934	33.4	233,402,607	245,126,328	-11,724,721	-4.8	143,035,538	78,023,053	65,012,485	83.3	
Mountain	463,991	160,211	303,780	189.6	7,826,943	2,647,733	4,678,310	176.7	4,587,700	1,330,780	3,256,920	244.8	
Pacific	95,248	81,405	13,843	17.0	2,288,683	2,055,322	233,361	11.4	1,792,208	960,890	831,358	86.5	
<b>NEW ENGLAND:</b>													
Maine	15,213	16,850	-1,643	-9.7	648,882	645,940	3,482	0.5	434,834	326,824	108,010	33.0	
New Hampshire	19,814	25,694	-5,880	-22.9	916,263	1,080,720	-164,457	-15.2	621,306	538,738	82,568	15.3	
Vermont	42,887	60,633	-17,746	-29.3	1,715,133	2,322,450	-607,317	-26.2	1,102,222	1,180,500	-78,283	-6.6	
Massachusetts	41,755	39,131	2,624	6.7	2,029,381	1,539,989	489,401	31.8	1,372,144	717,277	600,867	77.9	
Rhode Island	9,679	8,149	1,530	18.5	398,138	288,220	109,973	38.2	335,629	164,138	171,491	104.5	
Connecticut	52,717	47,414	4,803	10.0	2,530,542	1,931,510	599,032	31.0	1,603,939	994,885	609,054	70.3	
<b>MIDDLE ATLANTIC:</b>													
New York	512,442	658,052	-146,210	-22.2	18,115,634	20,024,850	-1,909,216	-9.5	11,439,169	9,181,782	2,257,387	24.6	
New Jersey	265,441	238,238	-29,817	-10.1	10,000,731	10,978,800	-978,069	-8.9	6,664,182	5,573,473	1,130,689	47.0	
Pennsylvania	1,380,671	1,450,833	-100,162	-6.8	41,494,237	51,869,789	-10,375,543	-20.0	27,330,860	21,896,745	5,436,065	24.8	
<b>EAST NORTH CENTRAL:</b>													
Ohio	3,919,050	3,836,013	80,037	2.4	157,513,300	152,055,399	5,457,910	3.6	82,327,269	48,037,895	34,289,374	71.4	
Indiana	4,901,054	4,499,249	401,805	8.9	196,496,433	178,967,070	16,269,363	9.2	98,437,988	61,732,946	36,685,042	90.2	
Illinois	10,045,830	10,266,335	-220,466	-2.1	390,218,676	398,149,149	-7,930,464	-2.0	198,350,496	115,075,901	83,274,595	72.4	
Michigan	1,589,596	1,501,189	88,407	5.9	52,906,842	44,384,130	8,222,712	18.7	29,880,929	17,798,011	11,782,918	66.2	
Wisconsin	1,487,652	1,497,474	-9,822	-2.7	49,163,034	53,309,810	-4,146,776	-7.8	25,727,654	15,906,822	9,820,832	61.8	
<b>WEST NORTH CENTRAL:</b>													
Minnesota	2,004,068	1,441,580	562,488	39.0	67,897,051	47,256,920	20,640,131	43.7	30,510,145	11,337,105	19,173,040	169.1	
Iowa	9,229,378	9,804,076	-574,698	-5.9	341,750,460	383,453,140	-41,702,780	-10.9	167,622,834	97,297,707	70,325,127	72.3	
Missouri	7,113,953	7,423,683	-309,730	-4.2	191,427,087	208,844,870	-17,417,783	-8.3	107,347,033	61,246,305	46,100,728	75.3	
North Dakota	185,122	62,373	122,749	196.8	4,944,152	1,284,870	3,659,282	284.6	2,408,303	897,278	1,506,025	505.0	
South Dakota	2,037,638	1,196,381	841,277	70.3	55,538,757	32,402,540	23,136,197	71.5	26,395,965	7,265,127	19,130,838	263.4	
Nebraska	7,266,057	7,353,187	-60,130	-0.9	180,132,807	210,974,740	-30,841,933	-14.6	88,234,846	41,251,213	36,983,633	72.2	
Kansas	8,109,601	8,286,108	-176,507	-1.9	154,651,703	229,937,430	-75,285,727	-32.7	80,730,833	58,079,733	22,651,065	39.0	
<b>SOUTH ATLANTIC:</b>													
Delaware	188,755	192,025	-3,270	-1.7	4,839,548	4,736,580	102,968	2.2	2,903,442	1,725,452	1,177,990	68.3	
Maryland	647,012	685,010	-10,998	-1.7	17,911,436	19,796,510	-1,885,074	-9.4	11,015,208	7,462,594	3,552,704	47.6	
District of Columbia	426	462	-36	-7.8	12,867	14,950	-2,133	-15.4	4	9,635	6,322	3,313	62.4
Virginia	1,860,359	1,910,085	-49,726	-2.6	38,296,141	36,748,410	1,547,731	4.2	28,885,944	16,233,756	12,652,188	77.9	
West Virginia	679,311	724,646	-45,335	-6.2	17,119,097	16,610,730	508,367	3.1	11,997,261	7,698,335	4,298,926	54.7	
North Carolina	2,459,457	2,720,206	-260,749	-9.6	34,063,531	34,818,860	-755,329	-2.2	31,266,102	17,204,407	13,951,695	80.8	
South Carolina	1,565,832	1,772,077	-206,245	-11.6	20,871,946	17,429,610	3,442,336	19.8	20,682,623	9,149,808	11,532,814	126.0	
Georgia	3,283,061	3,477,684	-194,623	-5.7	39,374,569	34,022,220	5,352,339	15.7	37,079,961	17,155,868	19,924,134	116.1	
Florida	603,771	569,567	36,204	6.4	7,023,707	5,311,050	1,712,717	32.2	5,709,009	2,669,509	3,039,500	113.9	
<b>EAST SOUTH CENTRAL:</b>													
Kentucky	3,436,340	3,319,257	117,083	3.5	83,348,024	73,974,220	9,373,804	12.7	50,449,112	29,423,996	21,025,116	71.5	
Tennessee	3,146,348	3,374,574	-228,226	-6.8	67,682,489	67,307,390	375,099	0.6	45,819,063	28,059,508	17,759,555	63.3	
Alabama	2,572,968	2,743,300	-170,332	-6.2	30,695,747	35,053,047	-4,357,310	-12.4	28,877,022	17,082,751	11,994,281	67.9	
Mississippi	2,172,612	2,276,313	-103,701	-4.6	28,428,667	38,789,920	-10,361,253	-26.7	30,308,376	18,873,934	7,166,442	37.9	
<b>WEST SOUTH CENTRAL:</b>													
Arkansas	2,277,116	2,317,742	-40,626	-1.8	37,669,544	44,144,098	-6,534,554	-14.8	27,910,944	17,572,170	10,337,874	68.8	
Louisiana	1,590,830	1,343,756	247,074	18.4	26,010,361	22,662,880	3,347,781	17.9	16,480,522	10,327,723	6,152,799	59.6	
Oklahoma	5,914,009	12,501,945	-3,412,114	-13.4	94,283,407	66,980,300	25,343,107	36.7	46,890,554	11,698,289	32,382,265	206.3	
Texas	5,130,052	5,017,690	112,362	2.2	75,498,695	109,970,350	-34,471,655	-31.3	50,564,618	34,424,871	16,139,747	46.9	
<b>MOUNTAIN:</b>													
Montana	9,514	3,301	6,213	188.2	274,105	75,338	198,265	261.4	185,367	41,620	143,741	345.3	
Idaho	9,194	4,582	4,612	100.7	318,181	111,528	206,653	185.3	191,395	55,880	135,515	242.5	
Wyoming	9,268	1,976	7,292	369.0	176,354	38,000	138,354	364.1	101,465	19,568	81,896	414.1	
Colorado	326,559	85,256	241,303	283.0	4,903,304	1,275,680	3,627,624	284.4	2,673,584	509,489	2,165,096	425.8	
New Mexico	85,999	41,345	44,654	108.0	1,164,970	677,830	487,665	72.0	984,052	419,936	564,116	134.3	
Arizona	15,605	11,654	3,951	33.9	298,664	294,748	93,916	45.5	230,847	151,564	142,283	93.9	
Utah	7,267	11,517	-4,250	-36.9	169,688	250,029	-80,332	-32.1	134,996	121,872	12,924	10.3	
Nevada	885	589	5	0.9	20,779	14,614	6,165	42.2	23,600	11,845	11,755	99.2	
<b>PACIFIC:</b>													
Washington	26,033	10,483	15,550	148.3	569,025	218,706	344,319	157.4	404,367	104,203	300,104	287.8	
Oregon	17,280	16,992	288	1.7	451,757	359,623	92,234	25.7	310,430	155,693	154,737	99.4	
California	51,935	63,930	-1,995	-3.7	1,273,901	1,477,098	-203,197	-13.8	1,077,411	700,894	376,517	53.7	

1 Includes Indian Territory.

**Wheat.**—For the United States as a whole the area harvested in 1909 was 44,263,000 acres, as compared with 52,589,000 acres in 1899, a decrease of 15.8 per cent. On the other hand, the production in 1909 was 683,000,000 bushels, or 3.8 per cent greater than in 1899, when it was 659,000,000 bushels. The value of the crop of 1909 was \$658,000,000, an advance of \$288,000,000, or 77.8 per cent, over the value in 1899, \$370,000,000. Wheat in 1909 occupied 9.3 per cent of the total improved farm land, and its value represented 12 per cent of the total for all crops. Details in regard to the production of wheat in 1909 and 1899 are given in Table 25, while a summary of averages and percentages, derived mainly from this table, is given in Table 24.

Table 24

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHELS PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United- States total.	Per cent of im- proved land.	1909	1899	1909	1899	1909	1899
	United States.....	100.0	9.3	15.4	12.5	\$0.96	\$0.56	\$14.86
New England.....	(1)	0.1	24.5	18.0	1.07	0.89	25.04	15.98
East Atlantic.....	2.6	5.5	18.6	14.9	1.07	0.78	19.51	10.16
Middle Atlantic.....	15.9	7.9	17.2	12.9	1.01	0.63	17.32	8.17
West North Central.....	38.4	15.7	14.8	12.2	0.85	0.52	14.07	7.35
South Atlantic.....	8.1	4.6	11.9	9.5	1.08	0.72	12.82	6.80
East South Central.....	3.0	3.0	11.7	9.0	1.03	0.65	12.05	5.80
West South Central.....	3.5	2.7	11.0	11.9	1.01	0.53	11.10	6.32
Mountain.....	2.9	8.1	23.1	19.2	0.87	0.48	20.17	9.24
Pacific.....	7.6	15.2	17.7	15.6	0.88	0.49	15.56	7.66
North Dakota.....	18.5	40.0	14.3	13.5	0.93	0.53	13.33	7.13
Kansas.....	12.5	29.0	13.0	10.2	0.95	0.49	12.40	5.03
Minnesota.....	7.4	16.7	17.4	14.5	0.98	0.53	17.69	7.71
South Dakota.....	7.3	20.3	14.6	10.5	0.91	0.59	13.33	5.20

<sup>1</sup> Less than one-tenth of 1 per cent.

Considerably more than one-half of the acreage in wheat in 1909 was found in the West North Central division. The East North Central division, which reported the next largest acreage, contained 15.9 per cent of the total, and the Pacific, which is third in rank, 7.6 per cent. The map on page 384 shows the distribution of the wheat acreage among the states.

Wheat occupies in the United States as a whole nearly 10 per cent of the improved land in farms, but in the West North Central and Pacific divisions the proportion exceeds 15 per cent. The proportion is insignificant in the New England division and is smaller in the southern than in the other northern divisions.

The leading state in wheat production is North Dakota, with an acreage exceeding 8,000,000 and greater than that of any geographic division except the West North Central, in which the state is situated. Kansas, with nearly 6,000,000 acres of wheat, and Minnesota and South Dakota, with over 3,000,000, follow. The four states named have nearly 21,000,000 acres in wheat, or over two-fifths of the wheat acreage of the United States.

Between 1899 and 1909 there was a gain of 778,000 acres, or 3.1 per cent, in the West North Central division and a gain about half as large in the Mountain division. In all other divisions the acreage decreased, the greatest absolute loss being that of over 3,000,000 acres in the East North Central division. Of the 48 states reporting wheat, 37 show a loss in acreage.

Among the four leading states already mentioned, North Dakota and Kansas show conspicuous gains in acreage, but South Dakota and Minnesota show decreases, the acreage in the latter having fallen off one-half.

The average yield of wheat in 1909 was 15.4 bushels per acre. Of the divisions with a large acreage, the West North Central had a slightly lower and the East North Central and Pacific a slightly higher yield per acre than the average for the United States. The three southern divisions fell considerably below that average. As compared with the yield of 12.5 bushels per acre in 1899, that of 1909 was considerably larger. With the exception of the West South Central division, larger yields were reported in all the divisions in 1909 than in 1899, and the same was true of each of the four leading wheat states listed in the table.

In the country as a whole the increased yield per acre was sufficient to counterbalance the decrease in acreage. In the West North Central and Mountain divisions, which gained in acreage, there was a still greater gain in production. In the other divisions, except the West South Central, the loss in production was not so great as in acreage. In the states of North Dakota and Kansas, the percentage of increase in production was greater than that in acreage. In South Dakota the increased yield per acre caused an increase in production, although the acreage was smaller, and in Minnesota the loss in production was less pronounced than that in acreage.

The average value of wheat per bushel in 1909 was \$0.96, but three divisions only, the West North Central, Mountain, and Pacific, reported an average value of less than \$1. This represents an enormous increase over the value in 1899, when the average for the United States was \$0.56 per bushel. The average value of the wheat crop per acre more than doubled between 1899 and 1909. In each division, except the New England, East South Central, and West South Central divisions, the increase in average value per bushel more than offset the loss in production and the total crop had a greater aggregate value in 1909 than in 1899. It may, however, be noted that 20 states show a falling off in the value of the wheat crop, the most notable decreases being in California, Texas, and Iowa.

In 1899 the per capita production of wheat was 8.7 bushels and in 1909, 7.4 bushels. This falling off in production per capita was counterbalanced largely by a decrease in the amount exported. Wheat imports are insignificant and may be disregarded. In the year ending June 30, 1900, there was exported in the form of wheat and flour the equivalent of 186,097,000 bushels, or 28.3 per cent of the crop of 1899. Ten years later the exports were only 87,364,000 bushels, or 12.8 per cent of the crop of 1909. For home consumption there remained of the crop of 1899, 472,437,000 bushels, or 6.2 bushels per capita, as compared with 596,015,000 bushels, or 6.5 bushels per capita, retained of the crop of 1909.

FARM CROPS, BY STATES.

WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 25 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States.....</b>	<b>44,262,592</b>	<b>32,588,574</b>	<b>-8,325,982</b>	<b>-15.8</b>	<b>683,379,259</b>	<b>658,534,252</b>	<b>24,845,007</b>	<b>3.8</b>	<b>\$657,656,801</b>	<b>\$369,945,320</b>	<b>\$287,711,481</b>	<b>77.8</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	4,899	9,237	+4,344	+47.0	114,998	166,125	-51,127	-39.8	122,532	147,742	-25,210	-17.1
Middle Atlantic.....	1,598,325	2,204,350	+606,025	+27.5	29,717,833	32,947,945	-3,230,112	-9.8	31,665,641	22,303,223	9,271,818	41.4
East North Central.....	7,088,364	10,410,893	+3,372,529	+32.4	121,097,675	134,695,890	-13,601,215	-10.1	121,885,605	85,651,479	36,834,171	43.3
West North Central.....	25,863,500	25,085,308	-778,248	-3.1	384,092,121	306,602,628	77,489,493	25.3	385,923,162	159,281,250	204,641,912	128.5
South Atlantic.....	2,241,345	3,368,872	+1,127,527	+33.5	26,660,768	31,992,857	-5,232,089	-16.5	28,725,004	22,903,064	5,821,940	25.4
East South Central.....	1,315,243	2,087,483	+772,240	+56.0	15,374,422	26,854,542	-11,480,120	-42.7	15,851,025	17,339,440	-1,488,415	-8.6
West South Central.....	1,556,087	2,934,687	+1,378,600	+74.0	17,095,127	35,046,935	-17,950,808	-61.0	17,278,603	18,547,956	-1,269,353	-6.8
Mountain.....	1,285,369	942,853	-342,502	-36.3	29,654,968	18,054,369	11,570,598	64.2	25,930,395	8,715,513	17,214,877	197.5
Pacific.....	3,359,419	4,644,886	+1,285,467	+27.7	59,980,347	72,230,570	-12,600,223	-17.5	52,275,389	35,565,648	16,709,741	47.0
<b>NEW ENGLAND:</b>												
Maine.....	8,497	6,667	-1,830	-48.9	85,119	116,720	-31,601	-27.1	91,554	107,395	-15,841	-14.8
New Hampshire.....	70	271	+201	+74.2	1,311	4,035	-2,724	-70.7	1,496	3,428	-2,022	-59.0
Vermont.....	678	1,796	+1,118	+62.2	14,987	34,650	-20,663	-59.3	14,279	29,978	-14,799	-50.9
Massachusetts.....	109	95	-14	(1)	2,404	1,750	654	37.4	2,515	1,515	1,000	66.0
Rhode Island.....	13	15	+2	(1)	208	310	-102	-32.9	211	245	-34	-13.9
Connecticut.....	616	833	+217	+59.7	11,889	8,600	3,289	37.1	12,667	6,089	6,457	106.7
<b>MIDDLE ATLANTIC:</b>												
New York.....	259,130	557,736	+298,606	+48.2	6,694,121	10,412,675	-3,748,554	-38.0	7,175,523	7,382,597	-157,074	-2.1
New Jersey.....	83,637	132,571	+48,934	+36.9	1,489,263	1,992,590	-413,327	-21.7	1,565,850	1,347,650	221,200	16.4
Pennsylvania.....	1,225,558	1,514,043	+288,485	+19.1	21,594,479	20,632,680	961,799	4.5	22,901,638	13,712,976	9,078,662	67.1
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1,827,982	3,209,074	+1,381,142	+43.0	30,663,704	50,376,800	-19,713,096	-39.1	31,112,975	32,855,534	-1,742,559	-5.3
Indiana.....	2,682,835	2,893,203	+210,368	+28.0	33,935,972	34,985,280	-1,050,308	-3.0	33,593,141	22,228,916	11,364,225	51.1
Illinois.....	2,185,091	1,826,143	-358,948	-19.7	37,830,732	19,795,500	18,035,232	91.0	18,000,712	11,929,458	26,071,254	218.6
Michigan.....	892,137	1,925,769	+1,033,632	+58.3	16,025,791	20,535,149	-4,509,358	-22.0	16,588,868	12,921,925	3,666,943	28.4
Wisconsin.....	149,399	556,614	+416,245	+74.8	2,641,476	9,005,170	-6,363,694	-72.0	2,591,954	5,115,346	-2,523,392	-49.5
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	3,276,911	6,560,707	+3,283,796	+50.1	57,094,412	95,278,660	-38,184,248	-40.1	56,007,435	59,691,948	-3,684,513	-6.2
Iowa.....	526,777	1,686,705	+1,162,928	+68.8	8,655,944	22,709,440	-14,173,496	-54.6	7,703,205	11,457,808	-3,754,603	-32.8
Missouri.....	2,017,128	2,056,219	+39,091	+1.9	29,837,429	23,072,768	6,764,661	29.6	23,926,209	13,529,012	10,397,197	121.3
North Dakota.....	8,188,782	4,451,251	-3,737,531	-44.0	116,781,886	59,888,810	56,903,076	95.0	109,129,899	31,733,763	77,396,136	243.9
South Dakota.....	3,217,255	3,984,659	+767,404	+19.3	47,059,560	41,889,380	5,170,210	12.3	42,875,223	29,957,917	12,918,306	104.6
Nebraska.....	2,662,918	2,588,949	-73,969	-4.9	47,635,745	24,924,520	22,761,225	91.0	34,422,390	11,877,347	32,545,043	272.4
Kansas.....	5,973,785	3,803,818	-2,169,967	-37.0	77,977,115	38,709,459	38,798,605	100.0	74,052,291	19,122,455	54,919,836	287.0
<b>SOUTH ATLANTIC:</b>												
Delaware.....	111,215	105,480	-5,735	-6.3	1,643,572	1,870,570	-226,998	-12.1	1,697,539	1,247,055	450,484	36.1
Maryland.....	589,893	634,446	+44,553	+7.0	9,463,457	9,671,800	-208,343	-2.2	9,876,480	6,484,088	3,392,392	52.3
District of Columbia.....	17	17	0	0	410	410	0	0	349	349	0	0
Virginia.....	602,997	927,266	+324,269	+25.3	8,076,995	8,907,510	-830,521	-9.3	8,776,061	6,161,000	2,615,061	42.4
West Virginia.....	269,315	447,928	+178,613	+53.3	2,575,996	3,236,150	-1,750,154	-40.5	2,667,141	3,040,314	-373,173	-11.3
North Carolina.....	501,912	746,984	+245,072	+32.8	3,827,145	4,342,351	-515,206	-11.9	4,420,322	3,463,726	956,596	27.6
South Carolina.....	43,028	174,245	+131,217	+75.3	310,614	1,017,319	-706,705	-69.5	388,335	958,158	-572,323	-59.7
Georgia.....	93,065	319,161	+226,096	+70.8	752,833	1,765,947	-1,013,089	-57.4	871,494	1,547,773	-676,279	-43.7
Florida.....	10	85	+75	(1)	137	800	-663	-82.9	132	601	-469	-78.0
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	681,323	1,431,027	+749,704	+52.4	3,789,260	14,264,500	-5,525,240	-38.7	8,812,469	6,923,769	1,888,700	27.2
Tennessee.....	619,961	1,426,112	+806,251	+56.5	6,516,539	11,924,010	-5,407,471	-45.3	6,913,335	7,882,897	-969,562	-12.3
Alabama.....	13,665	123,897	+110,232	+89.0	113,953	628,775	-514,822	-81.9	120,873	502,240	-381,367	-75.5
Mississippi.....	394	6,447	+6,053	+93.9	4,670	37,257	-32,587	-87.5	4,348	30,743	-26,395	-85.9
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	60,426	379,453	+319,027	+84.1	526,414	2,449,970	-1,923,556	-78.5	532,712	1,383,916	-851,204	-61.5
Louisiana.....	65	214	+149	+69.6	488	2,345	-1,857	-79.2	508	1,888	-1,380	-73.1
Oklahoma.....	1,169,420	1,527,073	+357,653	+23.4	14,008,334	20,328,300	-6,319,966	-31.1	13,854,322	110,619,376	3,743,647	37.0
Texas.....	826,176	1,027,947	+201,771	+68.3	2,560,891	12,266,320	-9,705,429	-79.1	2,191,061	7,031,477	-4,840,416	-69.0
<b>MOUNTAIN:</b>												
Montana.....	258,377	92,182	-166,245	-180.4	6,251,945	1,899,683	4,352,262	229.1	5,529,389	1,077,210	4,252,179	394.7
Idaho.....	309,234	266,305	-43,929	-49.9	10,237,609	5,340,150	4,897,429	91.7	8,412,587	2,131,933	6,280,654	294.6
Wyoming.....	41,968	19,416	-22,552	-116.2	738,698	348,890	389,808	110.8	644,251	191,195	453,056	235.4
Colorado.....	33,729	294,949	+261,220	+15.5	7,224,057	6,887,776	1,636,287	23.9	6,465,920	2,899,370	3,566,550	130.1
New Mexico.....	30,349	37,907	+7,558	+14.7	499,799	5,383,303	-1,103,504	-20.7	558,739	2,800,816	-2,242,077	-40.2
Arizona.....	26,038	24,377	-1,661	-17.8	362,873	440,252	-77,377	-17.6	410,214	276,639	133,575	48.3
Utah.....	178,423	189,235	+10,812	+5.7	3,943,919	3,413,470	530,449	15.5	3,765,017	1,675,064	2,089,953	139.0
Nevada.....	14,280	18,537	+4,257	+23.1	396,075	460,812	-64,737	-12.1	396,285	263,471	132,814	50.4
<b>PACIFIC:</b>												
Washington.....	2,118,051	1,088,102	-1,029,949	-94.7	49,590,399	21,687,527	19,782,863	93.1	35,102,370	9,628,299	26,074,161	288.8
Oregon.....	763,187	873,379	+110,192	+12.6	12,456,711	14,508,636	-2,051,925	-14.1	10,849,090	6,398,395	4,490,691	70.6
California.....	478,217	2,663,405	+2,105,188	+82.2	6,203,208	36,534,407	-30,331,201	-83.0	6,323,983	20,179,444	-13,855,661	-68.7

<sup>1</sup> Per cent not calculated where base is less than 100.

<sup>2</sup> Includes Indian Territory.

**Oats.**—The acreage of oats harvested in the United States increased from 29,540,000 in 1899 to 35,159,000 in 1909, or 19 per cent, while the production increased 6.8 per cent, from 943,000,000 bushels in 1899 to 1,007,000,000 bushels in 1909. The value of the crop, however, which was \$217,000,000 in 1899, was \$415,000,000 in 1909, or 91 per cent greater. The acreage of oats in 1909 was 7.3 per cent of the total improved farm acreage, and their value 7.6 per cent of the total for all crops. Detailed figures concerning the production of oats in 1909 and 1899 are given in Table 27, and a summary of the averages and percentages for the geographic divisions and leading states, derived mainly from this table, is presented in Table 26. The map on page 385 shows how the acreage of oats is distributed among the states.

Table 26

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHELS PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of total.	Per cent of United im-States proved land.	1909	1899	1909	1899	1909	1899
<b>United States</b> .....	<b>100.0</b>	<b>7.3</b>	<b>28.6</b>	<b>31.9</b>	<b>\$0.41</b>	<b>\$0.23</b>	<b>\$11.79</b>	<b>\$7.35</b>
New England.....	0.6	3.1	32.9	35.9	0.55	0.35	18.04	12.72
Middle Atlantic.....	7.2	8.6	25.5	30.9	0.51	0.31	13.15	9.59
East North Central.....	31.9	12.6	33.3	37.4	0.40	0.22	13.27	8.12
West North Central.....	44.7	9.6	31.5	32.6	0.38	0.21	10.36	6.69
South Atlantic.....	3.9	2.8	15.5	11.7	0.63	0.39	9.78	4.63
East South Central.....	2.5	2.0	13.4	11.1	0.56	0.35	7.51	3.88
West South Central.....	3.6	2.2	21.4	25.8	0.47	0.23	10.60	5.83
Mountain.....	3.3	7.3	34.9	30.4	0.48	0.38	16.90	11.41
Pacific.....	2.3	3.6	35.3	31.4	0.48	0.33	16.91	10.23
Iowa.....	13.2	15.8	27.5	35.9	0.39	0.20	10.54	7.08
Illinois.....	11.9	14.9	36.0	39.5	0.40	0.21	14.29	8.69
Minnesota.....	8.5	16.2	31.5	33.6	0.36	0.21	11.43	7.19
Nebraska.....	6.7	9.7	22.0	30.1	0.36	0.20	8.22	5.89
Wisconsin.....	6.2	18.2	33.0	35.5	0.40	0.21	13.24	7.56
North Dakota.....	6.1	10.5	30.7	28.3	0.37	0.26	11.23	7.50

Of the total acreage of oats, 44.7 per cent was reported from the West North Central division and 31.9 per cent from the East North Central. In the latter, oats occupy about one-eighth, in the former somewhat less than one-tenth, of the improved land in farms. They are also a crop of some importance in the Middle Atlantic division, in which they occupy about one-twelfth of the improved land in farms.

The leading state in the acreage of oats in 1909 was Iowa, with 4,655,000 acres, closely followed by Illinois, with 4,176,000. Minnesota, Nebraska, Wisconsin, and North Dakota, ranking in the order named, also had each more than 2,000,000 acres in oats. These six leading states had together over 18,000,000 acres of oats in 1909, or more than one-half of the acreage for the whole country.

Comparing 1909 with 1899, the Middle Atlantic and West South Central divisions show an aggregate loss of 257,000 acres, but an aggregate gain of 5,876,000 acres was reported for the remaining divisions, or a net gain of 5,620,000, or 19 per cent, for the whole country. The greatest absolute gain—over 3,600,000 acres—was in the West North Central division, but larger relative increases occurred in the Mountain and Pacific divisions. Among the states, North Dakota shows an increase of over 1,300,000 acres. A gain of

more than 500,000 acres each is also reported for South Dakota, Minnesota, Ohio, and Indiana. Of the six states named above as leading in the acreage of oats, three—Iowa, Illinois, and Wisconsin—show decreases for the decade, while increases took place in the remainder.

The average yield in 1909 of 28.6 bushels per acre for the country as a whole was exceeded in the East North Central division, but was not attained by the West North Central division, nor by the Middle Atlantic division. Of the divisions where the acreage of oats is less important, the New England, Mountain, and Pacific divisions exceeded this average, while the remainder fell below it. For the United States as a whole the average yield per acre in 1909 was somewhat below that of 1899. This was true also of the three divisions with the largest acreage and of the New England and West South Central divisions, but in the other divisions the average yield in 1909 was greater than in 1899.

There was in the United States as a whole a somewhat larger crop of oats in 1909 than in 1899. Two divisions which lost in acreage had also a smaller production, while two others showed a diminished production in combination with an increase in acreage. Among the remaining divisions, the rate of increase in production was considerably less than that in acreage in the West North Central division, which produced over two-fifths of the entire crop, but in the divisions with a smaller production the crop increased more rapidly than the acreage. Among the several states, the largest gain in the production of oats was in North Dakota, where the crop of 1909 was nearly three times as great as that of 1899. A considerable gain was also made in Minnesota, but in the other states which have been noted as leading in acreage there was a diminished production, especially in Iowa, the first on the list as measured by acreage.

The average value per bushel of the oat crop was \$0.41 in 1909, as compared with \$0.23 in 1899, an advance of 78.3 per cent. As is frequently the case, the average values are somewhat higher in the divisions with relatively small production than in those with large production. All divisions, however, show a marked advance for 1909 as compared with 1899. By reason of the smaller yield per acre the value of the crop per acre did not increase in the same proportion as the average value per bushel. As a result of the increased acreage in the country as a whole, however, there was an increase in the aggregate value of the crop, amounting to 91 per cent. This increase is shared by all divisions, though, as already noted, some show a decrease in acreage and some a decrease in production. The effect of the change in value is particularly noticeable in the case of the state of Iowa, which leads in the acreage of oats. In the 10 years the acreage in that state remained practically stationary, the production fell off nearly one-fourth, but the value of the crop increased nearly one-half.

# FARM CROPS, BY STATES.

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OATS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 27 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States</b> .....	35,150,441	29,539,098	5,619,743	19.0	1,007,142,980	843,389,375	63,753,005	6.8	\$414,687,422	\$217,095,584	\$197,592,838	91.0
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	223,221	212,737	10,484	5.0	7,350,601	7,643,175	-292,574	-3.8	4,027,338	2,705,249	1,322,089	48.9
Middle Atlantic.....	2,518,886	2,579,559	-60,673	-2.4	64,344,715	79,630,320	-15,285,605	-19.2	33,111,736	24,515,326	8,596,410	35.1
East North Central.....	11,225,445	10,087,121	1,138,324	11.3	373,803,573	377,300,555	-3,496,982	-0.9	149,094,329	81,881,022	67,213,307	82.0
West North Central.....	15,719,495	12,169,758	3,600,737	29.7	432,660,477	386,978,611	45,681,866	11.8	162,647,073	79,970,336	82,676,737	103.4
South Atlantic.....	1,368,832	1,268,061	100,771	7.9	21,206,000	14,874,888	6,331,112	42.6	13,388,578	5,869,687	7,518,891	128.1
East South Central.....	870,762	855,842	14,920	1.7	11,646,687	9,489,025	2,166,662	22.9	6,535,286	3,317,185	3,218,101	97.0
West South Central.....	1,276,534	1,472,449	-195,915	-13.3	27,273,695	37,927,478	-10,653,783	-28.1	12,764,241	8,590,119	4,174,122	48.5
Mountain.....	1,164,294	412,190	752,014	182.4	40,664,255	12,519,653	28,084,602	224.3	19,673,773	4,704,706	14,969,067	318.2
Pacific.....	801,062	541,981	259,081	47.8	28,252,977	17,034,670	11,218,307	65.9	13,545,068	5,544,894	8,000,174	144.3
<b>NEW ENGLAND:</b>												
Maine.....	120,991	106,661	12,330	11.3	4,232,309	3,799,435	432,874	11.4	2,293,947	1,374,573	919,374	66.9
New Hampshire.....	10,860	12,589	-1,729	-13.7	386,419	497,110	-110,691	-22.3	216,938	184,025	32,913	17.9
Vermont.....	71,510	73,372	-1,862	-2.5	2,141,357	2,742,146	-600,783	-21.9	1,109,223	941,711	227,512	24.2
Massachusetts.....	7,927	6,702	1,225	18.3	268,500	240,990	27,510	11.4	157,381	84,850	72,531	85.5
Rhode Island.....	1,726	1,530	196	12.8	48,212	47,120	1,092	2.3	28,661	16,631	12,030	72.3
Connecticut.....	10,207	9,883	324	3.3	273,804	316,380	-42,576	-13.5	101,188	103,409	57,729	55.8
<b>MIDDLE ATLANTIC:</b>												
New York.....	1,302,598	1,329,753	-27,245	-2.0	34,795,277	40,785,900	-5,990,623	-14.7	17,977,155	12,929,092	5,048,063	39.0
New Jersey.....	72,130	75,959	-3,829	-5.0	1,376,752	1,601,610	-224,858	-14.0	712,609	492,341	220,268	44.7
Pennsylvania.....	1,144,248	1,173,847	-29,599	-2.5	28,172,686	37,242,810	-9,070,124	-24.4	14,421,922	11,903,893	3,328,079	30.0
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1,787,496	1,115,149	672,347	60.3	57,591,046	42,050,910	15,540,136	37.0	23,212,332	10,236,251	12,976,101	128.8
Indiana.....	1,067,818	1,017,385	60,433	6.3	50,507,913	34,565,070	16,042,843	46.4	18,928,705	7,458,682	11,470,020	153.8
Illinois.....	4,476,850	4,570,034	-93,549	-8.6	150,386,074	180,305,630	-29,919,556	-16.6	59,093,819	36,990,019	22,803,800	61.4
Michigan.....	1,429,676	1,019,438	409,638	40.2	43,869,032	36,338,145	7,531,357	20.7	17,806,195	9,204,385	9,241,810	99.8
Wisconsin.....	2,164,570	2,385,116	-220,545	-8.5	71,349,038	84,040,800	-12,691,762	-15.1	28,663,257	17,931,685	10,731,572	59.8
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	2,977,258	2,201,325	775,933	35.2	93,897,717	74,054,150	19,843,567	26.8	34,023,389	15,829,804	18,193,585	114.9
Iowa.....	4,635,154	4,695,391	-60,237	-0.9	128,198,055	168,364,170	-40,166,115	-23.9	49,046,888	33,254,987	15,791,901	47.5
Missouri.....	1,073,325	916,178	157,147	17.2	24,828,501	20,545,530	4,282,971	20.8	10,833,994	4,669,185	6,164,809	116.6
North Dakota.....	2,147,032	780,517	1,366,515	171.1	65,886,702	22,125,331	43,761,371	197.8	24,114,345	5,852,615	18,261,730	312.0
South Dakota.....	1,558,643	691,167	867,476	125.5	43,565,676	19,412,490	24,153,186	124.4	16,044,785	4,114,456	11,930,329	290.0
Nebraska.....	2,365,774	1,924,827	440,947	22.9	53,300,185	58,907,140	-4,646,955	-8.0	19,443,570	11,333,343	8,110,217	71.6
Kansas.....	933,309	900,353	32,956	3.7	22,923,641	24,469,980	-1,546,339	-6.3	9,720,106	4,915,896	4,804,210	97.7
<b>SOUTH ATLANTIC:</b>												
Delaware.....	4,226	5,247	-1,021	-19.5	96,239	111,960	-33,721	-25.6	51,022	43,327	7,685	17.7
Maryland.....	49,210	44,625	4,585	10.3	1,160,663	1,109,560	51,103	4.6	584,395	340,475	243,920	71.6
District of Columbia.....	13	42	-29	( <sup>1</sup> )	375	629	-254	-39.5	165	206	-41	-19.9
Virginia.....	204,455	275,394	-70,939	-25.8	2,884,405	3,269,430	-384,935	-11.8	1,609,973	1,103,616	506,357	45.9
West Virginia.....	103,758	99,433	4,325	4.3	1,728,806	1,833,840	-105,034	-5.7	912,388	637,176	275,212	43.2
North Carolina.....	228,120	270,876	-42,756	-15.8	2,782,508	2,454,768	327,740	13.4	1,741,361	991,516	750,845	75.6
South Carolina.....	824,150	222,544	601,606	275.0	5,745,291	2,661,670	3,083,621	113.9	3,809,345	1,226,575	2,582,770	210.6
Georgia.....	411,664	318,433	93,231	29.3	6,199,243	3,115,010	3,083,633	99.9	4,236,625	1,383,758	2,852,867	206.2
Florida.....	43,206	31,467	11,739	37.3	606,380	297,430	308,950	103.9	443,104	143,028	300,076	208.8
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	174,315	316,590	-142,275	-44.9	2,406,064	4,009,830	-1,603,766	-40.0	1,216,187	1,247,928	-31,741	-2.5
Tennessee.....	342,866	235,313	106,773	45.4	4,720,692	2,725,330	1,995,362	73.2	2,378,464	887,940	1,490,524	167.9
Alabama.....	297,276	216,873	80,403	18.6	3,251,146	1,882,069	1,369,076	72.7	2,117,703	797,684	1,320,019	165.5
Mississippi.....	97,085	87,066	10,019	11.5	1,268,785	862,806	405,980	47.1	822,932	383,633	439,299	114.0
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	197,440	286,115	-82,666	-29.5	3,212,891	3,909,600	-696,109	-17.8	1,641,752	1,265,101	376,651	30.5
Louisiana.....	29,711	28,033	1,678	6.0	420,633	316,070	104,563	32.9	250,588	117,312	133,276	113.6
Oklahoma.....	609,373	317,076	292,297	92.2	16,606,154	19,511,749	-7,094,414	-36.4	7,127,267	1,998,915	5,203,352	264.3
Texas.....	440,001	847,225	-407,224	-48.1	7,034,617	24,190,688	-17,156,071	-70.9	3,660,634	5,249,791	-1,541,157	-29.4
<b>MOUNTAIN:</b>												
Montana.....	335,185	133,338	199,257	148.8	13,805,735	7,746,231	9,029,504	100.9	6,148,021	1,790,398	4,357,623	243.3
Idaho.....	302,783	64,739	238,044	367.7	11,328,106	1,956,498	9,371,608	479.0	5,667,051	702,955	4,964,096	620.8
Wyoming.....	124,035	26,892	97,143	361.2	3,361,425	763,270	2,598,055	340.4	1,828,711	292,630	1,536,081	524.9
Colorado.....	275,948	130,932	144,996	112.1	7,042,855	3,680,130	3,362,725	164.1	4,177,267	1,121,745	3,055,522	272.4
New Mexico.....	33,707	15,848	17,859	112.7	729,560	342,777	377,783	110.2	469,306	154,347	304,959	197.6
Arizona.....	5,867	1,641	4,226	257.5	159,312	43,246	146,066	337.7	120,384	21,144	109,240	516.6
Utah.....	80,816	43,394	37,422	86.2	3,221,289	1,436,229	1,785,064	124.3	1,671,065	553,847	1,117,218	201.7
Nevada.....	7,853	4,786	3,067	64.1	334,973	151,176	183,797	121.6	91,968	67,160	24,808	35.8
<b>PACIFIC:</b>												
Washington.....	269,742	126,841	142,901	112.7	13,228,003	5,336,488	7,891,517	147.9	5,870,857	1,765,547	4,105,310	232.5
Oregon.....	339,162	261,406	77,756	29.7	10,884,286	6,725,838	4,158,448	61.8	6,037,164	2,078,950	2,958,214	142.3
California.....	192,158	153,734	38,424	25.0	4,143,688	4,972,356	-828,668	-16.7	2,637,047	1,700,397	936,650	54.5

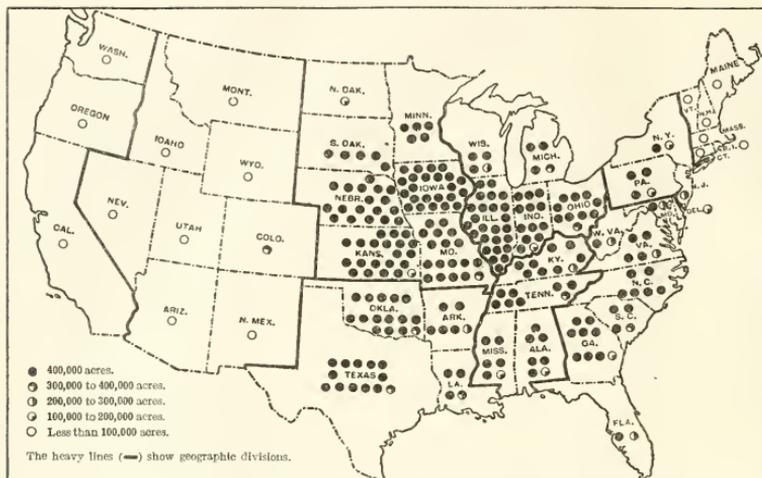
<sup>1</sup> Per cent not calculated where base is less than 100.

<sup>2</sup> Includes Indian Territory.

## ABSTRACT OF THE CENSUS—AGRICULTURE.

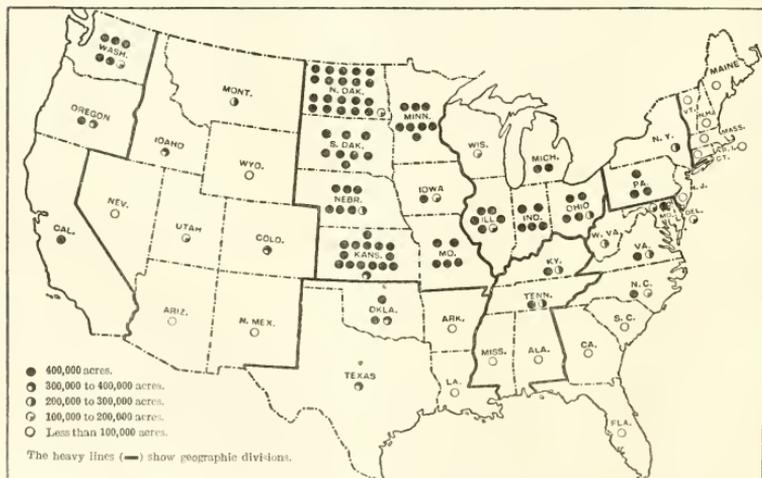
## CORN.

ACREAGE, BY STATES: 1909.



## WHEAT.

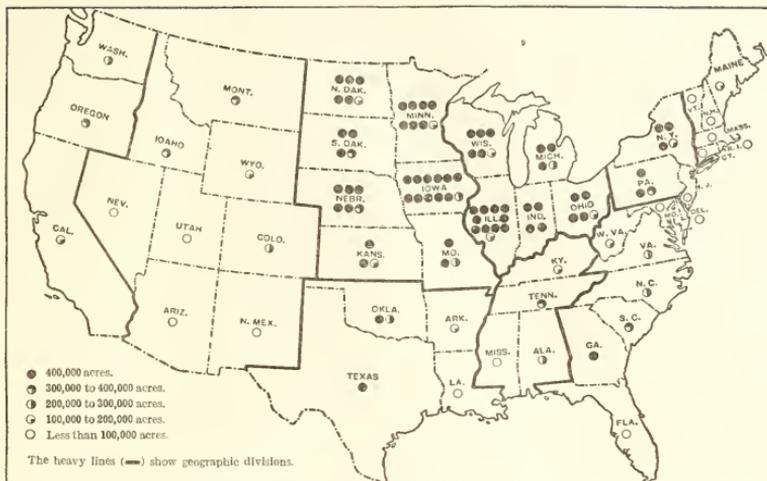
ACREAGE, BY STATES: 1909.



# FARM CROPS, BY STATES.

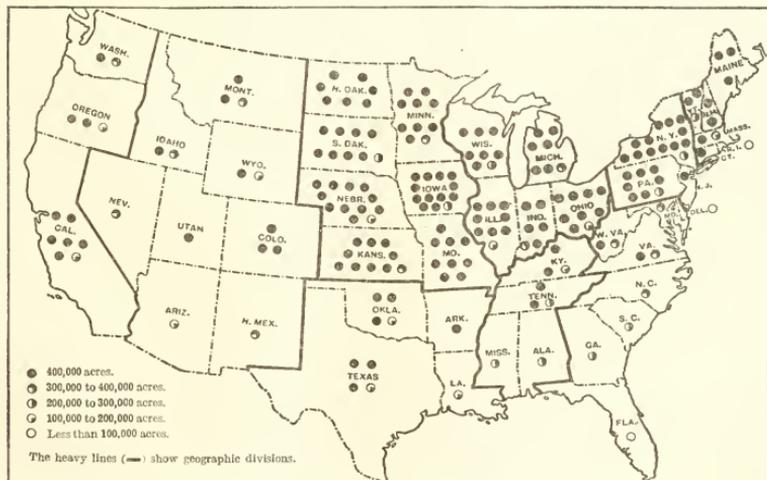
## OATS.

ACREAGE, BY STATES: 1909.



## HAY AND FORAGE.

ACREAGE, BY STATES: 1909.



**Minor cereals.**—The minor cereals occupy only 7.1 per cent of the entire acreage devoted to cereals in the United States. Statistics are given for each in Tables 28 to 33.

**Barley.**—Of the minor cereals, barley (Table 28), which occupies 4 per cent of the entire cereal acreage of the United States, is by far the most important. Of the aggregate barley acreage of 7,698,706, considerably more than one-half was found in the West North Central division. Other divisions where this is an important crop are the Pacific and the East North Central, the three divisions named containing together 94.1 per cent of the total acreage in 1909. Four states, Minnesota, North Dakota, California, and South Dakota, ranking in the order named, have an acreage in excess of 1,000,000 each, and together contain more than two-thirds of the total for the whole country. Large acreages are also reported for Wisconsin and Iowa.

The acreage in barley was larger in 1909 than in 1899 by 3,228,510 acres, or 72.2 per cent. Almost three-fourths of this increase was reported from the West North Central division, where the acreage more than doubled during the period. The percentage of increase in the Mountain division was greater than in any other. Only in divisions of small acreage was there a decrease. In the three divisions which led in acreage there was an increase in the acreage of every state except Ohio and Iowa.

The crop of 1909, 173,000,000 bushels, exceeded that of 1899, 120,000,000 bushels, by 44.9 per cent, the average yield per acre being 22.5 bushels in 1909 and 26.8 bushels in 1899. The increase in production in 1909 over 1899 for the country as a whole was therefore somewhat less relatively than the increase in acreage. The same statement is true for each of the divisions which are prominent in the production of barley, but in some of the less important divisions the increase in production was greater than that in acreage. Divisions with a decreased acreage had also a decreased production. In the three divisions which led in production all the states, with the exception of Ohio, Iowa, Indiana, and Nebraska, show increases in production.

The value of the crop in 1909, \$92,459,000 (equal to 1.7 per cent of the total value of crops) was more than twice as great as in 1899, the average value per bushel increasing from 35 to 53 cents, or 51.4 per cent, and the average value per acre from \$9.31 to \$12.01, or 29 per cent. In the New England, Middle Atlantic, and West South Central divisions there was a decrease in total value, but it was considerably less relatively than that in either acreage or production.

**Rye.**—Judged by acreage, rye (Table 29) is somewhat less than one-third as important as barley. Of the 2,195,561 acres in rye in the United States in 1909

about three-fourths were located east of the Mississippi River. The leading division in acreage is the East North Central, the Middle Atlantic ranking next. There is, however, almost no difference in the acreage of the West North Central and the Middle Atlantic divisions. The leading states in the acreage of rye are Michigan, Wisconsin, Pennsylvania, and Minnesota, in the order named. Together these four states reported in 1909 nearly 1,300,000 acres, or more than one-half of the area devoted to rye in the United States.

The increase in the acreage of rye in 1909 as compared with 1899 amounted to 6.9 per cent. Five divisions, including two with a considerable acreage of this crop—the Middle Atlantic and the West North Central—show decreases, while increases occurred in four divisions. The gain was conspicuous in the principal rye producing section, the East North Central, where it amounted to 43.2 per cent. A much larger percentage of increase is shown for the Mountain division, but the absolute gain in acreage was less than one-tenth as large. Of the four leading states, Michigan and Minnesota more than doubled their rye acreage, but Wisconsin and Pennsylvania both show a decrease.

The production in 1909, 29,520,000 bushels, was 15.5 per cent greater than in 1899, indicating, in connection with the increase of only 6.9 per cent in acreage, a greater yield per acre for the crop as a whole (13.4 bushels in 1909 and 12.4 in 1899). The divisions which lost in acreage had also, with the exception of the West North Central division, a smaller production.

The value of the rye crop in 1909, \$20,422,000, represented 0.4 per cent of the total value of crops. It was nearly two-thirds greater than in 1899. While five divisions had a diminished acreage and four a decreased production, there were only two in which the value of the crop was smaller in 1909 than in 1899. The average value per bushel increased from 48 to 69 cents, and the average value per acre from \$5.98 to \$9.30.

**Buckwheat.**—Buckwheat (Table 30) has a much smaller area of cultivation than the cereals thus far considered. There were 878,000 acres harvested in the United States in 1909, of which the region east of the Mississippi contained 96.9 per cent. The Middle Atlantic states had about two-thirds of the total acreage reported for buckwheat, this being almost equally divided between New York and Pennsylvania. The increase in the area harvested in 1909 as compared with 1899 was over 70,000 acres, more than one-half of which was in the Middle Atlantic division. The New England and West North Central divisions lost in acreage but all others gained, the most significant increase being that in the South Atlantic division, amounting to 29,322 acres, or 52.8 per cent. Pennsylvania shows an increase of 17.2 per cent in the acreage of buckwheat and New York a decrease of 1.2 per cent.

The production of 1909 amounted to 14,849,000 bushels, which was 32.2 per cent more than that of 1899. The increase in production was relatively greater than that in acreage, and New England was the only division reporting a smaller production in 1909 than in 1899. Measured by production, New York appears as the leading state, showing a gain of 49.2 per cent in this respect, despite a slight loss in acreage.

The crop of 1909, valued at \$9,331,000, was nearly two-thirds greater in value than that of 1899. In 1909 the average yield per acre was 16.9 bushels; the average value per bushel, 63 cents; and the average value per acre, \$10.63.

*Emmer and spelt.*—Emmer and spelt (Table 31) are old grains known to the ancient world and still in use as a food crop in parts of Europe and Asia. Nearly all the "emmer and spelt" reported is emmer, spelt being cultivated in only a few scattered localities. These grains are, botanically, species of wheat, but commercially they are more closely related to the other cereals, since they are used as food for stock. Moreover, the price per bushel of emmer and spelt corresponds much more nearly to that of corn or oats than to that of wheat. No regular statistics of these crops were gathered in 1900.

Emmer and spelt are considered good crops for dry farming, and like kafir corn have been introduced principally in the districts of comparatively light rainfall, though on account of the heavy yield and the value of the grains as feed for stock, they are sown in parts of the grain region in which corn is not an established crop.

The area of emmer and spelt harvested in 1909 was 573,622 acres, the production 12,703,000 bushels, and the value \$5,584,000. The average production per acre was thus 22.1 bushels; the average value per bushel, 44 cents; and the average value per acre, \$9.73.

Of the total acreage, the West North Central division reported 522,487 acres, or 91.1 per cent; the Mountain, 18,644; the East North Central, 14,941; and the West South Central, 13,295. Of the total production in 1909, 11,673,000 bushels, or 91.9 per cent, were reported from the West North Central division; 407,000 bushels from the Mountain division; and 372,000 bushels from the East North Central division.

The state having the largest acreage in 1909 was South Dakota, with 259,611 acres, or 45.3 per cent of the total area harvested, while North Dakota came next with 101,144 acres, or 17.6 per cent of the total—the combined acreage for the two Dakotas representing over three-fifths of the total area in this crop. The states ranking next in acreage were Nebraska, Kansas, Minnesota, and Colorado.

*Kafir corn and milo maize.*—Statistics for kafir corn and milo maize (Table 32) were first obtained by the

Census Bureau in 1900. The acreage in 1899 was about one-third as great as that of buckwheat, but in 1909 it was almost twice as large. Kafir corn and milo maize are cereals belonging to the millet family. They are grown extensively in Africa and somewhat in Asia, the grain being used for food. In this country they have made great headway as dry-farming crops and are being introduced more generally in sections of light rainfall. The grains are here used primarily for feeding live stock, although to a limited extent they are ground for flour. Aside from the use made of the grain, the stalks, if cut before they are entirely ripe, make a valuable fodder.

Of the 1,635,153 acres in kafir corn and milo maize in 1909, over 1,000,000 acres were in the two states of Texas and Oklahoma and nearly 400,000 acres in Kansas. The only other considerable acreages were in New Mexico and California.

The acreage harvested was more than six times as great in 1909 as in 1899. In 1899 over one-half the crop was harvested in the state of Kansas, but the recent extension of the cultivation of these cereals in Texas and Oklahoma has placed those states at the head of the list.

The production increased from 5,169,000 bushels in 1899 to 17,597,000 bushels in 1909. The rate of increase was only half as rapid as that in acreage, the yield per acre, which was 19.4 bushels in 1899, being only 10.8 bushels in 1909. The decrease in yield per acre is due mainly to the fact that the crops are becoming popular in regions of comparatively light rainfall where the yield is normally small. In 1909 the average value per bushel was 61 cents and the average value per acre \$6.62.

*Rice.*—The area devoted to the cultivation of rice (Table 33) in 1909 was 610,175 acres, located almost exclusively in the West South Central division. Louisiana, with 317,518 acres, and Texas, with 237,586 acres, far exceed any other state or any other division in acreage. A small acreage only is reported for the East South Central division, and 27,080 acres for the South Atlantic division.

During the decade the area devoted to rice cultivation increased 267,961 acres, or 78.3 per cent. There was a great loss in acreage in the South Atlantic division, but this was much more than counterbalanced by the great gain in the West South Central division, the principal rice producing area.

The production of rough rice in 1909 was 21,839,000 bushels, and the value \$16,020,000. The increase in both production and value between 1899 and 1909 was more rapid than that in acreage, and shows about the same distribution as respects the two producing areas, the South Atlantic and the West South Central divisions.

## BARLEY—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 28 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	7,498,706	4,470,196	3,228,510	72.2	173,344,212	119,634,877	53,709,335	44.9	\$22,458,571	\$41,631,782	\$50,826,809	122.1
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	16,242	23,454	-7,312	-31.0	426,617	704,987	-276,340	-39.2	942,669	364,226	-21,567	-5.9
Middle Atlantic.....	87,733	121,577	-33,844	-27.8	2,062,180	8,145,218	-1,083,029	-34.4	1,444,366	1,485,648	-79,282	-5.3
East North Central.....	1,007,102	665,678	341,424	51.3	26,705,278	21,865,348	4,839,600	22.1	15,249,518	5,158,220	7,082,298	56.8
West North Central.....	4,762,928	2,306,281	2,457,647	106.6	69,997,430	59,695,149	39,302,281	65.8	47,409,982	17,503,097	29,897,885	170.8
South Atlantic.....	15,561	6,717	9,844	172.2	409,615	109,559	300,056	273.9	276,981	53,245	223,736	420.2
East South Central.....	5,388	2,848	2,540	89.2	119,922	42,138	77,784	184.6	79,171	21,215	57,956	273.2
West South Central.....	14,253	21,874	-7,601	-33.2	181,346	433,625	-252,279	-58.2	107,835	115,856	-8,021	-6.9
Mountain.....	313,606	111,887	201,719	180.3	9,785,511	3,333,342	6,452,169	196.6	5,566,331	1,401,107	4,165,224	297.3
Pacific.....	1,475,893	1,212,320	263,573	21.7	34,654,204	30,305,541	4,348,763	14.3	22,029,748	12,321,148	9,708,600	78.9
<b>NEW ENGLAND:</b>												
Maine.....	4,136	8,809	-4,673	-53.0	106,674	232,850	-146,176	-57.8	86,230	137,448	-51,218	-37.3
New Hampshire.....	848	1,396	-748	-46.9	20,764	46,680	-25,916	-55.5	17,292	25,189	-7,897	-31.4
Vermont.....	9,586	12,152	-1,566	-12.9	285,068	880,940	-595,872	-25.2	229,803	187,004	38,799	20.7
Massachusetts.....	249	638	-389	-45.3	9,021	14,987	-5,966	-39.8	7,177	9,264	-2,087	-22.5
Rhode Island.....	182	222	-40	-18.0	4,676	6,100	-1,424	-23.3	4,126	3,465	661	19.1
Connecticut.....	141	137	4	2.9	2,474	3,400	-926	-27.2	2,031	1,836	194	9.4
<b>MIDDLE ATLANTIC:</b>												
New York.....	79,956	111,668	-31,702	-28.4	1,922,868	2,943,250	-1,020,382	-34.7	1,316,117	1,402,184	-86,067	-6.1
New Jersey.....	152	326	-184	-54.8	3,082	4,790	-1,708	-35.7	1,967	2,301	-334	-14.5
Pennsylvania.....	7,025	9,583	-1,938	-20.4	136,239	197,178	-60,939	-30.9	96,282	89,163	7,119	8.0
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	24,075	34,053	-9,983	-29.3	569,279	1,053,240	-483,961	-46.0	211,741	402,977	-91,236	-22.6
Indiana.....	10,188	9,693	663	6.9	234,298	260,550	-26,252	-10.1	133,591	100,480	33,111	33.0
Illinois.....	63,325	21,375	41,950	196.3	1,613,559	686,550	926,979	135.0	880,796	242,834	637,972	262.7
Michigan.....	93,065	44,965	48,100	107.0	2,132,101	1,165,288	966,813	829.7	1,232,344	494,994	737,350	149.0
Wisconsin.....	816,449	555,747	260,702	46.9	22,156,041	18,669,690	3,486,351	18.5	12,682,136	6,916,935	5,765,201	83.3
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	1,573,761	877,845	695,916	79.3	34,827,773	24,214,240	10,613,533	43.6	17,213,817	7,220,739	9,993,078	138.4
Iowa.....	571,224	627,851	-56,627	-9.0	10,994,184	18,069,000	-7,074,816	-39.3	5,320,708	5,342,363	-21,655	-0.4
Missouri.....	7,915	1,727	6,188	358.3	134,255	28,900	105,284	363.1	89,245	11,232	69,013	614.4
North Dakota.....	1,215,811	287,092	928,719	323.5	26,365,758	6,752,000	19,613,698	290.5	10,867,006	1,996,082	9,965,954	499.3
South Dakota.....	1,114,531	299,510	815,021	272.1	22,296,130	7,031,760	15,364,370	218.5	10,873,522	2,003,540	8,869,982	442.7
Nebraska.....	113,571	92,098	21,473	23.3	1,987,516	2,034,910	-47,394	-2.3	870,816	545,432	325,384	59.7
Kansas.....	166,115	119,158	46,957	39.4	2,221,816	1,474,150	747,666	50.7	1,079,788	383,709	696,079	181.4
<b>SOUTH ATLANTIC:</b>												
Delaware.....	31	3	28	( <sup>1</sup> )	422	40	382	( <sup>1</sup> )	288	30	258	( <sup>1</sup> )
Maryland.....	4,494	1,515	2,979	196.6	135,454	42,560	92,894	218.3	79,231	18,776	60,455	322.0
District of Columbia.....												
Virginia.....	9,890	2,768	7,122	257.3	253,649	53,346	200,303	343.3	179,712	25,007	154,705	618.6
West Virginia.....	408	253	155	61.3	8,407	3,660	4,747	129.7	5,640	1,532	3,808	207.9
North Carolina.....	504	475	29	6.1	7,535	4,237	3,298	77.8	6,863	2,335	4,528	193.9
South Carolina.....	189	381	-92	-32.7	3,483	3,106	377	12.1	4,297	2,899	1,398	48.2
Georgia.....	44	305	-351	-88.9	653	2,290	-1,635	-71.4	942	2,048	-1,106	-54.0
Florida.....	1	27	-26	( <sup>1</sup> )	10	320	-310	-90.9	8	318	-310	-97.5
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	2,738	933	1,785	187.3	65,590	17,772	47,824	269.1	42,929	8,157	34,772	426.3
Tennessee.....	2,567	1,900	977	61.4	53,201	21,636	31,565	145.9	35,363	11,273	24,090	213.7
Alabama.....	41	273	-232	-85.0	372	2,400	-2,028	-84.5	336	1,582	-1,246	-78.8
Mississippi.....	42	32	10	( <sup>1</sup> )	753	330	423	128.2	543	203	340	167.5
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	82	304	-222	-73.0	1,267	2,809	-1,542	-54.9	1,136	1,278	-142	-11.1
Louisiana.....			16	-16		110	-110			61	-61	
Oklahoma.....	10,283	* 16,634	-6,351	-38.2	127,641	* 330,340	-222,699	-63.6	75,069	* 81,163	-6,094	-7.5
Texas.....	3,888	4,396	-492	-11.2	52,438	80,366	-27,928	-34.8	31,640	33,354	-1,714	-5.1
<b>MOUNTAIN:</b>												
Montana.....	27,242	22,848	4,394	19.2	733,268	844,140	-90,872	-10.8	478,811	341,308	137,503	40.3
Idaho.....	123,412	32,798	90,614	303.7	4,598,292	969,214	3,629,078	374.4	2,322,705	312,730	2,009,975	642.7
Wyoming.....	8,561	1,225	7,336	598.9	189,057	29,690	159,367	536.7	139,392	15,375	115,017	748.0
Colorado.....	71,414	21,949	49,465	225.3	1,989,342	531,240	1,358,102	255.6	1,109,753	246,510	854,243	346.5
New Mexico.....	2,131	1,140	1,021	92.0	45,490	24,407	19,083	80.4	35,625	12,475	23,151	185.6
Arizona.....	32,897	16,270	16,627	102.2	1,008,442	458,778	549,666	119.8	714,334	223,885	490,449	210.1
Utah.....	26,752	8,644	18,108	209.5	891,471	252,140	639,331	253.6	412,826	121,826	290,999	288.1
Nevada.....	12,200	7,643	4,557	73.2	412,149	224,035	188,114	84.0	310,394	126,898	183,496	144.6
<b>PACIFIC:</b>												
Washington.....	171,888	122,298	49,590	40.6	5,834,615	3,641,056	2,199,559	60.2	3,331,990	1,268,480	2,063,510	162.7
Oregon.....	108,847	60,735	48,112	80.3	2,377,735	1,515,150	862,585	56.9	1,513,310	606,945	906,365	149.3
California.....	1,195,158	1,029,647	165,511	16.1	26,441,954	25,149,335	1,292,619	5.1	17,184,508	10,645,723	6,538,785	61.4

\* Per cent not calculated where base is less than 100.

\* Includes Indian Territory.

# FARM CROPS, BY STATES.

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RYE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 29 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States.....</b>	<b>2,195,501</b>	<b>2,054,292</b>	<b>141,269</b>	<b>-9.9</b>	<b>29,520,457</b>	<b>25,585,625</b>	<b>3,931,832</b>	<b>15.5</b>	<b>\$20,421,812</b>	<b>\$12,290,540</b>	<b>\$8,131,272</b>	<b>66.2</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	13,221	18,655	-5,434	-29.1	230,458	317,961	-87,506	-27.5	206,852	178,971	27,881	15.6
Middle Atlantic.....	472,132	556,431	-84,299	-15.1	6,458,475	7,207,530	-749,555	-10.4	4,959,172	3,906,606	1,052,566	26.9
East North Central.....	968,558	676,303	292,255	43.2	13,443,196	9,199,566	4,243,630	46.1	9,011,568	4,381,609	4,629,959	106.7
West North Central.....	470,582	556,406	-85,824	-15.4	6,907,788	6,798,638	109,150	1.6	4,216,576	2,709,264	1,516,312	56.2
South Atlantic.....	157,546	114,319	43,227	37.8	1,322,474	862,549	459,925	53.3	1,106,617	493,519	613,098	124.2
East South Central.....	50,091	35,985	14,106	39.2	400,709	275,363	125,346	45.5	337,152	166,256	170,896	102.5
West South Central.....	5,926	10,582	-4,656	-44.0	49,137	104,627	-55,490	-53.0	41,165	56,281	-15,116	-26.9
Mountain.....	32,115	9,519	22,596	237.4	439,767	123,458	316,309	267.4	300,134	64,659	235,475	364.2
Pacific.....	25,390	76,092	-50,702	-66.6	268,453	678,630	-410,177	-60.4	242,579	342,105	-99,529	-29.1
<b>NEW ENGLAND:</b>												
Maine.....	292	611	-319	-52.2	4,815	9,290	-4,475	-48.2	4,388	6,126	-1,738	-28.4
New Hampshire.....	200	350	-90	-25.7	4,534	5,320	-786	-14.8	4,680	3,529	1,151	32.6
Vermont.....	1,115	2,264	-1,149	-50.8	16,689	31,950	-15,261	-47.8	14,533	18,012	-3,479	-19.3
Massachusetts.....	3,476	4,557	-1,081	-23.7	59,183	60,294	-1,111	-1.8	52,896	34,291	18,605	52.8
Rhode Island.....	477	591	-114	-19.3	7,845	7,710	165	2.1	7,007	4,751	2,256	47.5
Connecticut.....	7,601	10,282	-2,681	-26.1	137,692	203,400	-65,708	-32.3	123,848	112,262	11,586	10.3
<b>MIDDLE ATLANTIC:</b>												
New York.....	130,540	177,416	-46,876	-26.4	2,010,601	2,431,670	-421,069	-17.3	1,578,408	1,393,313	185,095	13.3
New Jersey.....	69,632	68,967	65	0.1	951,271	831,410	119,861	14.4	707,250	442,446	264,804	59.9
Pennsylvania.....	272,560	310,948	-37,488	-12.1	3,496,603	3,944,750	-448,147	-11.4	2,673,514	2,070,847	602,667	29.1
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	67,912	17,583	50,329	286.2	921,919	257,120	664,799	258.6	636,276	128,072	508,204	396.8
Indiana.....	83,440	43,562	39,878	91.5	1,121,589	564,300	557,289	98.8	743,782	266,487	477,295	179.1
Illinois.....	58,973	78,569	-19,596	-25.2	787,519	1,104,670	-317,151	-28.7	523,574	569,688	-13,686	-2.7
Michigan.....	419,020	174,096	244,924	140.7	5,814,394	2,130,870	3,683,524	172.9	3,944,616	1,033,416	2,911,200	281.7
Wisconsin.....	339,213	362,193	-22,980	-6.3	4,797,775	5,142,606	-344,831	-6.7	3,163,920	2,443,946	719,974	29.4
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	266,567	118,869	147,698	124.3	4,426,028	1,866,150	2,559,878	137.2	2,679,987	783,852	1,896,135	241.9
Iowa.....	42,642	89,172	-47,130	-52.9	570,996	1,179,970	-608,974	-51.6	357,220	480,817	-123,597	-25.7
Missouri.....	20,001	21,233	-1,232	-5.8	205,313	220,338	-14,525	-6.6	156,852	103,192	53,660	52.0
North Dakota.....	48,188	37,995	20,103	72.1	689,233	368,240	320,993	87.2	411,728	138,771	272,957	196.7
South Dakota.....	13,778	39,253	-25,475	-64.9	194,672	454,860	-260,188	-57.2	115,129	164,800	-49,734	-30.2
Nebraska.....	62,827	178,920	-116,093	-64.9	660,631	1,901,820	-1,241,189	-65.3	383,736	712,759	-329,023	-46.2
Kansas.....	17,179	80,964	-63,785	-78.8	160,415	807,260	-646,845	-80.1	111,927	310,013	-200,086	-64.6
<b>SOUTH ATLANTIC:</b>												
Delaware.....	1,017	1,103	-86	-7.8	11,423	12,380	-957	-7.7	8,169	5,831	2,338	40.1
Maryland.....	28,093	21,621	6,472	29.9	357,562	279,550	78,012	27.9	232,691	141,433	111,258	78.7
District of Columbia.....	13	22	-9	(0)	190	290	-100	-34.5	135	162	-27	-16.7
Virginia.....	47,890	31,334	16,356	51.9	438,345	246,834	191,511	77.6	344,241	124,195	220,046	177.2
West Virginia.....	15,679	13,758	1,921	14.0	148,676	111,031	37,645	33.9	122,238	58,784	63,454	108.0
North Carolina.....	48,653	28,074	20,611	73.4	280,431	133,730	146,701	109.7	209,596	86,228	188,368	212.6
South Carolina.....	2,958	4,256	-1,298	-30.5	20,631	19,372	1,259	6.5	32,107	18,405	13,792	74.9
Georgia.....	12,362	13,185	-823	-6.3	59,937	54,492	5,445	10.0	69,365	52,937	16,428	31.0
Florida.....	859	766	93	12.1	5,279	4,870	409	8.4	7,995	5,544	2,451	44.2
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	26,813	17,618	9,195	52.2	255,532	155,365	100,167	64.5	202,534	88,315	114,219	129.3
Tennessee.....	22,798	16,556	6,242	37.7	140,925	107,912	33,013	30.6	129,845	68,381	61,464	89.9
Alabama.....	437	1,708	-1,271	-74.4	3,736	11,123	-7,387	-66.4	4,314	9,075	-4,761	-52.5
Mississippi.....	43	103	-60	-58.3	516	963	-447	-46.4	459	756	-296	-39.2
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1,080	2,883	-1,803	-62.5	7,354	19,125	-11,771	-61.5	6,834	11,428	-4,594	-40.2
Louisiana.....	19	55	-36	(0)	193	372	-179	-48.1	236	323	-87	-26.9
Oklahoma.....	4,291	3,660	631	17.2	37,240	24,260	12,980	53.5	30,364	17,168	13,196	76.9
Texas.....	5,394	3,984	-1,418	-26.5	4,350	42,770	-38,420	-89.8	3,731	27,362	-23,631	-86.4
<b>MOUNTAIN:</b>												
Montana.....	6,034	2,003	4,031	201.2	111,214	33,129	78,094	235.8	82,669	16,546	66,123	399.6
Idaho.....	3,295	1,304	1,991	152.7	40,241	16,559	23,681	142.7	28,976	8,328	20,648	247.9
Wyoming.....	1,516	1,006	510	50.7	50,479	15,550	4,899	31.4	14,791	9,574	5,217	54.5
Colorado.....	15,715	2,148	13,567	621.6	198,029	20,189	177,840	886.4	123,330	13,874	109,456	790.2
New Mexico.....	237	45	192	(0)	2,913	1,064	1,849	173.8	2,450	700	1,750	250.0
Arizona.....	21	15	6	(0)	261	190	71	37.4	229	157	82	52.2
Utah.....	5,234	2,866	2,368	82.6	65,754	28,630	37,124	129.7	46,338	13,761	32,577	236.7
Nevada.....	43	129	-86	-66.7	880	2,114	-1,234	-58.4	941	1,716	-775	-45.2
<b>PACIFIC:</b>												
Washington.....	5,450	3,677	2,373	77.1	50,746	44,945	5,801	12.9	43,974	23,566	20,408	85.6
Oregon.....	12,913	10,090	2,823	28.0	147,024	109,234	37,790	34.6	122,756	67,053	55,703	98.0
California.....	7,027	62,925	-55,898	-88.8	70,683	524,451	-433,768	-86.5	65,846	261,486	-185,640	-72.8

<sup>1</sup> Per cent not calculated where base is less than 100.

<sup>2</sup> Includes Indian Territory.

## BUCKWHEAT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 30	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	DIVISION OR STATE.		Increase.		1909		Increase.		1909		Increase.	
	1909	1899	Amount.	Per cent.	1909	1899	Amount.	Per cent.	1909	1899	Amount.	Per cent.
United States.....	878,048	897,069	70,988	8.8	14,849,332	11,233,515	3,615,817	32.2	\$9,330,592	\$5,747,853	\$3,582,739	62.3
GEOGRAPHIC DIVISIONS:												
New England.....	28,725	42,767	-14,042	-32.8	602,715	807,336	-204,621	-25.3	400,081	350,148	49,933	14.3
New England.....	592,159	555,464	36,695	6.6	10,701,643	7,972,605	2,729,038	34.2	6,625,513	4,112,076	2,513,437	61.1
Middle Atlantic.....	139,971	123,357	16,614	13.5	1,807,474	1,427,420	470,054	32.9	1,222,109	702,559	499,550	69.3
East North Central.....	25,955	27,505	-1,550	-5.6	349,316	292,669	56,647	19.4	230,356	164,305	66,051	40.2
West North Central.....	84,864	55,542	29,322	52.8	1,216,608	704,147	512,461	72.8	791,546	341,567	449,979	131.7
East South Central.....	4,772	1,267	3,505	276.6	51,525	9,552	41,973	439.4	37,268	5,355	31,913	595.9
West South Central.....	121	107	14	13.1	987	924	63	6.8	854	744	110	14.8
Mountain.....	316	158	158	100.0	7,931	2,192	5,739	268.5	6,929	1,397	5,532	396.3
Pacific.....	1,165	893	272	30.5	21,133	16,710	4,423	26.5	15,945	9,702	6,243	64.3
NEW ENGLAND:												
Maine.....	15,552	25,292	-9,740	-38.5	316,782	468,320	-151,538	-32.4	189,616	185,836	3,680	2.0
New Hampshire.....	1,032	1,835	-783	-42.7	26,312	43,360	-17,048	-39.3	17,842	19,334	-1,492	-7.7
Vermont.....	7,659	9,910	-2,251	-22.7	174,394	196,010	-21,616	-11.0	122,050	90,275	31,775	35.2
Massachusetts.....	1,630	2,262	-632	-27.9	32,926	36,084	-3,158	-8.6	24,678	20,830	3,848	17.9
Connecticut.....	2,797	3,423	-626	-18.3	51,751	62,962	-11,211	-17.8	45,532	33,946	12,186	36.5
MIDDLE ATLANTIC:												
New York.....	286,276	280,862	+5,566	+1.2	5,691,745	3,815,350	1,876,395	49.2	3,587,558	2,045,737	1,541,821	75.4
New Jersey.....	13,155	15,762	-2,607	-16.5	212,548	234,275	-21,727	-9.3	141,997	120,479	21,518	17.9
Pennsylvania.....	292,728	249,840	42,888	17.2	4,707,350	3,922,980	874,370	22.3	2,895,958	1,945,860	950,098	48.8
EAST NORTH CENTRAL:												
Ohio.....	28,073	13,071	15,002	99.5	483,410	164,306	319,105	194.2	303,229	87,242	215,978	247.6
Indiana.....	6,995	8,084	-1,089	-13.4	84,991	102,340	-17,349	-17.0	56,617	51,300	5,317	10.4
Illinois.....	4,966	6,229	-1,264	-20.4	68,125	65,050	3,075	4.7	48,040	36,225	11,815	32.6
Michigan.....	75,909	35,669	20,240	36.4	958,119	605,830	352,289	58.1	594,748	306,311	288,437	94.2
Wisconsin.....	25,298	39,713	-14,415	-36.8	302,829	498,995	-187,066	-38.2	219,484	281,481	-61,997	-22.0
WEST NORTH CENTRAL:												
Minnesota.....	10,309	6,709	3,609	53.9	144,861	82,087	62,774	75.2	89,058	43,741	45,317	103.6
Iowa.....	9,066	13,834	-4,768	-34.5	129,559	151,129	-30,561	-20.2	86,941	84,842	2,099	2.5
Missouri.....	1,676	2,715	-1,039	-38.3	20,289	21,480	-1,191	-5.5	16,296	12,079	4,217	34.9
North Dakota.....	1,039	1,121	-82	-7.3	17,066	10,760	6,306	58.6	9,153	7,439	1,696	22.8
South Dakota.....	1,904	232	1,672	720.7	28,551	2,790	25,761	923.3	16,816	2,073	14,743	711.2
Nebraska.....	1,205	960	225	23.0	9,876	8,629	1,247	14.5	7,221	5,109	2,112	41.3
SOUTH ATLANTIC:												
Delaware.....	4,002	1,652	2,350	142.3	33,903	23,980	29,922	124.8	30,839	10,773	20,066	186.3
Maryland.....	10,388	8,047	2,341	29.1	152,216	115,950	36,266	31.3	90,216	58,623	40,593	69.2
Virginia.....	25,441	19,261	6,280	32.4	332,222	244,321	87,901	36.0	196,196	111,731	84,465	75.6
West Virginia.....	33,323	21,410	11,913	55.6	333,670	257,257	266,413	99.7	351,171	134,803	216,278	160.3
North Carolina.....	11,696	5,168	6,438	124.6	144,186	52,572	91,614	174.3	113,977	25,482	88,095	345.7
EAST SOUTH CENTRAL:												
Kentucky.....	1,887	84	1,803	(1)	18,074	879	17,195	1,956.2	12,028	615	11,413	1,855.8
Tennessee.....	2,867	1,173	1,694	144.4	33,249	8,597	24,652	286.8	25,078	4,660	20,388	434.7

1 Per cent not calculated where base is less than 100.

## EMMER AND SPELT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909.

[States are not named when the acreage was less than 1,000 in 1909.]

Table 31	DIVISION OR STATE.			DIVISION OR STATE.			
	Acreage.	Production (bushels).	Value.	Acreage.	Production (bushels).	Value.	
United States.....	573,622	12,702,719	\$5,584,050	WEST NORTH CENTRAL:			
GEOGRAPHIC DIVISIONS:							
New England.....	202	5,418	4,229	Minnesota.....	30,891	757,339	\$38,841
Middle Atlantic.....	1,758	42,993	28,429	Iowa.....	7,256	139,839	65,456
East North Central.....	14,941	371,864	212,595	Missouri.....	7,935	160,540	47,543
West North Central.....	522,487	11,672,769	5,009,772	North Dakota.....	101,144	2,564,732	1,102,782
South Atlantic.....	298	6,431	4,631	South Dakota.....	239,611	6,098,982	2,627,533
East South Central.....	99	2,076	1,851	Nebraska.....	65,681	1,221,975	484,791
West South Central.....	13,293	139,628	81,942	Kansas.....	49,969	755,362	342,846
Mountain.....	18,544	407,187	205,483	WEST SOUTH CENTRAL:			
Pacific.....	1,861	55,344	35,118	Oklahoma.....	8,659	94,580	54,690
MOUNTAIN:							
Montana.....	1,338	29,830	24,643	Texas.....	4,624	44,316	27,118
MIDDLE ATLANTIC:							
New York.....	1,382	33,990	22,110	MOUNTAIN:			
EAST NORTH CENTRAL:							
Illinois.....	1,633	41,999	20,754	Wyoming.....	1,521	35,677	22,918
Michigan.....	6,742	154,103	97,414	Colorado.....	15,323	324,713	153,068
Wisconsin.....	6,090	166,301	89,118				

# FARM CROPS, BY STATES.

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## KAFIG CORN AND MILO MAIZE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 32 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States.....</b>	<b>1,635,153</b>	<b>286,513</b>	<b>1,368,640</b>	<b>513.5</b>	<b>17,597,305</b>	<b>5,169,113</b>	<b>12,428,192</b>	<b>240.4</b>	<b>\$10,816,940</b>	<b>\$1,367,040</b>	<b>\$9,449,900</b>	<b>691.3</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	48		48		1,772		1,772		1,084		1,084	
Middle Atlantic.....	586	1	585	(?)	11,647	14	11,633	(?)	8,203	7	8,196	(?)
East North Central.....	1,185	137	1,048	765.0	22,779	2,812	19,967	710.1	14,242	888	13,354	1,908.8
West North Central.....	404,433	157,593	246,840	156.6	5,372,284	3,119,044	2,253,240	72.2	3,219,619	804,410	2,415,209	300.2
South Atlantic.....	230	40	190	(?)	3,561	618	2,943	476.2	2,918	307	2,611	850.5
East South Central.....	493	23	470	(?)	6,453	624	5,829	934.1	4,998	284	4,714	1,659.9
West South Central.....	1,107,406	88,340	1,019,066	1,153.5	10,536,612	1,620,590	8,916,022	550.2	6,330,665	365,802	5,964,863	1,630.6
Mountain.....	76,436	157	76,279	48,885.4	708,484	4,825	698,659	14,479.8	509,163	2,059	507,104	24,628.5
Pacific.....	44,336	20,222	24,114	119.2	938,713	420,586	518,127	123.2	726,048	193,283	532,765	275.6
<b>WEST NORTH CENTRAL:</b>												
Missouri.....	13,543	1,990	11,553	580.6	228,386	38,497	189,889	493.2	152,246	12,836	139,410	1,086.1
Nebraska.....	2,016	742	1,274	171.7	20,212	13,607	6,605	48.5	15,712	5,189	10,523	302.8
Kansas.....	388,495	154,706	233,789	151.1	5,115,415	3,063,781	2,051,634	67.0	3,046,799	785,276	2,261,523	288.0
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1,294	109	1,185	1,087.2	15,284	1,722	13,562	787.0	12,074	808	11,266	1,394.3
Oklahoma.....	532,515	165,418	467,097	714.0	4,655,752	81,136,772	3,821,980	308.8	2,531,636	234,880	2,296,756	977.1
Texas.....	573,384	22,813	550,571	2,413.4	5,860,444	482,096	5,378,348	1,116.6	3,785,463	130,014	3,655,449	2,811.6
<b>MOUNTAIN AND PACIFIC:</b>												
Colorado.....	11,971	18	11,953	(?)	139,234	302	138,932	46,003.3	94,886	131	94,355	72,026.7
New Mexico.....	63,570	138	63,432	45,965.2	543,350	4,473	538,877	12,047.2	392,393	1,778	390,615	21,969.1
California.....	44,308	20,218	24,090	119.2	938,049	430,452	517,597	123.1	735,704	193,244	532,460	275.5

<sup>1</sup> Per cent not calculated where base is less than 100.

<sup>2</sup> Includes Indian Territory.

## ROUGH RICE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 33 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States.....</b>	<b>1,610,175</b>	<b>342,214</b>	<b>267,961</b>	<b>78.3</b>	<b>12,838,580</b>	<b>9,002,886</b>	<b>12,835,694</b>	<b>142.6</b>	<b>\$16,019,607</b>	<b>\$6,329,562</b>	<b>\$9,690,045</b>	<b>153.1</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
South Atlantic.....	27,080	127,369	-100,289	-78.7	713,966	2,470,725	-1,756,759	-71.1	691,372	2,000,996	-1,309,624	-65.5
East South Central.....	560	4,424 <sup>1</sup>	-3,864	-87.3	10,006	59,934	-49,928	-83.3	10,547	59,455	-48,908	-82.3
West South Central.....	382,523	210,421	372,102	176.8	21,114,548	6,472,227	14,642,321	226.2	15,317,648	4,209,111	11,048,537	238.8
<b>SOUTH ATLANTIC:</b>												
Virginia.....		25	-25			157	-157			94	-94	
North Carolina.....	521	22,270	-21,758	-97.7	11,337	283,906	-272,569	-96.0	10,269	208,475	-198,206	-95.1
South Carolina.....	19,401	77,657	-58,166	-74.9	541,570	1,708,692	-1,167,032	-68.2	320,000	1,366,528	-846,528	-61.9
Georgia.....	6,445	21,998	-15,553	-70.7	148,698	401,963	-253,265	-63.0	145,813	338,967	-192,754	-56.9
Florida.....	623	5,410	-4,787	-88.5	12,341	81,097	-68,756	-84.8	15,290	87,523	-72,042	-82.5
<b>EAST SOUTH CENTRAL:</b>												
Alabama.....	279	2,329	-2,050	-88.0	5,170	33,343	-28,173	-84.5	5,170	30,891	-25,712	-83.2
Mississippi.....	281	2,095	-1,814	-86.6	4,836	26,591	-21,755	-81.8	5,368	28,564	-23,196	-81.2
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	27,419	25	27,394	(?)	1,282,830	310	1,282,520	413,709.7	1,158,103	235	1,157,868	492,680.9
Louisiana.....	317,518	201,685	115,833	57.4	10,839,973	6,213,397	4,626,576	74.5	8,032,222	4,044,480	4,008,733	99.1
Texas.....	237,586	8,711	228,875	2,627.4	8,991,745	258,620	8,733,225	3,378.2	6,106,323	224,387	5,881,936	2,621.4

<sup>1</sup> Includes 12 acres, 60 bushels, valued at \$40, in states not shown.

<sup>2</sup> Per cent not calculated where base is less than 100.

## OTHER GRAINS AND SEEDS.

According to ordinary usage, the term "grain" refers to the several cereals only, but it is sometimes applied to other seeds also, such as beans and peas and peanuts. The more comprehensive definition conforms to the usage of the Department of Agriculture, which has been adopted by the Census Bureau. Among the other seeds are included flaxseed, grass seed, flower and vegetable seeds, etc. The combined value of the production of the minor grains and seeds, of which the most important are beans, peas, peanuts, flaxseed, grass seed, and flower and vegetable seeds, amounted in 1909 to \$97,536,000, representing 1.8 per cent of the total value of all crops, including forest and nursery products. The statistics of acreage were not tabulated for grass seeds, or flower and vegetable seeds, chiefly for the reason that in many cases the raising of these seeds was incidental to the production of hay and forage crops and of flowers and vegetables, so that a presentation of the acreage would involve duplication. The total acreage of the minor grains and seeds for which acreage reports were secured amounted in 1909 to 5,157,000, or 1.1 per cent of the improved farm land of the country.

**Dry edible beans.**—Table 34 shows the statistics for dry edible beans. It does not include beans used green from vegetable gardens nor varieties of beans which are used mainly for feeding animals, such as horse beans, stock beans, and velvet beans, nor castor beans (the total acreage of which is very small). Beans used green from gardens are included with vegetables.

The acreage of dry edible beans in 1909 was 802,991, forming only 0.2 per cent of the total improved farm acreage of the country. The acreage in 1909 was 76.9 per cent greater than in 1899, and the production, which amounted to 11,251,000 bushels in 1909, was considerably more than twice as great. The value of the product increased from \$7,634,000 in 1899 to \$21,771,000 in 1909, or 185.2 per cent, the average value per bushel having advanced from \$1.51 to \$1.94. The value of the crop raised in 1909 represented 0.4 per cent of that of all crops. The East North Central division contained more than half of the total acreage of dry edible beans in the country in 1909. Other divisions with large acreages were the Pacific and Middle Atlantic, but in the latter the acreage was less in 1909 than in 1899.

The total acreage of the various other kinds of beans (not reported as dry edible beans or as beans used green from gardens) was 14,947 in 1909, as compared with 25,738 in 1899; the production was 179,733 bushels in 1909 and 143,388 in 1899; and the value \$241,060 in 1909, as compared with \$134,084 in 1899.

## DRY EDIBLE BEANS—ACREAGE, PRODUCTION, AND VALUE.

DIVISION OR STATE.	ACREAGE.		PRODUCTION (BUSELS).		VALUE.	
	1909	1899	1909	1899	1909	1899
	<b>United States</b> .....	<b>802,991</b>	<b>452,841</b>	<b>11,251,160</b>	<b>5,064,490</b>	<b>321,771,482</b>
<b>GEOGRAPHIC DIVS.:</b>						
New England.....	16,619	16,734	145,111	212,149	432,501	437,110
Middle Atlantic.....	117,570	131,651	1,696,965	1,337,290	3,723,303	2,517,273
East North Central.....	422,256	188,292	5,472,850	2,028,930	10,654,682	2,692,668
West North Central.....	9,189	12,495	94,841	128,427	199,498	194,441
South Atlantic.....	25,776	30,452	162,853	373,339	291,885	377,428
East South Central.....	18,481	14,110	114,022	126,869	189,809	142,511
West South Central.....	3,551	6,458	25,052	53,212	45,717	68,574
Mountain.....	28,947	7,958	206,492	80,832	500,185	155,204
Pacific.....	158,962	46,998	3,339,361	674,422	6,328,455	1,650,187
<b>NEW ENGLAND:</b>						
Maine.....	10,341	10,252	87,363	137,290	275,334	290,885
New Hampshire.....	3,180	2,892	22,346	29,990	62,783	67,799
Vermont.....	2,909	2,494	26,359	27,172	73,875	51,629
Massachusetts.....	446	629	4,979	7,999	12,382	15,088
Rhode Island.....	54	216	817	3,330	2,084	6,477
Connecticut.....	208	341	2,848	6,428	7,045	10,232
<b>MIDDLE ATLANTIC:</b>						
New York.....	115,698	129,298	1,681,500	1,300,445	3,688,064	2,472,668
New Jersey.....	1,021	1,021	6,921	6,428	6,150	5,886
Pennsylvania.....	1,269	2,182	12,021	25,957	28,136	38,719
<b>E. NORTH CENTRAL:</b>						
Ohio.....	1,139	1,828	13,665	19,042	30,082	33,307
Indiana.....	1,721	2,999	15,238	30,171	30,929	46,281
Illinois.....	1,153	2,431	6,896	30,122	12,842	17,850
Michigan.....	460,609	167,025	5,282,311	1,806,413	9,716,315	2,361,020
Wisconsin.....	14,574	12,989	154,570	143,182	263,914	206,216
<b>W. NORTH CENTRAL:</b>						
Minnesota.....	4,697	3,290	62,822	36,317	124,996	49,685
Iowa.....	615	2,427	5,699	24,903	12,428	38,296
Missouri.....	1,281	4,576	9,285	45,647	20,354	74,850
North Dakota.....	544	270	5,073	2,389	18,862	3,872
South Dakota.....	809	397	5,285	4,218	12,575	6,448
Nebraska.....	1,173	887	5,762	5,762	17,622	13,835
Kansas.....	70	848	636	724	1,321	9,485
<b>SOUTH ATLANTIC:</b>						
Delaware.....	55	100	648	1,333	1,397	1,822
Maryland.....	1,196	605	1,833	4,754	3,342	7,038
District of Columbia.....	.....	.....	.....	.....	.....	.....
Virginia.....	4,777	6,411	29,435	56,198	61,864	66,886
West Virginia.....	1,811	5,221	39,794	52,815	81,049	80,494
North Carolina.....	5,321	5,381	35,867	49,318	57,528	50,700
South Carolina.....	11,028	1,037	6,828	1,457	17,778	13,936
Georgia.....	12,947	1,927	16,546	17,489	30,018	17,982
Florida.....	2,641	9,189	31,835	176,304	43,919	139,349
<b>E. SOUTH CENTRAL:</b>						
Kentucky.....	112,484	5,633	70,557	49,106	165,309	57,672
Tennessee.....	13,398	5,563	19,326	48,726	40,866	37,600
Alabama.....	11,837	1,768	15,212	17,965	19,887	15,307
Mississippi.....	1,092	1,149	4,727	11,162	23,647	11,672
<b>W. SOUTH CENTRAL:</b>						
Arkansas.....	1,819	1,490	4,080	15,582	6,588	17,046
Louisiana.....	1,311	333	5,557	3,271	6,982	3,948
Oklahoma.....	1,575	8,758	2,320	6,130	15,942	16,928
Texas.....	1,846	2,878	12,895	29,129	26,203	40,652
<b>MOUNTAIN:</b>						
Montana.....	342	101	2,958	1,110	8,511	2,221
Idaho.....	1,915	457	33,816	5,886	76,314	9,979
Wyoming.....	273	26	1,876	285	5,018	746
Colorado.....	5,049	6,634	6,826	28,570	128,701	49,369
New Mexico.....	20,766	3,349	85,795	36,022	232,023	73,001
Arizona.....	2,301	805	18,457	6,637	44,997	12,700
Utah.....	1,962	1,806	6,323	1,936	10,066	4,083
Nevada.....	14	23	222	536	615	1,303
<b>PACIFIC:</b>						
Washington.....	353	296	3,311	3,830	9,656	7,034
Oregon.....	562	841	8,032	11,077	23,342	20,367
California.....	157,987	45,861	3,328,218	658,515	6,295,457	1,022,586

<sup>1</sup> A considerable amount of this acreage is probably a duplication of other crop acreage.

<sup>2</sup> Includes Indian Territory.

**Dry peas.**—Table 35 presents statistics for dry peas; it does not cover green peas, which are included under "vegetables."

In 1909 the acreage of dry peas in the United States as a whole was 1,305,099, equivalent to 0.3 per cent of the total improved farm acreage of the country. Although the acreage reported in 1909 was 34.8 per cent greater than in 1899, the production (7,129,000 bushels) showed a decrease of 24.5 per cent. On ac-

count of the material increase in the average value per bushel, however, the total value of the crop advanced from \$7,909,000 in 1899 to \$10,964,000 in 1909, when it constituted 0.2 per cent of the total value of all farm crops.

DRY PEAS—ACREAGE, PRODUCTION, AND VALUE.

DIVISION OR STATE.	ACREAGE.		PRODUCTION (BUSELS).		VALUE.	
	1909	1899	1909	1899	1909	1899
	<b>United States</b> .....	<b>1,305,099</b>	<b>968,370</b>	<b>7,129,294</b>	<b>9,440,210</b>	<b>\$10,963,739</b>
<b>GEOGRAPHIC DIVS.:</b>						
New England.....	824	3,050	7,784	48,130	15,348	58,506
Middle Atlantic.....	4,183	15,275	73,838	239,036	121,369	229,095
East North Central.....	227,430	154,216	2,063,773	2,531,514	3,396,023	1,639,048
West North Central.....	27,635	7,943	154,873	96,148	241,082	106,451
South Atlantic.....	667,703	444,778	2,242,243	3,468,991	3,905,792	2,814,088
West South Central.....	203,229	251,851	882,471	2,099,677	1,560,726	1,952,651
Mountain.....	138,902	81,033	678,746	730,703	1,095,149	706,548
Pacific.....	26,598	7,733	228,201	114,433	485,321	97,518
Total.....	6,591	6,591	157,544	171,183	223,116	169,871
<b>NEW ENGLAND:</b>						
Maine.....	537	2,300	4,963	35,991	10,134	44,618
New Hampshire.....	122	146	934	1,533	1,955	2,210
Vermont.....	177	408	1,262	6,945	2,922	7,730
Massachusetts.....	30	122	480	2,529	4,125	9,448
Rhode Island.....	4	45	73	940	102	1,195
Connecticut.....	4	29	72	462	121	628
<b>MID-PL. ATLANTIC:</b>						
New York.....	4,007	14,748	71,486	251,889	117,508	230,609
New Jersey.....	85	482	999	8,869	2,100	7,618
<b>E. NORTH CENTRAL:</b>						
Ohio.....	323	506	3,041	7,521	5,998	7,410
Indiana.....	13,082	538	88,254	4,357	133,996	7,348
Illinois.....	41,076	12,982	185,020	103,386	273,773	110,354
Michigan.....	94,302	71,276	1,162,403	1,134,431	1,337,430	889,183
Wisconsin.....	78,017	68,819	1,165,055	1,098,819	1,445,928	824,603
<b>W. NORTH CENTRAL:</b>						
Minnesota.....	835	670	34,964	9,021	18,384	9,338
Iowa.....	731	1,556	9,007	27,696	11,669	24,473
Missouri.....	2,036	5,319	109,357	54,763	180,393	66,701
North Dakota.....	399	5	5,435	710	8,501	1,041
South Dakota.....	17,738	37	10,598	452	11,223	591
Nebraska.....	26	126	144	1,586	308	2,041
Kansas.....	825	151	5,235	2,008	10,739	2,306
<b>SOUTH ATLANTIC:</b>						
Delaware.....	1,615	511	12,521	4,650	25,278	5,086
Maryland.....	1742	947	5,603	12,459	11,143	12,725
District of Columbia.....	1	1	1	1	1	1
Virginia.....	112,991	22,296	66,488	119,145	127,211	215,477
West Virginia.....	232	323	4,040	3,613	5,312	3,731
North Carolina.....	1169,834	88,407	631,567	876,167	1,024,228	649,194
South Carolina.....	1,265,632	145,070	711,859	1,162,705	1,311,454	809,952
Georgia.....	1,210,315	167,032	736,009	1,300,441	1,294,783	953,241
Florida.....	7,144	17,875	36,713	159,814	98,383	171,702
<b>E. SOUTH CENTRAL:</b>						
Kentucky.....	1,845	8,394	44,773	83,089	84,514	90,739
Tennessee.....	1,366,640	82,541	133,924	760,663	285,434	767,840
Alabama.....	1,85,034	91,126	418,007	665,388	690,370	536,793
Mississippi.....	1,73,000	69,890	285,768	500,337	376,078	567,279
<b>W. SOUTH CENTRAL:</b>						
Arkansas.....	152,730	31,414	229,444	245,894	370,506	255,709
Louisiana.....	133,150	15,190	161,659	146,258	252,362	156,843
Oklahoma.....	16,245	3,455	33,282	1,049	63,857	4,680
Texas.....	146,777	33,876	254,301	338,462	377,549	349,306
<b>MOUNTAIN:</b>						
Montana.....	1,184	1,512	21,670	32,205	37,757	33,273
Idaho.....	234	170	4,875	2,506	9,160	4,058
Wyoming.....	326	13	9,231	232	9,552	305
Colorado.....	249	3	28,981	47,663	307,549	29,808
New Mexico.....	2,485	2,220	30,829	28,021	35,077	20,365
Arizona.....	13	50	93	86	293	1,205
Utah.....	126	145	2,765	85	5,753	3,694
Nevada.....	4	4	8	86	2	92
<b>PACIFIC:</b>						
Washington.....	3,196	2,573	91,032	91,899	116,065	78,124
Oregon.....	436	1,304	9,344	22,615	16,035	21,114
California.....	2,959	2,014	57,468	57,299	101,616	70,633

1 A considerable amount of this acreage is probably a duplication of other crop acreage.  
2 Includes Indian Territory.

The leading division with respect to acreage of dry peas is the South Atlantic, which in 1909 reported more than half of the total, but the production in this division was less in 1909 than that in the East North Central division, which ranked second in acreage. The marked increase reported in the acreage devoted to this crop in the South Atlantic division is probably

more apparent than real, inasmuch as peas are often planted in conjunction with some other crop, and it seems certain that for 1909 the enumerators more frequently duplicated such acreage in their reports than they did for 1899. The East South Central and West South Central divisions ranked third and fourth, respectively, in acreage and production in 1909.

**Peanuts.**—Table 36 shows that the production of peanuts is practically confined to the southern states.

PEANUTS—ACREAGE, PRODUCTION, AND VALUE.

STATE.	ACREAGE.		PRODUCTION (BUSELS).		VALUE.	
	1909	1899	1909	1899	1909	1899
	<b>United States</b> .....	<b>869,887</b>	<b>516,684</b>	<b>11,573,816</b>	<b>11,964,109</b>	<b>\$13,271,929</b>
Alabama.....	100,679	78,378	1,373,703	1,023,708	1,460,654	853,222
Arkansas.....	10,192	5,233	168,698	78,237	183,364	69,632
California.....	99	833	3,991	15,461	2,889	12,650
Florida.....	126,130	69,432	2,315,088	967,527	2,146,862	609,713
Georgia.....	60,317	100,389	2,569,737	1,433,775	2,449,926	935,749
Kansas.....	48	225	1,047	1,516	2,669	4,306
Louisiana.....	25,029	3,107	412,037	45,713	422,332	44,783
Mississippi.....	13,997	5,833	284,919	95,728	317,236	89,350
Missouri.....	130	271	3,280	6,679	4,040	6,407
New Mexico.....	129	1	1,375	10	2,177	12
North Carolina.....	195,134	95,856	5,929,919	3,460,439	5,368,524	1,832,110
Oklahoma.....	1,564	1,205	31,880	1,50,428	34,954	130,190
South Carolina.....	7,906	7,362	154,822	131,710	144,211	106,018
Tennessee.....	18,352	19,234	547,240	707,668	386,765	392,648
Texas.....	64,327	10,734	1,074,968	184,860	1,025,110	178,542
Virginia.....	145,213	116,914	4,284,349	7,715,347	4,259,532	2,261,188
All other states.....	413	207	7,876	3,893	9,132	4,032

1 Includes Indian Territory.

The acreage of peanuts in 1909 was 869,887, representing 0.2 per cent of the total improved farm acreage in the country as a whole. In the South the proportion of the improved farm acreage that was devoted to peanuts was 0.6 per cent. The total acreage of peanuts in the United States in 1909 was 68.4 per cent greater than in 1899, and the production in 1909, 19,416,000 bushels, was 62.3 per cent greater than 10 years before.

The value of the crop in 1909, \$18,272,000, which formed 0.3 per cent of the total value of all crops, was more than two and one-half times as great as that in 1899. The average value per bushel increased from \$0.61 to \$0.94. The leading states in the production of peanuts are North Carolina, Georgia, Virginia, Florida, and Alabama, in the order named, the acreage in each of these states in 1909 exceeding 100,000. Other states in which there has been a very marked increase in the acreage of peanuts are Louisiana, Mississippi, and Texas.

**Flaxseed.**—In the United States flax is raised primarily for the sake of the seed, much less use being made of the fiber than in some of the other countries where this crop is grown. The production of flaxseed, as shown by Table 37, is almost wholly confined to the North Central and Mountain divisions.

The total acreage in flax in 1909 was 2,083,142, or 0.4 per cent of the total improved farm acreage of the country, and the total production was 19,513,000 bushels. Both acreage and production in 1909 were

slightly less than in 1899, but the value increased from \$19,625,000 in 1899 to \$28,971,000 in 1909, or 47.6 per cent, the average value per bushel increasing from \$0.98 to \$1.48. In 1909 the value of this crop represented 0.5 per cent of the total for all crops. The values given in the table represent the seed only. The Census Bureau did not undertake to ascertain the total value of flax straw produced, but an inquiry was made as to the amount received from sales of flax straw and flax fiber, an item which probably represents approximately the value of the straw produced, since it is used but little on the farm. The reported receipts from sales of flax straw and fiber in 1909 amounted to \$90,832.

#### FLAXSEED—ACREAGE, PRODUCTION, AND VALUE.

STATE.	ACREAGE.		PRODUCTION (BUSHELS).		VALUE.	
	1909	1899	1909	1899	1909	1899
<b>United States</b> .....	<b>2,083,142</b>	<b>1,110,517</b>	<b>19,512,788</b>	<b>10,979,492</b>	<b>\$28,971,000</b>	<b>\$19,625,000</b>
California.....	2,494	904	1,882	12,610	3,224	10,559
Colorado.....	2,857	434	13,462	1,830	17,485	1,831
Idaho.....	81	17,239	608	134,180	910	121,682
Illinois.....	115	394	1,156	4,336	1,548	4,705
Indiana.....	39	771	179	1,394	245	1,412
Iowa.....	15,549	126,453	140,906	1,413,390	182,569	1,380,102
Kansas.....	45,014	192,197	302,491	1,417,770	327,462	1,262,487
Louisiana.....	312	.....	2,215	.....	4,920	.....
Michigan.....	261	883	2,943	9,909	4,951	10,108
Minnesota.....	358,496	3,662	3,277,298	5,802,528	4,863,737	5,988,556
Missouri.....	20,630	100,392	154,332	611,888	168,771	519,929
Montana.....	37,647	16	447,844	229	676,945	268
Nebraska.....	2,934	7,652	20,564	54,894	36,455	33,778
New York.....	58	159	400	1,350	837	1,485
North Dakota.....	1,068,049	773,999	10,245,084	7,706,610	15,488,019	7,735,640
Ohio.....	324	524	4,806	29,323	6,367	29,035
Oklahoma.....	1,036	1,544	9,063	20,710	11,345	16,622
Oregon.....	38	2,618	391	1,140	567	8,564
South Dakota.....	518,596	309,016	4,739,794	2,452,528	7,001,717	2,422,269
Texas.....	.....	149	14	850	20	767
Washington.....	9,423	11,263	118,793	140,765	167,484	143,239
Wisconsin.....	1,116	.....	5,983	.....	7,824	.....
Wyoming.....	174	219	2,061	1,938	3,600	1,928

<sup>1</sup> Includes Indian Territory.

The acreage of flax in North Dakota in 1909 was more than half of the total for the country. South Dakota ranked next and Minnesota third, while no other state had as much as 50,000 acres. Between 1899 and 1909 there was a marked falling off in the acreage of flax in Idaho, Iowa, Kansas, Minnesota, and Missouri, but a marked increase in North Dakota and South Dakota, and in Montana, where the crop, which was insignificant in 1899, had become of considerable importance in 1909.

**Grass seed and flower and vegetable seeds.**—Table 38 presents statistics of grass seed and flower and vegetable seeds, by states.

As already stated, the acreage from which grass seed and flower and vegetable seeds were raised has not been tabulated. In some cases such acreage was not reported, and in many other cases it would represent a duplication of the acreage reported for hay and forage, flowers and plants, and vegetables. The reported production of flower and vegetable seeds doubtless represents chiefly that of farms producing such seeds for sale, small quantities raised by farmers for their own use presumably being often, if not generally,

omitted. Since statements of quantity for all classes of flower and vegetable seeds combined would obviously have no significance, only the total value of these seeds is shown in Table 38. For the country as a whole the value in 1909 was \$1,411,000. The most important states in the production of such seeds in 1909 were California, Illinois, New York, and Ohio.

#### GRASS SEED AND FLOWER AND VEGETABLE SEEDS.

Table 38

STATE.	GRASS SEED.				FLOWER AND VEGETABLE SEEDS.	
	Production (bushels).		Value.		Value.	
	1909	1899	1909	1899	1909	1899
<b>United States</b> .....	<b>6,671,345</b>	<b>4,905,078</b>	<b>\$15,137,683</b>	<b>\$8,228,417</b>	<b>\$1,411,013</b>	<b>\$828,019</b>
<b>NEW ENGLAND:</b>						
Maine.....	527	936	1,544	3,810	950	3,082
New Hampshire.....	142	47	556	121	1,319	855
Vermont.....	601	168	1,538	286	2,570	463
Massachusetts.....	3,397	467	4,163	387	291	1,602
Rhode Island.....	19	536	39	1,235	2,561	9,990
Connecticut.....	765	314	1,429	248	37,302	44,181
<b>MIDDLE ATLANTIC:</b>						
New York.....	17,879	11,445	88,239	47,790	72,991	54,148
New Jersey.....	12,808	5,187	14,799	2,795	33,300	45,191
Pennsylvania.....	24,454	50,122	116,108	182,500	39,316	104,229
<b>E. NORTH CENTRAL:</b>						
Ohio.....	288,605	388,721	1,322,136	1,418,689	67,303	33,689
Indiana.....	165,485	325,143	735,041	1,820,149	8,414	8,502
Illinois.....	129,996	552,705	1,719,430	636,465	194,626	71,456
Michigan.....	151,967	88,541	984,653	315,000	144,116	28,703
Wisconsin.....	262,301	141,765	1,499,401	446,730	42,583	15,236
<b>W. NORTH CENTRAL:</b>						
Minnesota.....	945,666	561,973	4,196,438	529,301	6,645	9,499
Iowa.....	1,118,044	1,262,072	4,721,289	1,215,753	4,833	6,044
Missouri.....	257,872	278,497	756,445	423,395	17,726	15,416
North Dakota.....	74,163	14,648	30,024	16,054	1,073	653
South Dakota.....	424,623	80,196	594,570	30,141	25,944	.....
Nebraska.....	120,423	49,972	451,347	69,782	38,737	77,985
Kansas.....	324,231	281,888	796,897	292,807	20,957	48,431
<b>SOUTH ATLANTIC:</b>						
Delaware.....	5,878	3,515	29,928	14,290	507	1,861
Maryland.....	15,080	11,167	86,798	8,762	8,792	7,183
Virginia.....	49,031	25,104	174,979	40,600	5,583	3,384
West Virginia.....	2,643	4,384	8,726	16,109	190	750
North Carolina.....	2,071	1,463	4,963	3,921	2,501	3,382
South Carolina.....	314	221	459	243	91	505
Georgia.....	2,197	806	2,568	442	973	3,669
Florida.....	1,198	37	4,200	37	2,000	3,622
<b>E. SOUTH CENTRAL:</b>						
Kentucky.....	612,406	378,600	92,330	108,798	15,558	5,668
Tennessee.....	58,486	84,366	92,580	104,477	1,568	458
Alabama.....	537	876	1,110	1,027	240	1,510
Mississippi.....	361	569	1,028	1,032	19	155
<b>W. SOUTH CENTRAL:</b>						
Arkansas.....	1,180	500	4,493	2,030	836	2,447
Louisiana.....	11,263	271	30,343	500	3,083	5,000
Oklahoma.....	25,825	1,813	149,070	13,322	7,263	11,835
Texas.....	21,351	20,492	39,135	13,974	22,332	2,901
<b>MOUNTAIN:</b>						
Montana.....	14,204	1,226	96,103	3,682	760	.....
Idaho.....	20,463	3,565	172,012	13,785	5,398	2,200
Wyoming.....	11,413	5,083	62,120	20,296	2,775	715
Colorado.....	51,208	13,633	162,822	35,266	13,395	11,113
New Mexico.....	9,092	45	46,935	320	151	.....
Arizona.....	22,598	1,742	108,646	6,852	.....	.....
Utah.....	52,604	35,367	313,814	127,988	700	10,330
Nevada.....	630	157	3,363	938	10	900
<b>PACIFIC:</b>						
Washington.....	3,355	837	9,388	1,546	37,571	11,667
California.....	151,016	25,285	364,852	21,460	6,089	10,448
Oregon.....	26,353	15,322	206,004	68,957	594,734	121,896

<sup>1</sup> Includes Indian Territory.

Table 39 shows, by geographic divisions, for 1909 and 1899, the total quantity and value of grass seed produced, and also, for 1909, the production and value of the leading classes. The acreage of grass seed is not shown, for the reason that in most cases it would involve duplication of the acreage reported for the grasses themselves under hay and forage crops.

The total value of the grass seed produced in 1909 was \$15,138,000, which constitutes 0.3 per cent of the

total value of farm crops and represents an increase of 84 per cent over the value in 1899. Much the larger part of the production of grass seed, considered as a group, was reported from the West and East North Central divisions. As measured by value, clover seed

is the most important kind of grass seed, followed by timothy and alfalfa. The East North Central division leads in the production of clover seed, the West North Central in that of timothy seed and millet seed, and the Mountain in that of alfalfa seed.

GRASS SEED—PRODUCTION AND VALUE.

DIVISION.	ALL GRASS SEED.				CLASSES OF GRASS SEED: 1909									
	Production (bushels).		Value.		Clover.		Timothy.		Alfalfa.		Millet.		All other.	
	1909	1899	1909	1899	Production (bushels).	Value.	Production (bushels).	Value.	Production (bushels).	Value.	Production (bushels).	Value.	Production (bushels).	Value.
United States.....	6,671,348	4,865,978	\$15,137,583	\$8,228,417	1,025,816	\$6,925,122	2,878,799	\$4,018,951	263,328	\$2,051,840	588,270	\$491,566	1,151,144	\$1,650,204
New England.....	5,431	2,198	10,369	6,987	59	2,361	1,713	3,988	.....	.....	3,014	2,953	222	510
Middle Atlantic.....	55,137	66,758	219,149	233,085	22,109	164,201	27,969	47,280	247	2,479	3,483	3,405	1,328	1,781
East North Central.....	2,157,957	1,696,878	6,320,630	4,631,031	746,820	5,021,888	345,471	538,557	1,068	5,103	35,213	5,022,252	1,029,393	708,621
West North Central.....	3,293,021	2,588,745	5,915,510	3,271,038	302,259	1,373,303	2,435,911	3,329,294	85,901	713,339	423,778	338,269	97,272	161,183
South Atlantic.....	78,352	46,513	198,638	122,422	17,365	115,078	13,628	21,456	2	20	2,260	2,943	45,064	59,141
East South Central.....	671,799	364,431	632,748	365,328	5,290	58,408	14,159	17,652	64	516	49,534	52,308	398,833	504,459
West South Central.....	59,624	26,076	275,441	19,845	2,118	11,573	1,497	2,545	15,194	147,685	29,166	32,890	11,649	29,146
Mountain.....	198,110	60,767	1,037,009	227,172	7,931	55,294	15,106	32,439	128,913	911,708	41,699	32,294	4,461	5,304
Pacific.....	179,906	42,744	380,274	92,403	18,514	122,607	3,334	6,690	32,049	270,988	88	170	125,921	179,819

Minor seeds.—Table 40 shows, for 1909, the acreage, quantity, and value of the minor seeds produced in the United States as a whole and in the states which lead in the production of each kind. Mustard seed is used mainly as a condiment and sunflower seed probably largely for poultry feed, but the other classes of seeds are for the most part raised for the purpose of planting.

It is probable that the quantities reported do not represent the entire production of these classes of seeds, as they were not listed by name in the census schedule. The combined acreage of all these classes of seeds in 1909 was only 81,308, and the total value \$769,000. Of the total acreage reported, 72,497 were devoted to sorghum cane seed. The quantity produced was reported to be 833,707 bushels, valued at \$544,322. Kansas, Nebraska, Texas, and Oklahoma lead in production.

It is believed that in most cases the acreage shown in this table for seeds is separate from and additional to the acreage of the corresponding products, and therefore does not involve duplication.

MINOR SEEDS—ACREAGE, PRODUCTION, AND VALUE: 1909.

KIND OF SEED AND STATE.	Acreage.	Production (bushels).	Value.
<b>Total.....</b>	<b>81,308</b>	<b>.....</b>	<b>\$768,625</b>
Sorghum cane seed, total.....	72,497	833,707	544,322
Colorado.....	704	9,147	5,799
Illinois.....	153	3,122	1,884
Kansas.....	53,796	656,522	404,229
Missouri.....	426	6,654	4,775
Nebraska.....	7,299	83,134	46,899
New Mexico.....	193	1,021	1,248
Oklahoma.....	4,220	30,433	22,079
Texas.....	5,483	38,693	50,255
All other states.....	341	5,569	6,654
Mustard seed:			
California.....	1,964	3,168,270	109,731
Sunflower seed, total.....	4,731	63,677	38,318
California.....	257	6,855	6,268
Illinois.....	3,969	49,004	44,539
Indiana.....	430	6,330	5,884
All other states.....	75	1,488	1,621
Hemp seed:			
Kentucky.....	563	5,416	20,007
Chaffin seed:			
Georgia.....	481	12,531	28,194
Broom corn seed, total.....	1,071	6,833	14,752
Illinois.....	30	1,011	5,050
New Mexico.....	184	583	1,627
Texas.....	430	1,216	2,404
All other states.....	155	4,023	4,671
Tobacco seed, total.....	(?)	1	1,780
Pennsylvania.....	1	1,290	1,400
All other states.....	(?)	1	289
All other seeds.....	(?)	.....	512

1 Expressed in pounds. 2 Less than 1 acre. 3 Includes golden seal seed and anise seed.

## HAY AND FORAGE.

The acreage devoted to hay and forage (Table 42) in 1909 was 72,281,000 and in 1899 was 61,691,000, representing an increase of 17.2 per cent. During the same period the production increased from 79,252,000 tons in 1899 to 97,454,000 in 1909, or 23 per cent, while the value of the crop reported in 1909 was \$824,000,000, or 70.2 per cent greater than that reported in 1899, \$484,000,000. In 1909 hay and forage occupied 15.1 per cent of all improved farm land and contributed 15 per cent of the total value of all crops. A map on page 385 shows the distribution of the hay and forage acreage among the states.

The hay and forage acreage in 1909 was equal to 37.8 per cent of that devoted to all cereals and 73.5 per cent of that occupied by corn alone, but was much larger than that of any of the other cereals. It was equivalent to 15.1 per cent of the improved farm land of the country, but it may be noted that, particularly in the regions west of the Mississippi River, considerable hay is harvested on land which has never been under the plow and which is probably mostly reported as unimproved land. Of the hay and forage acreage reported in 1900 over one-third was in the West North Central division. This division has an acreage nearly twice as great as the East North Central, which ranks second, and over three times as great as the Middle Atlantic, which ranks third. Among the states with a large acreage Iowa and New York are almost equally important, each having in excess of 5,000,000 acres. One other state, Nebraska, has over 4,000,000 acres, eight other states over 3,000,000 acres, four more over 2,000,000 acres, and seven have between 1,000,000 and 2,000,000 acres. The crop is thus more widely distributed than any cereal crop.

Table 41 gives the share of each geographic division and of the more important states in the hay and forage acreage, and the percentage which the acreage of this crop forms of the total improved land in farms in each division and state, together with the average yield per acre and the average value per ton and per acre.

Each of the 11 states here listed had at least 4 per cent of the total hay and forage acreage in the United States for 1909, and together they contained 58.9 per cent of this total. In only 3 of these states, Illinois, Missouri, and Kansas, does the proportion of improved land in farms which is devoted to hay and forage fall below the average for the United States. In New York the acreage of hay and forage is equal to about one-third of the improved land in farms, in Wisconsin and Pennsylvania to practically one-fourth, and in South Dakota and Minnesota to about one-fifth.

During the decade the New England and Middle Atlantic divisions lost slightly in acreage, but in the other divisions the gains, both absolute and relative, were for the most part considerable. In the two

divisions which lost in acreage there was a decrease in all the states except Vermont. In those divisions which had a greater acreage in 1909 than in 1899 the only states which did not share in the increase were Indiana and Kansas.

Table 41

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN TONS PER ACRE.		AVERAGE VALUE PER TON.		AVERAGE VALUE PER ACRE.	
	Per cent of Unimproved land.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	15.1	1.35	1.28	\$8.46	\$5.76	\$11.40	\$7.85
New England.....	5.3	32.3	1.23	1.13	12.69	9.48	15.57	10.78
Middle Atlantic.....	11.8	29.1	1.32	1.19	11.56	8.97	15.31	11.08
East North Central.....	20.4	16.6	1.38	1.22	9.66	6.26	12.52	8.37
West North Central.....	37.9	16.7	1.33	1.34	5.82	3.48	7.71	4.78
South Atlantic.....	4.0	8.9	1.02	1.02	12.97	9.06	13.25	13.38
East South Central.....	3.4	4.7	1.03	1.03	11.55	8.39	11.92	10.63
West South Central.....	4.9	6.9	1.03	1.48	8.89	3.98	9.09	6.16
Mountain.....	6.9	31.2	1.73	1.59	7.73	5.15	13.38	8.21
Pacific.....	5.8	19.1	1.73	1.44	10.19	6.31	37.69	9.96
Iowa.....	7.0	17.1	1.55	1.42	7.59	4.38	11.76	6.46
New York.....	7.9	34.0	1.49	1.23	10.96	6.65	16.34	10.72
Nebraska.....	6.3	18.5	1.28	1.24	5.49	3.19	7.02	3.98
Kansas.....	5.5	13.2	1.59	1.63	5.49	2.56	8.09	4.27
Minnesota.....	5.5	20.1	1.53	1.37	4.83	3.31	6.77	4.62
Missouri.....	5.0	14.8	1.13	1.17	8.27	4.73	9.33	5.88
South Dakota.....	4.8	21.7	1.06	1.04	4.18	2.50	4.44	2.60
Illinois.....	4.6	11.9	1.39	1.18	9.31	6.01	12.11	7.65
Ohio.....	4.6	17.2	1.37	1.20	9.37	6.93	12.81	9.63
Pennsylvania.....	4.3	24.4	1.19	1.15	12.41	9.23	14.77	11.47
Wisconsin.....	4.3	25.9	1.62	1.37	8.17	5.52	13.27	8.03

The average yield of hay and forage per acre in the United States in 1909 was 1.35 tons. This average was exceeded considerably in the Mountain and Pacific divisions, but of the more easterly divisions only the East North Central showed a yield larger than the average. The average yield per acre in the country as a whole was slightly greater in 1909 than in 1899. In one division only, the West South Central, was the yield appreciably smaller in 1909, though in three, the West North Central, East South Central, and South Atlantic, it was the same or practically the same in the two years. In only two of the states named in the table, Kansas and Missouri, was the yield per acre smaller in 1909 than 100 years earlier.

As the result of the increases in acreage or in yield per acre there was, in every division except the West South Central, an increase in the total yield. In that division the falling off in average yield more than balanced the effect of the increased acreage. In the New England and the Middle Atlantic divisions larger crops were harvested in 1909 than in 1899, in spite of a decrease in acreage. In the East North Central, Mountain, and Pacific divisions the percentages of increase in production were greater than those in acreage. In the West North Central division, where the largest crop was harvested, and in the East South Central and South Atlantic divisions the relative gain in production follows closely that in acreage. The unfavorable conditions in the Southwest are reflected by a decreased production in Oklahoma and Texas, where the acreage increased. In Kansas there was a relative decrease in production greater than that in acreage.

# FARM CROPS, BY STATES.

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## HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 12 DIVISION OR STATE.	ACREAGE.				PRODUCTION (TONS).					VALUE.				
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.			
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.		
<b>United States</b> .....	72,280,775	61,991,069	10,589,707	17.2	97,453,735	79,251,562	18,202,173	23.0	\$824,004,877	\$484,254,705	\$339,750,174	70.2		
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.....	3,797,598	4,050,025	-252,427	-6.2	4,659,906	4,576,885	83,041	1.8	59,112,700	43,662,239	15,450,461	35.4		
Middle Atlantic.....	8,532,793	8,809,616	-336,223	-3.8	11,302,178	10,551,446	750,732	7.1	130,611,620	98,297,195	32,314,425	32.9		
East North Central.....	14,770,875	13,528,065	1,222,813	9.0	20,391,562	16,462,276	3,929,286	23.9	184,707,528	115,904,644	68,803,884	59.4		
West North Central.....	27,398,238	22,147,977	5,250,281	23.7	30,326,167	29,626,329	6,629,638	22.3	211,335,443	105,962,302	105,343,081	99.4		
South Atlantic.....	2,856,398	2,161,201	695,197	32.2	2,917,570	2,194,115	723,575	33.0	37,836,676	28,926,411	8,910,245	30.8		
East South Central.....	2,487,554	1,513,370	974,184	64.4	2,565,716	1,563,909	1,001,807	64.1	29,644,661	16,079,741	13,564,920	84.4		
West South Central.....	3,276,291	2,370,292	905,999	38.2	3,383,010	3,519,416	-136,406	-3.9	29,783,321	14,583,492	15,199,829	104.2		
Mountain.....	4,965,543	3,582,560	1,382,983	38.6	8,600,736	5,707,443	2,893,293	50.7	66,442,108	29,424,635	37,017,473	125.8		
Pacific.....	4,215,463	3,468,563	746,900	21.5	7,306,509	4,979,563	2,327,027	46.7	74,960,820	31,414,504	43,546,316	137.3		
<b>NEW ENGLAND:</b>														
Maine.....	1,255,011	1,270,254	-15,243	-1.2	1,113,095	1,133,932	-20,837	-1.8	15,115,821	10,641,546	4,474,275	42.0		
New Hampshire.....	529,817	615,042	-85,225	-13.9	582,454	653,265	-70,811	-10.8	7,846,143	6,336,252	1,509,891	23.8		
Vermont.....	1,030,618	1,006,375	24,243	2.4	1,502,730	1,329,972	172,758	13.0	10,335,530	10,544,525	5,700,705	54.9		
Massachusetts.....	519,503	610,023	-90,520	-14.8	831,955	848,950	-16,995	-2.0	11,280,989	9,056,554	2,224,135	24.6		
Rhode Island.....	61,327	69,776	-8,449	-12.1	80,306	75,410	4,896	6.5	1,309,717	1,081,482	228,235	21.1		
Connecticut.....	401,322	478,555	-77,233	-16.1	549,366	535,336	14,030	2.6	7,224,500	6,001,280	1,223,220	20.4		
<b>MIDDLE ATLANTIC:</b>														
New York.....	5,943,373	5,154,965	-788,408	-15.3	7,055,429	6,319,475	735,954	11.6	77,360,645	55,237,446	22,123,199	40.1		
New Jersey.....	401,315	444,610	-43,295	-9.7	569,442	465,137	104,305	22.4	7,627,402	5,544,970	2,082,432	37.6		
Pennsylvania.....	3,088,105	3,209,441	-181,336	-5.5	3,677,307	3,706,834	-89,527	-2.4	45,623,573	37,514,779	8,108,794	21.6		
<b>EAST NORTH CENTRAL:</b>														
Ohio.....	3,306,461	3,015,361	291,200	9.7	4,521,409	3,629,722	891,687	24.6	42,357,364	23,047,532	13,309,832	45.8		
Indiana.....	2,300,579	2,442,414	-141,835	-5.8	2,850,104	2,905,608	-55,504	-2.0	24,883,461	20,227,197	4,656,264	23.0		
Illinois.....	3,349,435	3,343,910	5,525	0.2	4,354,465	3,948,563	405,903	10.3	40,560,220	25,568,619	14,991,601	58.6		
Michigan.....	2,715,301	2,328,438	386,863	16.6	3,632,939	2,703,214	929,725	34.4	40,040,087	21,792,967	14,247,100	65.4		
Wisconsin.....	3,072,102	2,397,982	684,120	28.5	5,002,644	3,275,169	1,727,475	52.7	8,866,986	19,267,709	21,988,067	112.1		
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....	3,946,072	3,157,690	788,382	25.0	6,096,747	4,339,328	1,697,419	39.1	26,724,801	14,585,281	12,139,520	83.2		
Iowa.....	5,046,185	4,649,378	396,807	8.5	7,823,181	6,600,169	1,223,012	18.5	59,360,225	30,042,246	29,317,979	97.6		
Missouri.....	3,628,348	3,481,506	146,842	4.2	4,091,342	4,062,199	29,143	0.7	33,845,094	20,467,301	13,377,793	65.4		
North Dakota.....	2,864,218	1,410,534	1,453,684	103.1	3,010,401	1,747,990	1,263,011	72.3	12,368,014	5,182,917	7,185,097	138.6		
South Dakota.....	3,435,656	2,287,875	1,147,781	50.2	3,631,024	2,378,392	1,252,632	53.5	15,243,661	5,954,229	9,289,435	156.0		
Nebraska.....	4,520,034	2,823,632	1,696,402	60.1	5,776,475	3,302,380	2,474,095	74.9	31,729,091	11,230,901	20,498,790	182.5		
Kansas.....	3,957,743	4,337,342	-379,597	-8.8	5,936,997	7,066,671	-1,129,674	-16.0	62,933,954	18,499,287	13,584,667	73.2		
<b>SOUTH ATLANTIC:</b>														
Delaware.....	80,669	74,800	5,869	7.8	103,575	79,303	24,272	30.6	1,174,473	980,849	184,625	18.7		
Maryland.....	398,842	374,848	23,994	6.4	477,564	415,197	62,367	15.0	6,011,749	4,709,072	1,302,677	27.7		
District of Columbia.....	902	1,228	-326	-21.7	2,148	2,241	-93	-4.2	25,633	23,772	2,861	12.6		
Virginia.....	773,577	612,962	160,615	26.2	823,383	627,979	195,404	31.1	10,256,938	7,670,082	2,586,856	33.7		
West Virginia.....	708,900	601,935	106,965	17.8	639,104	544,084	95,020	15.1	7,492,747	5,517,073	1,975,674	35.8		
North Carolina.....	375,726	223,998	151,727	68.4	369,332	246,820	122,512	49.6	4,781,592	4,242,961	530,001	12.7		
South Carolina.....	209,767	106,124	103,643	97.7	186,131	108,889	77,245	70.9	3,189,122	2,304,734	884,388	38.4		
Georgia.....	253,157	137,312	115,845	84.4	261,233	150,224	111,009	74.0	4,056,907	3,034,992	1,021,915	33.7		
Florida.....	54,729	21,994	32,735	148.8	55,900	22,381	32,919	147.1	967,485	435,297	412,188	94.7		
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.....	966,477	683,139	283,238	41.5	937,241	655,066	302,175	46.1	10,306,344	6,109,647	4,205,697	68.9		
Tennessee.....	1,052,816	645,617	407,199	63.1	1,077,836	679,450	398,386	58.6	12,617,338	6,811,577	5,805,901	85.2		
Alabama.....	238,656	85,333	153,303	179.6	251,403	100,061	151,342	151.2	3,337,132	1,707,638	1,649,494	93.6		
Mississippi.....	229,705	99,261	130,444	131.4	279,236	129,332	149,904	115.9	3,363,647	1,459,879	1,903,768	130.4		
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	435,915	239,426	196,489	83.1	461,817	271,616	190,201	70.0	4,587,139	1,913,163	2,673,976	155.4		
Louisiana.....	1,840,811	97,136	1,843,675	181.1	245,815	163,443	82,372	50.4	4,433,101	1,333,118	1,079,983	79.8		
Oklahoma.....	1,317,208	11,095,706	231,892	2.0	1,417,533	1,617,905	-200,372	-12.4	4,638,648	4,627,761	5,615,887	139.6		
Texas.....	1,311,967	938,024	373,943	39.9	1,257,845	1,466,452	-208,607	-14.2	12,824,433	7,294,450	5,529,983	75.5		
<b>MOUNTAIN:</b>														
Montana.....	1,135,376	875,712	259,664	29.7	1,602,656	1,059,268	543,388	59.8	12,344,606	5,974,850	6,369,756	106.6		
Idaho.....	732,886	513,656	219,230	42.7	1,584,305	899,125	685,240	76.2	12,099,963	4,238,993	7,860,970	185.4		
Wyoming.....	585,386	389,769	204,617	53.7	883,515	402,101	391,414	84.7	6,077,354	2,332,028	3,745,326	161.6		
Colorado.....	1,285,964	922,214	323,850	35.0	2,241,566	1,643,347	398,219	36.4	47,282,276	18,129,979	29,122,997	110.8		
New Mexico.....	368,409	87,358	281,051	321.7	431,033	195,324	235,729	120.7	4,469,709	1,427,317	3,042,392	213.2		
Arizona.....	102,490	92,674	9,816	10.6	259,750	177,504	82,246	46.3	2,553,228	1,302,112	1,191,116	87.4		
Utah.....	405,394	388,943	17,451	4.5	1,015,913	850,962	164,951	19.4	7,429,901	3,862,820	3,567,081	92.3		
Nevada.....	350,588	292,134	58,450	20.0	521,918	419,812	102,106	24.3	4,185,071	2,067,296	2,117,775	102.4		
<b>PACIFIC:</b>														
Washington.....	742,137	497,139	244,998	49.3	1,301,064	826,897	564,767	68.3	17,147,648	5,831,088	11,316,560	194.1		
Oregon.....	939,979	731,823	208,156	28.4	1,587,796	1,117,400	470,396	42.1	15,225,957	6,147,018	9,078,939	147.7		
California.....	2,533,347	2,239,601	293,746	13.1	4,327,130	1,291,861	3,035,269	42.6	42,187,215	19,456,308	22,730,817	117.1		

† Includes Indian Territory.

A considerable increase is noted in the average value per ton in 1909 (\$8.46) as compared with 1899 (\$5.76), and this combined with a larger yield per acre resulted in an even greater advance in the value of the crop per acre. As a result of this fact, together with the large increase in acreage, the total value of the hay and

forage crop in 1909 was greatly in excess of that in 1899, representing an increase of \$339,750,000, or 70.2 per cent.

The component elements of the hay and forage crop and their distribution among the several geographic divisions are exhibited in Table 43.

Table 43

## ACREAGE OF HAY AND FORAGE AND THE CLASSES THEREOF: 1909

DIVISION OR SECTION.	All hay and forage.	Timothy alone.	Timothy and clover mixed.	Clover alone.	Alfalfa.	Millet or Hungarian grass.	Other tame or cultivated grasses.	Wild, salt, or prairie grasses.	Grains cut green.	Coarse forage.	Root forage.
<b>United States.....</b>	<b>72,280,776</b>	<b>14,688,393</b>	<b>19,542,382</b>	<b>2,443,263</b>	<b>4,707,146</b>	<b>1,117,769</b>	<b>4,218,957</b>	<b>17,186,822</b>	<b>4,324,878</b>	<b>4,034,432</b>	<b>18,054</b>
New England.....	3,797,498	565,067	1,756,188	15,097	1,255	32,625	1,100,999	99,968	79,404	115,623	402
Middle Atlantic.....	8,532,793	2,306,312	4,818,714	138,532	41,654	28,285	649,068	108,292	77,228	353,697	983
East North Central.....	14,750,878	6,192,134	5,508,367	1,168,494	90,229	78,322	290,202	588,666	166,218	666,620	2,165
West North Central.....	27,398,258	3,942,465	5,571,387	546,537	1,778,369	581,212	464,071	12,956,493	242,044	1,314,507	873
South Atlantic.....	2,836,398	680,159	917,333	148,312	1,778,369	8,710	39,423	390,176	104,800	586,161	130,141
East South Central.....	2,487,554	473,619	428,163	287,367	41,784	122,550	574,795	119,025	349,829	99,494	18
West South Central.....	3,276,251	48,779	79,774	28,835	290,157	183,046	239,018	1,064,778	305,257	1,036,556	33
Mountain.....	4,963,543	335,099	328,373	23,310	1,758,326	99,395	333,559	1,645,734	273,906	382,926	8,315
Pacific.....	4,215,463	142,189	234,203	66,851	699,461	3,711	179,991	499,366	2,336,991	46,658	6,042
The North.....	54,479,527	13,035,948	17,654,656	1,888,570	1,911,508	718,444	2,994,418	13,752,819	559,994	2,448,747	4,423
The South.....	8,630,243	1,172,537	1,425,250	464,332	340,651	386,019	1,203,989	1,288,603	1,152,287	1,236,101	254
The West.....	9,181,006	477,888	462,476	90,161	2,451,987	63,306	510,550	2,145,100	2,612,567	349,584	14,357
East of the Mississippi.....	32,435,221	10,217,261	13,428,745	1,777,712	183,633	290,205	3,005,318	1,020,151	1,164,940	1,338,485	3,771
West of the Mississippi.....	39,845,555	4,469,132	6,113,637	665,551	4,523,513	827,564	1,213,639	16,166,371	3,159,938	2,700,947	15,283

The most prominent classes included in the table are, in the order of importance as measured by acreage, timothy and clover mixed, "wild, salt, or prairie grasses," "timothy alone," alfalfa, grains cut green, "other tame or cultivated grasses," and coarse forage.

The table brings out clearly the predominance of the North in the growing of hay and forage, the area devoted to these crops being over six times as great in the North as in the South. In the West, also, a somewhat larger area is devoted to these crops than in the South. The predominance of the North is evident in the case of each of the individual crops except alfalfa, grains cut green, and root forage, which are more extensively grown in the West than elsewhere; these crops, together with "wild, salt, or prairie grasses," are the only hay and forage crops that cover a greater acreage in the West than in the South. In the West South Central division there is a considerable acreage of "wild, salt, or prairie

grasses" and about the same acreage of coarse forage, which, however, forms a much larger proportion of the total, causing the division to rank second in the acreage of the latter crop.

More than half of the entire acreage in hay and forage is west of the Mississippi River, but the individual crops are quite differently distributed. East of the Mississippi is found by far the greater part of the acreage devoted to timothy alone, clover alone, timothy and clover mixed, and "other tame or cultivated grasses." These classes cover an aggregate of 40,891,000 acres, of which 28,429,000 are east of the Mississippi River.

Of the other hay and forage crops included in this table, the greater part of the acreage is west of the Mississippi River. This excess is considerable in the case of the important group of "wild, salt, or prairie grasses" and of alfalfa, but is not so marked for the other hay and forage crops.

## VEGETABLES.

**Potatoes** (Table 46).—Potatoes were harvested in 1909 from 3,669,000 acres, as compared with 2,939,000 acres in 1899, an increase of 24.8 per cent. On the other hand, the production of potatoes increased 42.4 per cent, being in 1909, 389,000,000 bushels, and in 1899, 273,000,000 bushels, while the value of the crop increased in still greater degree, from \$98,000,000 in 1899 to \$166,000,000 in 1909, or 69.2 per cent. The crop occupied 0.8 per cent of the total acreage of improved farm land in 1909, and represented 3 per cent of the value of all crops. There is a considerable acreage of potatoes in each of the geographic divisions, but more than three-fourths of the entire acreage is in the four northern divisions. Among the states, New York has the largest acreage, closely followed by Michigan.

The increase in the acreage of potatoes between 1899 and 1909 for the United States as a whole was 730,000 acres, or 24.8 per cent, in which increase all divisions shared to some extent. Both in the East North Central and in the West North Central divisions there were nearly 150,000 acres added to the area harvested. Conspicuous gains in aggregate acreage are also noted in the Mountain, South Atlantic, and Pacific divisions. The percentage of increase in potato acreage is greatest in the Mountain division, where the acreage more than doubled. The four divisions constituting the North increased their potato acreage less rapidly than the rest of the country. The New England division is the only one in this section in which the rate of increase for the decade was greater than the average for the United States as a whole.

Table 44 gives percentages and averages derived mainly from Table 46.

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHEL PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States proved total.	Per cent of im-States proved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	0.8	106.1	93.0	\$0.43	\$0.36	\$45.36	\$33.48
New England.....	6.4	3.2	176.9	130.3	0.42	0.43	74.89	56.06
Middle Atlantic.....	19.9	2.5	107.5	95.2	0.48	0.41	51.15	39.54
East North Central.....	30.1	1.2	100.9	84.6	0.34	0.31	33.84	26.64
West North Central.....	21.4	0.5	91.9	95.4	0.42	0.26	38.29	24.36
South Atlantic.....	6.5	0.5	92.2	77.2	0.64	0.55	38.77	42.49
East South Central.....	3.3	0.3	82.1	63.0	0.61	0.52	49.70	33.94
West South Central.....	3.2	0.2	63.0	66.8	0.73	0.50	46.19	33.33
Mountain.....	4.6	1.1	142.8	112.8	0.36	0.41	31.29	46.43
Pacific.....	4.6	0.8	131.4	129.2	0.45	0.41	58.71	53.06
New York.....	10.7	2.7	123.2	96.2	0.42	0.39	51.58	37.96
Michigan.....	10.0	2.8	104.6	75.3	0.26	0.29	27.13	21.67
Wisconsin.....	7.9	4.4	110.2	95.9	0.25	0.24	27.29	22.68
Pennsylvania.....	7.1	2.4	103.5	80.5	0.55	0.43	46.70	41.34
Minnesota.....	6.1	1.1	119.8	99.8	0.29	0.23	34.30	23.24
Ohio.....	5.8	1.1	95.5	81.8	0.46	0.42	44.07	34.31
Iowa.....	4.6	0.6	86.8	98.4	0.45	0.22	39.10	22.01
Illinois.....	3.8	0.5	88.1	94.9	0.53	0.36	46.37	34.46
Maine.....	3.7	5.8	210.3	132.7	0.36	0.41	31.29	46.43
Nebraska.....	3.0	0.5	73.0	97.0	0.47	0.22	34.05	21.73

Potatoes are grown on less than 1 per cent of the improved farm land of the country, but in the New England division the proportion exceeds 3 per cent and in the Middle Atlantic division it exceeds 2 per cent. Among the leading states Maine shows much the highest proportion of improved farm land devoted to potatoes, 5.8 per cent. Aroostook County, Me., far exceeds any other county in the United States in the production of potatoes.

The yield per acre in 1909 for the United States, 106.1 bushels, was greatly exceeded in the New England division. High yields were also reported in the Mountain and Pacific divisions, while the Middle Atlantic and East North Central divisions conformed more closely to the average. Among the chief producing states, Maine shows an extraordinary yield per acre, but the other states do not depart so widely from the general average. The yield per acre was greater in 1909 than in 1899 in the United States as a whole and in all divisions except the West North Central and West South Central.

The value per bushel was higher in 1909 than in 1899 in the country as a whole and in all but two of the divisions, but the increase was much less marked than in the case of the cereal crops. The average value of the crop per acre, by reason of the increased average yield, increased to a somewhat greater degree than the average value per bushel.

**Sweet potatoes and yams (Table 47).<sup>2</sup>**—The acreage of this crop in 1909, 641,000, was greater by nearly one-fifth than that of 1899, 537,000. The absolute increase was not widely different in the three southern divisions, though it was smallest in the South Atlantic and greatest in the West South Central. There was a wider difference in the percentage of increase, which was over three times as great in the West South Central division as in the South Atlantic. The greatest absolute gain in acreage in any state was in Louisiana.

The production in 1909 was 59,232,000 bushels and in 1899, 42,517,000 bushels, the increase for the decade being 39.3 per cent, a relative gain twice as great as that in acreage. The greatest absolute gain was in the South Atlantic division, but the percentage of gain was less than that in either of the other southern divisions, though not so much smaller as in the case of acreage.

In the value of the yield there was a great increase, the aggregate crop of 1909 being valued at \$35,429,000 (equal to 0.6 per cent of the value of all crops), or 78.3 per cent more than that of 1899. In the East South Central division the value was more than twice as great, and in the West South Central division nearly twice as great, as in 1899. In the South Atlantic division the aggregate value of the crop was three-fourths greater than in 1899.

Including insignificant areas in the New England and Mountain divisions, sweet potatoes and yams, as shown by Table 47, are represented in all divisions, though the three southern divisions, led by the South Atlantic, contained in 1909 over 90 per cent of the entire acreage of this crop. In these divisions North Carolina and Georgia had each somewhat over 84,000 acres in sweet potatoes and yams, while Alabama, Mississippi, and Louisiana likewise had acreages in excess of 50,000. Table 45 gives figures derived mainly from Table 47.

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHEL PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States proved total.	Per cent of im-States proved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	0.1	92.4	79.1	\$0.69	\$0.47	\$55.25	\$36.98
Middle Atlantic.....	3.7	0.1	139.0	110.4	0.49	0.51	68.31	55.99
East North Central.....	2.1	(1)	102.6	65.2	0.55	0.62	56.84	40.26
West North Central.....	2.4	(1)	110.3	84.4	0.65	0.54	71.24	45.62
South Atlantic.....	46.1	0.6	100.1	82.0	0.84	0.42	54.57	34.80
East South Central.....	25.1	0.4	84.4	69.3	0.67	0.52	56.71	35.83
West South Central.....	19.7	0.2	71.4	73.4	0.69	0.50	49.67	36.69
All other divisions.....	0.9	(2)	(7)	(2)	(7)	(2)	(7)	(2)
North Carolina.....	13.2	1.0	109.2	84.1	0.51	0.37	51.14	30.84
Georgia.....	13.1	0.7	88.4	72.0	0.59	0.46	51.76	33.34
Alabama.....	10.4	0.7	78.8	68.0	0.67	0.49	53.29	33.17
Louisiana.....	8.9	1.1	74.6	68.2	0.55	0.46	41.40	31.41
Mississippi.....	8.7	0.6	79.0	73.8	0.69	0.52	54.84	38.22

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Not calculated because of unimportance of crop.

It will be noted that the South Atlantic division is the only geographic division in which these crops are grown on as much as one-half of 1 per cent of the improved farm land. An average yield of 92.4 bushels per acre was reported for the country as a whole in 1909. This was exceeded in the leading division, the South Atlantic, but was not attained in either of the other southern divisions, where the acreage was considerable. In both the South Atlantic and the East South Central divisions the yield per acre was greater in 1909 than in 1899. Better prices were obtained in 1909 than in 1899, and this, combined with larger average yields, brought about a considerably higher value per acre for the crop, which was common to all divisions.

## POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 46 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States</b> .....	3,668,855	2,938,778	730,077	24.8	389,194,985	273,318,167	115,876,798	42.4	\$166,423,910	\$88,380,110	\$68,043,800	69.2
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	233,095	180,025	53,070	29.5	41,245,977	23,466,222	17,779,755	75.8	17,456,938	10,092,191	7,364,747	73.0
Middle Atlantic.....	729,323	676,403	52,920	7.8	78,305,736	64,372,759	14,022,977	21.8	37,292,509	26,606,645	10,685,864	40.1
East North Central.....	1,106,032	967,193	148,839	15.0	111,606,777	80,988,131	30,618,646	37.8	37,427,211	25,501,069	11,926,142	46.8
West North Central.....	783,813	637,184	146,629	23.5	72,067,551	60,312,316	11,755,235	18.5	30,088,015	15,524,932	14,563,083	59.3
South Atlantic.....	239,762	157,481	82,281	52.2	22,102,630	12,150,748	9,951,882	81.9	14,091,735	6,691,072	7,400,663	110.6
East South Central.....	119,541	80,138	39,403	49.2	9,816,160	5,051,854	4,764,306	94.3	5,940,784	2,647,924	3,292,860	124.4
West South Central.....	117,761	72,576	44,835	61.6	7,413,587	4,867,502	2,546,325	52.3	5,439,504	2,428,721	3,010,783	134.0
Mountain.....	169,678	80,226	89,452	111.5	24,232,109	9,046,736	15,185,373	167.9	8,715,380	3,725,046	4,990,334	124.0
Pacific.....	169,850	97,202	72,598	74.6	22,314,138	12,561,839	9,752,299	77.6	9,971,834	5,160,510	4,811,324	93.2
<b>NEW ENGLAND:</b>												
Maine.....	135,799	71,705	64,034	89.2	28,556,837	9,813,748	18,743,089	191.0	10,224,714	3,711,999	6,512,715	175.5
New Hampshire.....	17,370	19,422	-2,052	-10.6	2,360,241	2,420,668	-60,427	-2.5	1,204,626	1,090,448	114,131	10.5
Vermont.....	26,859	28,353	-1,494	-5.3	4,145,630	3,547,829	597,801	16.8	1,743,090	1,333,730	409,319	30.7
Massachusetts.....	24,459	27,521	-3,062	-11.1	2,946,178	3,346,590	-400,412	-12.0	1,933,923	1,800,937	102,896	16.7
Rhode Island.....	4,649	5,816	-1,167	-20.1	552,677	843,833	-291,176	-34.5	408,429	440,372	-31,943	-7.3
Connecticut.....	23,939	27,148	-3,189	-11.7	2,684,414	3,493,534	-809,120	-23.2	1,828,197	1,714,608	107,539	9.8
<b>MIDDLE ATLANTIC:</b>												
New York.....	394,318	365,640	-1,321	-0.3	48,597,701	38,060,471	10,537,230	27.7	20,338,766	15,019,135	5,319,631	35.4
New Jersey.....	72,991	52,896	20,035	38.0	8,057,424	4,542,816	3,514,608	77.4	4,979,900	2,192,456	2,787,444	127.1
Pennsylvania.....	262,013	227,867	34,146	15.0	21,740,611	21,709,472	-31,139	-0.1	11,973,843	9,397,054	2,576,789	27.4
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	212,893	167,690	45,218	27.0	20,322,084	13,796,238	6,613,746	48.2	9,377,055	5,750,065	3,627,887	63.1
Indiana.....	90,504	84,245	6,259	18.1	8,905,679	6,209,080	2,696,599	43.4	3,816,120	2,463,074	1,353,052	54.9
Illinois.....	135,052	136,464	1,588	1.2	12,156,091	12,851,871	-785,780	-6.1	6,401,508	4,702,633	1,698,865	36.1
Michigan.....	365,483	311,963	53,520	17.2	38,243,828	23,476,444	14,767,254	62.9	9,913,778	6,759,342	3,154,436	46.7
Wisconsin.....	290,183	256,931	33,254	12.9	31,968,195	24,641,498	7,326,697	29.7	7,947,754	5,826,532	2,091,202	35.9
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	223,662	166,659	77,033	46.2	26,802,948	14,643,327	12,159,621	83.0	7,655,259	3,408,997	4,276,262	125.4
Iowa.....	159,567	175,888	-6,321	-3.5	17,430,247	17,305,919	-125,672	-0.7	6,629,234	6,870,746	-2,758,488	-74.8
Missouri.....	96,239	93,915	2,344	2.5	7,796,410	7,786,623	9,787	0.1	4,470,135	2,756,695	1,713,440	62.3
North Dakota.....	54,067	21,936	32,131	146.5	5,551,430	2,257,530	3,294,090	145.9	2,079,125	587,408	1,491,627	253.9
South Dakota.....	50,052	33,567	16,485	49.1	3,441,692	2,909,914	531,778	18.3	1,967,550	680,530	1,287,020	189.1
Nebraska.....	111,151	79,901	31,250	39.1	8,117,775	7,817,438	300,337	3.8	3,781,224	1,734,656	2,046,558	118.2
Kansas.....	79,025	85,318	-6,293	-7.4	5,647,049	8,091,745	-2,444,696	-30.2	3,471,488	2,455,800	985,688	39.7
<b>SOUTH ATLANTIC:</b>												
Delaware.....	9,703	5,755	3,948	68.6	880,360	414,610	465,750	112.3	300,000	221,411	231,989	104.8
Maryland.....	39,299	26,472	12,827	48.5	3,444,311	1,991,357	1,452,954	73.0	1,782,964	1,020,043	762,961	74.8
District of Columbia.....	226	194	32	16.5	32,028	15,586	16,442	105.5	5,203	9,546	-4,343	-45.4
Virginia.....	86,927	51,021	35,906	70.4	8,770,778	4,409,672	4,361,106	98.9	5,667,557	2,494,627	3,172,930	127.9
West Virginia.....	42,621	30,123	12,498	41.5	4,077,066	2,245,821	1,831,245	81.5	2,278,638	1,133,331	1,145,237	101.5
North Carolina.....	31,990	23,619	8,371	35.4	2,372,260	1,636,445	735,815	45.0	1,755,413	862,509	892,904	103.1
South Carolina.....	8,610	8,068	542	6.7	782,430	651,916	130,514	20.0	609,424	435,468	173,956	39.9
Georgia.....	11,877	8,477	3,400	40.1	886,430	553,129	333,301	60.3	674,427	326,853	357,574	109.4
Florida.....	8,509	3,752	4,757	126.8	856,967	232,212	624,755	269.0	839,691	187,274	652,417	348.4
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	55,750	37,160	18,590	50.0	5,120,141	2,661,774	2,458,367	92.4	2,734,043	1,200,100	1,403,943	116.2
Tennessee.....	40,963	27,103	13,860	51.1	2,922,713	1,404,097	1,518,616	108.2	1,700,233	817,419	972,814	119.0
Alabama.....	13,486	9,505	4,981	52.4	1,128,564	587,711	540,833	92.0	884,497	324,628	559,869	172.5
Mississippi.....	8,342	6,370	1,972	31.0	644,742	398,272	246,470	61.9	542,011	245,777	296,234	120.5
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	29,719	26,486	3,233	12.2	2,096,893	1,783,969	312,924	17.5	1,439,991	835,140	584,851	68.4
Louisiana.....	19,655	9,220	10,435	113.2	1,183,325	549,280	634,245	115.5	924,311	309,092	615,229	199.0
Oklahoma.....	32,295	115,360	-82,635	-110.3	1,897,486	1,191,997	705,489	59.2	1,250,031	539,354	710,688	131.8
Texas.....	36,092	21,810	14,282	65.5	2,235,983	1,342,316	893,667	66.6	1,825,150	725,145	1,100,005	151.7
<b>MOUNTAIN:</b>												
Montana.....	20,710	9,643	11,067	115.4	3,240,696	1,332,062	1,908,634	143.3	1,298,330	661,163	637,067	96.4
Idaho.....	28,341	9,313	19,028	204.3	4,710,262	1,035,290	3,674,972	355.0	1,583,447	442,459	1,140,988	257.8
Wyoming.....	8,333	2,969	5,364	196.7	932,162	202,338	669,824	265.3	324,489	138,368	186,121	279.1
Colorado.....	55,839	44,075	11,764	26.7	11,780,674	4,465,748	7,314,926	163.8	3,204,768	1,717,111	1,987,657	115.8
New Mexico.....	6,230	1,122	5,108	455.3	295,255	72,613	222,642	306.6	234,636	49,552	185,084	373.5
Arizona.....	1,131	626	505	83.9	97,141	33,927	63,214	186.3	88,597	33,928	64,669	190.6
Utah.....	14,210	10,483	3,727	36.2	2,469,068	1,483,570	925,523	62.4	873,961	487,816	386,145	79.2
Nevada.....	4,864	2,235	2,629	117.6	766,826	361,188	405,638	112.3	396,652	194,619	202,033	108.8
<b>PACIFIC:</b>												
Washington.....	47,897	25,119	22,778	120.5	7,667,171	3,557,876	4,109,288	115.5	2,963,727	1,312,948	1,650,780	128.0
Oregon.....	44,265	39,635	4,630	11.7	4,822,962	3,761,367	1,061,595	28.2	2,068,645	1,210,034	858,614	73.4
California.....	07,688	42,098	-25,590	-60.8	4,824,065	5,242,596	-4,581,409	-87.4	4,879,449	2,037,528	2,241,921	85.0

1 Includes Indian Territory.

# FARM CROPS, BY STATES.

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## SWEET POTATOES AND YAMS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 47 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States</b> .....	<b>841,255</b>	<b>537,312</b>	<b>103,943</b>	<b>19.3</b>	<b>59,232,070</b>	<b>42,517,412</b>	<b>16,714,658</b>	<b>39.3</b>	<b>\$35,429,176</b>	<b>\$19,809,840</b>	<b>\$15,559,336</b>	<b>78.3</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	49	8	41	( <sup>1</sup> )	4,818	567	4,251	749.7	4,543	346	4,197	1,210.1
Middle Atlantic.....	23,923	24,104	-181	-0.8	3,326,190	2,602,949	664,144	24.9	1,638,942	1,349,588	289,314	21.4
East North Central.....	13,300	15,394	-2,094	-13.6	1,364,256	1,004,277	359,979	35.9	751,929	619,833	132,096	21.3
West North Central.....	15,381	17,660	-2,279	-12.9	1,696,111	1,491,275	204,836	13.7	1,095,724	895,669	200,055	26.0
South Atlantic.....	295,879	263,925	31,954	12.1	29,628,133	21,881,977	7,746,176	35.4	16,146,222	9,183,650	6,962,572	75.8
East South Central.....	160,755	126,586	34,170	27.0	13,573,360	8,772,133	4,801,447	54.7	9,116,510	4,536,187	4,580,323	101.0
West South Central.....	126,407	87,780	38,627	44.0	9,025,928	6,430,547	2,595,381	40.2	6,265,750	3,220,505	3,045,155	94.6
Mountain.....	439	109	330	159.8	38,877	19,964	18,913	103.9	52,596	14,207	38,389	270.2
Pacific.....	5,121	1,686	3,435	203.7	574,157	246,526	327,631	132.9	337,000	139,765	217,235	155.4
<b>MIDDLE ATLANTIC:</b>												
New Jersey.....	22,504	20,588	1,916	9.3	3,186,499	2,418,641	767,858	31.7	1,527,074	1,213,010	314,064	25.9
Pennsylvania.....	1,306	3,443	-2,137	-62.1	128,770	234,724	-105,954	-45.1	104,434	130,990	-26,556	-20.3
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1,143	3,796	-2,653	-69.9	133,798	249,707	-115,909	-46.4	104,181	158,103	-53,922	-34.1
Indiana.....	1,561	3,989	-2,428	-60.9	178,300	239,487	-61,187	-25.5	139,886	155,385	-15,499	-10.1
Illinois.....	10,568	7,534	3,034	40.3	1,050,922	511,095	539,237	105.4	506,760	303,638	203,122	66.9
<b>WEST NORTH CENTRAL:</b>												
Iowa.....	2,274	2,688	-414	-15.4	232,413	224,627	7,791	3.5	125,763	128,981	-3,218	-2.5
Missouri.....	7,928	9,844	-1,906	-19.4	876,234	743,377	132,857	17.9	567,413	424,470	142,943	33.7
Kansas.....	4,883	4,570	313	6.8	558,021	474,810	83,211	17.5	373,432	224,049	149,383	66.7
<b>SOUTH ATLANTIC:</b>												
Delaware.....	5,229	2,955	2,264	130.9	733,740	222,165	511,581	230.3	276,679	96,566	180,113	186.5
Maryland.....	7,596	6,469	1,127	23.0	1,065,956	677,848	388,108	57.3	483,751	317,462	166,289	52.4
Virginia.....	40,838	40,681	157	0.4	5,270,202	4,470,002	799,600	17.9	2,681,472	1,720,188	961,284	55.9
West Virginia.....	2,079	3,993	-1,914	-38.7	215,582	202,424	13,158	6.5	170,086	125,523	44,563	35.5
North Carolina.....	84,740	68,730	16,010	23.3	8,493,283	5,781,587	2,711,696	46.9	4,333,257	2,119,856	2,213,401	104.4
South Carolina.....	48,873	48,831	42	0.1	4,319,929	3,309,957	949,959	28.2	2,096,096	1,558,205	1,068,401	68.5
Georgia.....	84,033	70,620	13,418	19.0	7,426,131	5,987,674	1,438,457	46.0	4,349,808	2,354,290	1,995,518	84.8
Florida.....	21,995	22,791	-796	-3.5	2,083,665	2,049,784	33,881	1.7	1,231,238	898,282	332,956	37.1
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	11,882	14,178	-2,296	-16.2	1,326,245	925,786	400,459	43.3	839,454	507,038	332,416	65.6
Tennessee.....	26,216	23,374	2,842	12.2	2,504,490	1,571,575	932,915	59.4	1,625,056	883,020	741,436	83.9
Alabama.....	66,013	50,865	15,148	31.0	5,314,837	3,457,386	1,857,451	53.7	3,578,710	1,687,039	1,891,671	112.1
Mississippi.....	56,045	38,169	17,876	46.8	4,427,988	2,817,386	1,610,602	57.2	2,373,250	1,458,400	1,614,850	110.7
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	22,388	13,271	9,117	68.7	1,685,308	998,767	686,541	68.7	1,339,669	534,016	825,053	154.3
Louisiana.....	56,953	27,372	29,581	108.1	4,251,066	1,865,482	2,385,604	127.9	2,337,729	830,733	1,497,996	174.4
Oklahoma.....	5,056	93,576	-1,480	41.4	359,451	1276,163	-916,712	-30.9	350,553	1,137,231	-786,678	-155.2
Texas.....	42,010	43,561	-1,551	-3.6	2,730,083	3,299,135	-569,052	-17.2	2,107,799	1,689,015	508,784	30.1
<b>PACIFIC:</b>												
California.....	5,111	1,607	3,504	218.0	572,814	239,029	333,785	139.6	355,624	135,612	220,012	162.2

<sup>1</sup> Per cent not calculated where base is less than 100.

\* Includes Indian Territory.

**Other vegetables (Table 48).**—Except for potatoes and sweet potatoes and yams, which are generally grown in considerable quantities, it is practically impossible to obtain a correct total of the acreage, production, or value of individual kinds of vegetables. Enumerators were instructed to obtain from every farm a separate report for any vegetable grown for sale in considerable quantities, and in all cases to ascertain the total acreage in vegetables of all classes combined, whether grown for farm use or for sale, and the total value of the product. It is scarcely likely, however, that the total acreage and value reported are as accurate in the case of vegetables as in the case of the major crops, since on many farms the production of vegetables is practically confined

to small kitchen gardens. In fact, 707,763 farms reported farm gardens in which vegetables other than potatoes were grown for farm use, but failed to give any acreage or value. In all probability, therefore, the totals obtained from the returns are understated.

In tabulating the statistics the Census Bureau has distinguished between farms which reported the production in 1909 of vegetables (other than potatoes and sweet potatoes and yams) valued at \$500 or more and those on which the product was valued at less than that amount. Farms of the former group usually produce vegetables chiefly for sale, while on a large proportion of the other farms they are raised primarily, if not exclusively, for home consumption.

The acreage of vegetables covered by the table was 2,763,269 in 1909, which was equal to 0.6 per cent of the total improved farm acreage of the country, and was 27.8 per cent greater than the acreage reported 1899. The value of the vegetables reported increased from \$120,282,000 in 1899 to \$216,257,000 in 1909, or 79.8 per cent, and in 1909 constituted 3.9 per cent of the total value of farm crops.

The acreage of vegetables on farms which produced at least \$500 worth of vegetables amounted in 1909 to

566,517, or a little over one-fifth of the total acreage in vegetables, but the value of the vegetables grown on such farms, \$60,105,000, represented 27.8 per cent of the total value reported.

As judged by the acreage and by the value of the product, the South Atlantic was the most important division in the production of miscellaneous vegetables, the East North Central ranking second. The production of vegetables is, however, widely distributed over the entire country.

VEGETABLES (EXCLUDING POTATOES AND SWEET POTATOES AND YAMS)—ACREAGE AND VALUE.

TABLE 48	PRODUCED ON ALL FARMS TAKEN TOGETHER.				PRODUCED ON FARMS REPORTING A PRODUCT VALUED AT \$500 OR OVER: 1909		PRODUCED ON ALL FARMS TAKEN TOGETHER.				PRODUCED ON FARMS REPORTING A PRODUCT VALUED AT \$500 OR OVER: 1909	
	ACREAGE.		VALUE.		ACREAGE.	VALUE.	ACREAGE.		VALUE.		ACREAGE.	VALUE.
	1909	1899	1909	1899			1909	1899	1909	1899		
<b>United States.</b>	<b>2,763,269</b>	<b>2,102,180</b>	<b>\$216,257,000</b>	<b>\$120,282,000</b>	<b>566,517</b>	<b>\$60,104,504</b>						
<b>GEOGRAPHIC DIVS.</b>												
New England.....	101,436	79,793	12,888,883	7,806,535	27,380	5,987,028	22,939	23,987	81,102,620	\$826,244	3,710	\$239,450
Middle Atlantic.....	356,740	301,223	33,543,797	21,931,048	129,547	15,438,878	108,084	100,403	5,729,400	3,978,267	59,762	2,713,405
E. N. Central.....	319,040	408,704	39,164,021	21,850,470	109,443	10,332,517	964	883	167,376	87,616	862	157,729
W. N. Central.....	308,447	328,714	24,078,168	15,681,722	96,410	2,935,442	124,364	99,002	3,989,407	4,868,459	19,312	1,870,654
South Atlantic.....	596,832	459,708	42,005,747	21,678,080	37,410	11,707,643	43,524	29,290	4,519,894	1,607,628	1,759	193,296
E. S. Central.....	345,733	235,453	29,331,035	15,388,645	15,999	1,684,997	95,980	64,268	6,408,308	3,121,492	6,281	489,363
W. S. Central.....	274,173	217,220	18,553,851	10,669,680	19,413	72,907	31,994	40,771	3,703,991	2,001,174	9,288	797,547
Mountain.....	74,163	40,704	6,546,672	2,828,734	16,240	2,309,016	57,600	26,762	6,530,313	1,954,802	33,482	4,697,220
Pacific.....	126,702	62,594	12,324,312	4,973,968	61,374	6,452,656						
<b>NEW ENGLAND:</b>												
Maine.....	25,288	20,612	2,153,003	1,245,235	1,534	277,294	115,007	83,634	8,287,407	4,418,810	4,227	447,345
New Hampshire.....	8,535	7,827	1,071,531	627,217	904	158,447	100,055	75,408	7,075,686	3,445,553	3,624	343,784
Vermont.....	8,548	5,121	872,183	371,744	832	111,639	69,463	58,822	5,979,877	2,642,566	2,846	420,562
Massachusetts.....	37,220	29,779	6,189,897	3,745,348	17,269	4,277,296	61,223	50,889	5,838,275	2,831,710	4,302	475,546
Rhode Island.....	5,275	5,165	608,656	552,035	2,109	369,995						
Connecticut.....	16,256	12,349	1,965,935	1,266,902	4,736	801,556	38,221	26,806	3,090,504	1,733,859	6,439	371,573
<b>MIDDLE ATLANTIC:</b>												
New York.....	175,402	144,218	15,963,384	10,656,058	59,208	7,361,639	51,011	433,463	2,610,239	11,429,814	1,619	131,387
New Jersey.....	82,267	77,779	7,566,936	5,640,130	32,462	3,184,963	124,690	111,809	3,009,306	5,200,638	19,638	2,049,758
Pennsylvania.....	94,111	79,126	10,043,920	6,304,860	17,547	2,719,279						
<b>E. N. CENTRAL:</b>												
Ohio.....	123,401	103,346	11,303,791	6,446,296	26,225	3,259,193	7,300	4,272	928,986	378,792	1,046	236,533
Indiana.....	114,267	95,434	7,498,424	4,524,435	16,829	1,327,011	10,029	6,322	1,007,667	391,315	1,926	194,239
Illinois.....	120,521	110,845	9,352,296	5,303,903	36,768	3,291,385	2,933	1,431	332,120	57,828	228	51,657
Michigan.....	98,861	87,091	6,296,648	3,594,263	11,828	849,119	32,422	15,466	2,349,034	1,131,860	8,836	1,110,423
Wisconsin.....	70,123	39,578	4,568,865	2,220,634	14,664	1,126,373	8,219	4,014	567,154	207,424	984	144,465
Minnesota.....	36,114	34,552	2,115,303	1,438,226	2,654	182,924	4,392	2,192	379,293	136,506	1,570	184,623
Nebraska.....	36,114	34,552	2,115,303	1,438,226	2,654	182,924	1,406	6,028	717,774	399,090	1,619	225,613
Kansas.....	47,757	34,106	4,568,865	2,220,634	14,664	1,126,373	1,952	924	204,122	98,781	920	166,373
<b>W. N. CENTRAL:</b>												
Washington.....	46,621	28,391	3,339,052	1,508,401	5,195	614,895	24,410	13,848	2,988,510	1,040,668	4,154	954,006
Iowa.....	80,402	83,103	3,296,441	3,599,127	14,437	773,011	23,126	16,345	2,448,917	1,074,468	3,804	673,679
Missouri.....	129,570	116,236	8,265,281	5,594,257	8,548	360,488	79,163	32,401	6,886,895	3,389,832	3,669	4,836,001
North Dakota.....	13,283	4,289	1,069,126	256,206	221	41,109						
South Dakota.....	15,150	7,954	1,032,163	369,617	667	82,832						
Nebraska.....	36,114	34,552	2,115,303	1,438,226	2,654	182,924						
Kansas.....	47,757	34,106	4,568,865	2,220,634	14,664	1,126,373						

<sup>1</sup> Includes Indian Territory.

**TOBACCO.**

Detailed statistics concerning the tobacco crop of 1909, with comparative figures for 1899, are given in Table 50. Table 49 gives percentages and averages for the important producing divisions and states, based mainly on Table 50.

The tobacco crop is more localized than most other staple crops. In the aggregate, 1,294,911 acres were in tobacco in 1909, representing 0.3 per cent of the improved farm acreage of the country. In the distribution of this acreage, the East South Central division, containing 43.3 per cent of the total, led all others. This figure was closely approximated, however, by the South Atlantic division, which contained 37.6 per cent of the total acreage. The combined acreage in the East North Central and Middle Atlantic divisions was only about half as great as that in the South Atlantic division alone. The acreage of tobacco in New England

was small and that in the region west of the Mississippi was quite insignificant. The state of Kentucky had the greatest area in tobacco—469,795 acres. North Carolina was next in order, but had an acreage less than half that of Kentucky. The only other states having an acreage in excess of 100,000 were Virginia and Ohio. These four states had three-fourths of the entire acreage devoted to this crop.

The proportion of the improved farm land in tobacco was larger in the East South Central division (1.3 per cent) than in any other, though in the South Atlantic division it was only slightly less (1 per cent). The leading states exceeded this proportion considerably.

In 1909, as compared with 1899, there was an increase in the area in tobacco of 193,451 acres, or 17.6 per cent. In the division having the largest acreage,

the East South Central, the gain was over 100,000 acres, or 22.4 per cent. An absolute gain about half as great occurred in the East North Central division, where the relative increase was nearly 50 per cent. It is noticeable that in the South Atlantic division the increase was much less, amounting to only 4.6 per cent. Next to Kentucky, where the acreage in 1909 was \$4,990 more than in 1899, the greatest gain was in Ohio.

The production in 1909 was 1,056,000,000 pounds and was greater by 21.6 per cent than that in 1899, \$68,000,000 pounds. The greatest absolute increase was in the East South Central division, but larger percentages of increase are noted in the case of the West North Central and New England divisions.

The average yield per acre in 1909 was 815 pounds. In New England it was more than double this amount, and in the Middle Atlantic and East North Central divisions it was considerably higher than the average. In these divisions tobacco is grown in limited areas peculiarly adapted to its cultivation. As compared with 1899, the United States as a whole and each of the divisions except the Middle Atlantic and East North Central show a larger yield per acre in 1909, indicating a greater relative increase in the production than in the acreage.

The average value per pound was greater in 1909 than in 1899, and this, combined with an increased yield per acre, brought about a very marked increase in the value per acre. The total value of the crop was much greater in 1909 (\$104,303,000) than in 1899 (\$56,988,000). The value of tobacco constituted 1.9 per cent of the total value of crops in 1909.

Table 49

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN POUNDS PER ACRE.		AVERAGE VALUE PER POUND.		AVERAGE VALUE PER ACRE.	
	Per cent of total.	Per cent im-proved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	0.3	815	788	\$0.10	\$0.07	\$80.55	\$51.74
New England.....	1.7	0.3	1,746	1,475	0.15	0.17	200.75	288.59
Middle Atlantic.....	3.5	0.2	1,123	1,420	0.08	0.07	94.41	105.75
East North Central.....	13.3	0.2	919	1,035	0.10	0.07	87.41	71.66
South Atlantic.....	37.3	1.0	688	645	0.10	0.06	67.38	39.59
East South Central.....	43.3	1.3	534	794	0.10	0.07	81.26	46.63
All other divisions.....	0.5	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Kentucky.....	36.3	3.3	848	817	0.10	0.06	84.86	48.19
North Carolina.....	17.1	2.5	620	628	0.10	0.06	62.41	39.59
Virginia.....	14.2	1.9	717	667	0.09	0.06	65.63	39.11
Ohio.....	8.2	0.6	852	923	0.10	0.07	84.51	68.10

\* Less than one-tenth of 1 per cent.  
 † Not calculated because of unimportance of crop.

TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease. States are named when the acreage was less than 1,000 in 1909.]

Table 50

DIVISION OR STATE.	ACREAGE.				PRODUCTION (POUNDS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	1,294,911	1,101,460	193,451	17.6	1,058,784,896	868,112,665	187,651,941	21.6	\$104,302,856	\$56,987,902	\$47,314,954	83.0
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	21,745	14,212	7,533	53.0	37,961,893	23,810,524	14,151,369	59.4	5,670,002	4,101,428	1,568,574	38.2
Middle Atlantic.....	45,852	39,069	6,783	17.4	51,510,925	55,461,710	-3,950,785	-7.1	4,328,584	4,131,623	197,231	4.8
East North Central.....	171,973	115,810	56,163	48.5	157,859,785	119,851,759	38,108,025	31.8	15,082,892	8,298,696	6,784,196	81.7
West North Central.....	5,709	4,706	1,003	21.3	5,704,572	3,340,811	2,363,761	70.3	713,321	245,726	467,595	190.3
South Atlantic.....	487,411	465,754	21,657	4.6	334,569,496	300,194,660	34,374,836	11.5	32,845,156	18,627,038	14,218,116	76.3
East South Central.....	566,823	457,968	108,855	23.4	467,348,072	303,820,510	163,527,562	28.5	45,848,716	21,355,253	24,493,483	113.3
West South Central.....	1,683	3,857	-2,174	-56.4	700,915	1,302,830	-599,915	-45.6	114,452	222,392	-107,940	-48.5
Mountain.....	11	8	3	(*)	3,457	2,510	947	37.7	778	408	370	90.7
Pacific.....	4	46	-42	(*)	5,691	29,300	-23,609	-80.6	685	5	4	87.1
<b>NEW ENGLAND:</b>												
Massachusetts.....	5,321	3,826	1,695	44.3	9,549,306	6,406,570	3,142,736	49.1	1,218,060	956,399	261,661	27.4
Connecticut.....	16,642	10,119	5,923	58.5	28,110,453	16,930,770	11,179,683	66.0	4,415,948	3,674,622	1,341,926	43.7
<b>MIDDLE ATLANTIC:</b>												
New York.....	4,109	11,307	-7,198	-63.7	5,345,035	13,968,370	-8,623,335	-61.7	902,511	1,172,236	-769,719	-65.7
Pennsylvania.....	4,767	27,760	-23,993	-54.4	46,164,840	41,502,620	4,662,180	11.2	4,256,116	2,959,304	966,812	32.7
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	106,477	71,422	35,055	49.1	88,603,308	65,957,100	22,646,208	34.3	8,998,887	4,864,191	4,134,696	85.0
Indiana.....	23,694	8,219	15,475	188.3	21,387,824	6,882,470	14,505,354	210.8	2,145,193	445,653	1,699,533	381.4
Illinois.....	1,313	2,242	-929	-41.4	1,029,616	1,447,150	-417,534	-28.9	80,389	85,411	-5,022	-5.9
Wisconsin.....	49,458	33,830	15,628	46.5	46,909,182	45,500,480	1,408,702	3.1	3,853,063	2,898,061	956,942	33.0
<b>WEST NORTH CENTRAL:</b>												
Missouri.....	5,433	4,361	1,072	24.6	5,372,738	3,041,966	2,330,742	76.6	676,479	218,991	457,488	208.9
<b>SOUTH ATLANTIC:</b>												
Maryland.....	26,672	42,911	-16,839	-39.2	17,845,699	24,589,480	-6,743,781	-27.4	1,457,112	1,438,169	18,943	1.3
Virginia.....	185,427	184,384	1,043	0.6	132,979,390	122,884,900	10,094,490	8.2	12,163,086	7,210,195	4,952,891	68.8
West Virginia.....	17,928	5,129	12,799	246.5	14,356,400	3,087,140	11,269,260	365.0	1,923,180	228,620	1,694,560	741.2
North Carolina.....	221,890	200,023	18,867	9.3	138,813,163	127,503,400	11,309,763	8.9	13,847,559	5,808,691	5,808,568	72.3
South Carolina.....	30,882	25,993	4,889	15.7	25,683,649	19,886,970	5,806,679	28.6	2,123,576	1,297,293	826,283	63.7
Georgia.....	2,625	2,304	-321	-12.1	1,485,994	1,165,600	320,394	34.4	297,167	159,659	137,508	86.1
Florida.....	3,987	2,636	1,931	93.9	3,568,801	1,125,660	2,443,141	211.5	1,025,476	254,211	771,265	303.0
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	469,795	384,865	84,930	22.1	398,482,301	314,288,660	84,193,641	26.8	39,868,753	18,541,982	21,326,771	115.4
Tennessee.....	90,468	71,849	18,619	25.9	68,756,599	49,157,350	19,599,049	39.0	5,661,681	2,748,495	2,913,186	106.0

\* Per cent not calculated where base is less than 100.

\* Corrected from 1900 Report on Agriculture, Part II.

## COTTON AND COTTON SEED.

Cotton (Table 52).—Of the 32,043,838 acres of cotton harvested in 1909, the West South Central division contained nearly half, the South Atlantic division 28.1 per cent, and the East South Central division 24.7 per cent. Though cotton is reported from three other divisions, the acreages are comparatively insignificant. There are, however, three counties in southeastern Missouri in which the cotton acreage is considerable. Texas, with nearly 10,000,000 acres, has considerably over one-fourth of the total area in this crop, and Georgia has about half the acreage of Texas, while Alabama and Mississippi, which follow in the order named, have each more than 3,000,000 acres in cotton. The four states named report about 70 per cent of the total acreage. The accompanying map shows graphically the distribution of the cotton acreage among the states.

The prominence of cotton in the agriculture of the South is indicated by the large percentages of the total improved land occupied by this crop in the southern divisions, as shown by Table 51. In the South as a whole cotton occupied 21.2 per cent of the improved farm land. In each of the four states shown in Table 51 the cotton acreage exceeds one-third of all the improved land in farms.

The area in cotton increased from 1899 to 1909 by 7,768,737 acres, or 32 per cent. Of this gain more than half was reported from the West South Central division, there being a gain of nearly 3,000,000 acres in the state of Texas and of over 1,000,000 acres in the state of Oklahoma. A gain of over 1,000,000 acres was reported in Georgia. The percentage of increase in the West South Central division exceeded that for the United States as a whole, and that in the South Atlantic division almost equaled it, but the rate of gain in the East South Central division was considerably less.

Table 51

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN SALES PER ACRE.		AVERAGE VALUE PER BALE.		AVERAGE VALUE PER ACRE.	
	Per cent of United States proved land.	Per cent of im-	1909	1899	1909	1899	1909	1899
United States ..	100.0	6.7	0.33	0.29	\$95.07	\$33.96	\$21.96	\$13.34
West North Central ..	0.3	0.1	0.56	0.56	62.25	33.20	35.14	18.01
South Atlantic ..	28.1	18.6	0.45	0.39	63.45	33.59	28.28	13.26
East South Central ..	24.7	18.0	0.32	0.39	69.53	34.85	22.15	13.77
West South Central ..	46.9	28.8	0.27	0.39	66.59	33.62	17.98	13.09
All other divisions ..	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Texas ..	31.0	36.3	0.25	0.35	66.28	32.65	16.20	12.90
Georgia ..	15.2	39.7	0.41	0.37	63.59	33.02	25.99	13.94
Alabama ..	11.6	38.2	0.30	0.35	65.70	33.43	19.89	13.14
Mississippi ..	10.6	37.7	0.33	0.43	73.77	36.03	24.45	18.65

<sup>1</sup> Less than one-tenth of 1 per cent.

\* Not calculated because of unimportance of crop.

## COTTON—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

DIVISION OR STATE.	ACREAGE.				PRODUCTION (RUNNING BALES).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States ..	32,043,838	24,275,101	7,768,737	32.0	10,649,268	9,544,707	1,114,561	11.7	\$703,619,303	\$323,758,171	\$379,861,132	117.3
GEOGRAPHIC DIVISIONS:												
West North Central ..	96,563	45,749	50,814	111.1	54,508	25,646	28,862	112.5	3,393,040	851,478	2,541,562	298.5
South Atlantic ..	9,002,776	6,842,489	2,160,287	31.6	4,012,942	2,701,766	1,311,176	48.5	254,636,995	90,759,735	163,877,260	180.6
East South Central ..	7,926,019	6,725,588	1,200,431	17.8	2,924,714	2,656,599	-318,885	-5.0	175,543,582	92,590,366	82,953,216	89.6
West South Central ..	15,017,347	10,661,219	4,356,128	40.9	4,066,704	4,150,668	-93,964	-2.3	270,073,704	139,554,340	130,463,365	93.5
Mountain ..	809	56	753	(1)	217	38	179	(1)	15,208	2,243	12,965	579.4
Pacific ..	324		324		183		183		11,744		11,744	
WEST NORTH CENTRAL:												
Missouri ..	96,527	45,596	50,931	111.7	54,498	25,576	28,922	113.1	3,392,440	849,199	2,543,241	299.5
SOUTH ATLANTIC:												
Virginia ..	25,147	25,724	-577	-2.2	10,480	10,789	-309	-2.9	695,721	346,600	349,121	100.7
North Carolina ..	1,274,494	1,007,629	267,864	26.6	655,132	459,707	195,425	44.7	42,066,999	15,696,952	26,369,047	168.8
South Carolina ..	2,556,467	2,074,083	482,384	23.3	1,579,846	881,422	698,424	45.2	89,337,945	29,590,152	59,747,793	171.5
Georgia ..	4,883,304	3,513,839	1,369,465	39.0	1,992,408	1,287,992	704,416	54.7	126,085,612	42,534,235	83,551,377	197.9
Florida ..	263,454	221,825	41,629	18.8	65,056	61,856	3,200	5.2	4,841,581	2,991,796	2,849,785	86.8
EAST SOUTH CENTRAL:												
Kentucky ..	7,811	2,396	5,415	226.0	3,469	1,369	2,100	153.4	223,024	62,812	170,212	322.3
Tennessee ..	787,516	623,137	164,379	26.4	264,562	234,592	29,970	12.8	17,095,517	8,102,642	9,773,875	119.6
Alabama ..	3,730,482	3,202,135	528,347	16.5	1,129,527	1,106,840	22,687	2.0	74,203,236	37,004,598	37,200,638	100.5
Mississippi ..	3,490,219	2,897,929	592,290	17.3	1,127,156	1,133,798	-186,642	-14.2	83,148,805	47,340,314	35,808,491	75.6
WEST SOUTH CENTRAL:												
Arkansas ..	2,153,222	1,641,855	511,367	31.1	776,879	709,880	66,999	9.4	54,559,503	24,671,445	29,888,058	121.1
Louisiana ..	957,011	1,376,254	-419,243	-30.5	298,909	709,041	-440,132	-62.1	17,324,804	23,623,143	-6,198,339	-26.3
Oklahoma ..	1,076,935	*682,743	1,294,192	189.5	555,742	*225,025	330,717	146.4	35,399,356	*7,027,048	28,372,308	403.8
Texas ..	9,930,179	6,960,367	2,969,812	42.7	2,455,174	2,506,212	-51,038	-2.0	162,735,041	84,332,713	78,402,328	93.0

<sup>1</sup> Per cent not calculated where base is less than 100.

\* Includes Indian Territory.

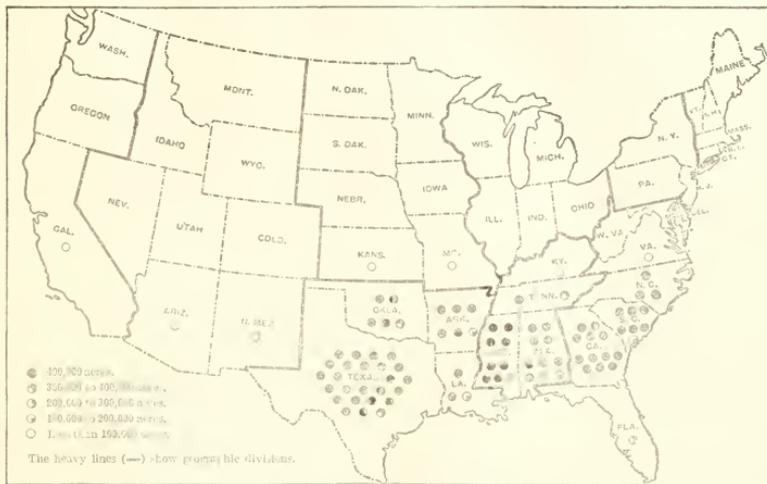
The total production of cotton in 1909 was 10,649,000 bales, an increase of 1,115,000 bales, or 11.7 per cent, over that of 1899. The yield of cotton was 0.33 bale per acre in 1909, as against 0.39 bale per acre in 1899. In each of the southern divisions, except the South Atlantic, there was a smaller average yield in 1909 than 10 years earlier. As a result the relative gain in production for the country is less than the relative gain in acreage. Two divisions, the East and West South Central, reported a smaller crop than 10 years previously. On the other hand, in the South Atlantic division the crop increased nearly one-half.

The average value of cotton per bale, which was \$33.96 in 1899, was \$66.07 in 1909, an advance of nearly 95 per cent. Hence, with an increased production, the total value of the cotton crop in 1909, \$703,619,000, was larger than that of 1899 by \$379,861,000, or 117.3 per cent. The increase in the value of the crop was sufficient to offset losses in acreage and yield, except in Louisiana.

The value of the cotton crop of 1909 was 12.8 per cent of the total value of crops for the country as a whole; for the South alone cotton represents 36.6 per cent of the total value of crops.

## COTTON.

ACREAGE, BY STATES: 1909.



Cotton seed (Table 53).—The agricultural schedules of 1910 and 1900 did not call for the quantity of cotton seed produced or its value, but the schedule of 1910 called for the quantity and value of the cotton seed sold during 1909. It was believed that, for various reasons, it would be impossible for many farmers to report accurately the total quantity of cotton seed produced. Inasmuch, however, as the sales of cotton seed are much less than the total production, it seemed desirable to make a rough estimate of the total quantity and value of cotton seed produced. It has been the usual custom among farmers and in the cotton trade to assume that (in the case of upland cotton, which constitutes the great bulk of the crop) about one-third of the weight of the seed cotton is lint and two-thirds seed. Although during recent years the ratios have probably been nearer 35 per cent lint and 65 per cent seed, the bureau has made its estimates of the production of cotton seed on the

more customary basis. It has further assumed for convenience that a bale of cotton as reported by the farmer contains 500 pounds of lint cotton, which is probably a slight exaggeration, inasmuch as no allowance is made for bagging and ties. The production of cotton seed by counties and states, and for the South as a whole has, in other words, been estimated by the simple method of allowing 1,000 pounds of seed for each bale of cotton. Aside from a considerable margin of error in the total quantity thus estimated for the South as a whole, there is doubtless some additional error in individual counties. The value of cotton seed has been estimated for 1899 by multiplying the estimated total quantity produced by the average price reported by the cottonseed-oil mills as paid for the seed purchased during that year; and for 1909 by multiplying the estimated quantity produced by the average value per ton reported by farmers for the seed sold by them. It is assumed that the average value of the entire crop is the same as the average

value of that part sold. Table 53 shows the estimated quantity and value of cotton seed produced for 1909 and 1899 for the country as a whole and by geographic divisions.

The estimated quantity of cotton seed produced in 1899 was 4,767,000 tons, and in 1909, 5,325,000 tons.

The estimated value of the cotton seed in 1899 was \$46,951,000, and in 1909, \$121,077,000, an increase of 157.9 per cent, as compared with an increase of 117.3 per cent in the value of lint cotton produced.

The total quantity of cotton seed reported by farmers as sold during 1909 was 2,075,000 tons, and its value \$47,350,000.

## SUGAR CROPS.

Sugar and related products are obtained in the United States from three widely different classes of plants—cane (sugar cane and sorghum cane), beets, and maple trees. Ordinary sugar is derived from sugar cane and sugar beets. Beet sugar is made altogether in large factories, which are covered by the manufactures census, and this report relates only to the production of the beets. Most of the sugar cane also is crushed in mills covered by the manufactures census. Some, however, is crushed in mills on farms and plantations, the operations of which can not be separated from the agricultural operations, so that the products are included in the present report; these mills, however, make practically no sugar, their chief product being sirup. A part of the sorghum cane produced is used for fodder, but there are numerous small mills which crush it for the purpose of producing sirup. Almost all of these mills are on farms, and the quantity as well as the value of their product in that case is covered by the census of agriculture. Maple sirup and maple sugar are almost wholly made on farms.

**Sugar cane** (Table 54).—The acreage in sugar cane in 1909 was 476,849, an increase of 23.2 per cent as compared with 1899. The production in 1909 was 6,240,000 tons, representing an increase of 48.5 per cent. The value of the sugar cane in 1909, including that of the sugar, sirup, and molasses reported on the agricultural schedules, was \$26,416,000, and constituted 0.5 per cent of the total value of farm crops for the country. The value of sugar cane produced in the South represented 1.4 per cent of the value of all crops of that section. More than two-thirds of the total acreage of sugar cane in 1909 was in Louisiana, and most of the remainder in Georgia, Texas, Alabama, and Mississippi.

Satisfactory comparison can not be made between the total value of the product as reported for 1909 and that for 1899, for the reason that in 1899 reports of many large mills on plantations were included in the agricultural census, while most such mills in 1909 were covered by the manufactures census. A much larger proportion of the value given for the earlier year therefore consists of the value of the manufactured product—sugar and molasses.

## COTTON SEED—ESTIMATED PRODUCTION AND VALUE.

DIVISION.	ESTIMATED PRODUCTION (TONS).		ESTIMATED VALUE.		
	1909	1899	1909	1899	Per cent of increase.
United States.....	5,324,634	4,767,353	\$121,077,000	\$46,951,000	157.9
West North Central.....	27,264	12,933	583,989	35,304	339.5
South Atlantic.....	2,006,471	1,350,883	48,468,186	14,049,551	248.0
East South Central.....	1,202,337	1,328,299	28,747,084	12,757,092	135.7
West South Central.....	2,028,822	2,075,239	43,473,688	29,148,566	115.2
Mountain.....	109	19	1,625	62	62
Pacific.....	91	.....	1,032	.....	.....

<sup>1</sup> Per cent not calculated where base is less than 100.

## SUGAR CANE—ACREAGE, PRODUCTION, AND VALUE.

STATE.	ACREAGE.		PRODUCTION (TONS).		VALUE. <sup>1</sup>	
	1909	1899	1909	1899	1909	1899
United States.....	476,849	386,988	6,240,260	4,202,202	\$26,416,000	\$9,541,636
Alabama.....	27,211	32,871	226,634	207,837	1,527,166	1,400,000
Arkansas.....	3,730	849	19,808	4,097	152,298	25,295
Florida.....	12,928	13,806	142,517	140,729	1,089,698	725,176
Georgia.....	37,640	26,066	317,630	284,419	2,288,110	1,480,704
Louisiana.....	329,654	278,966	4,941,906	3,137,338	17,752,537	14,627,282
Mississippi.....	24,861	11,522	222,600	122,384	1,906,887	804,870
North Carolina.....	294	23	1,494	199	10,697	1,412
South Carolina.....	7,053	7,942	59,885	75,702	434,634	429,425
Texas.....	34,315	17,824	307,502	170,485	1,669,685	977,043
All other states.....	127	90	324	1,000	4,212	3,429

<sup>1</sup> The values given include the value of sugar, sirup, and molasses, so far as covered by the agricultural census. See text as to incomparability of the two censuses.

Of the 6,240,000 tons of sugar cane produced in 1909, 4,639,000 tons were sold,<sup>1</sup> the amount received therefrom being \$16,766,000; in 1899, out of 4,202,000 tons produced, only 1,126,000 tons, valued at \$3,882,000, were sold. The average value per ton for the cane sold was \$3.61 in 1909 and \$3.45 in 1899, and assuming the same value per ton for the rest of the cane, the total value of cane produced in 1909 would be \$22,527,000 and the value of that produced in 1899 would be \$14,498,000. These figures represent an increase of 55.4 per cent in the total value of the crop.

In 1909 the plantation mills covered by the agricultural census made 21,633,579 gallons of sirup, 125,647 pounds of sugar, and 4,153 gallons of molasses. The total value of these products was reported as \$9,650,000.

No satisfactory comparison can be made between 1909 and 1899 as to the amount of sirup, sugar, and molasses made on plantations, for the reason already stated.

The total production of cane sugar in factories covered by the manufactures census in 1909 was 326,858 tons; of molasses, 24,588,000<sup>2</sup> gallons; and of sirup, 1,450,000<sup>2</sup> gallons; these figures all being additional to those derived from the agricultural census.

<sup>1</sup> Including that delivered to mills owned by the plantation but covered by the manufactures census.

<sup>2</sup> Does not include the operations of four establishments which manufacture sirup, two of which were operated in connection with plantations and two of which were engaged primarily in the manufacture of products other than those covered by the industry designated. The output of these establishments was 7,281 tons of sirup and 693,302 gallons of molasses.

**Sorghum cane** (Table 55).—The acreage of sorghum cane in 1909 was 444,089, or 51.5 per cent more than in 1899. And although the production was 13.8 per cent less than in the earlier year, probably on account of unfavorable weather conditions in 1909, the value of the crop, amounting in 1909 to \$10,174,000, or 0.2 per cent of the total value of all farm crops, showed a great increase. The value as stated includes that of the sirup made on farms. The amount of such sirup was 16,532,000 gallons, valued at \$7,963,000, and the value of the cane sold or used as forage was \$2,211,000.

The amount of sirup made in 1899 was 16,973,000 gallons and its value, \$5,288,000. The crop is quite widely distributed through the country, but is much more important in the South than in the North or the West. The leading states in acreage in 1909 were Kentucky, Texas, Tennessee, Missouri, and Arkansas.

**SORGHUM CANE—ACREAGE, PRODUCTION, AND VALUE.**

STATE.	ACREAGE.		PRODUCTION (TONS).		VALUE. <sup>1</sup>	
	1909	1899	1909	1899	1909	1899
	<b>United States.....</b>	<b>444,089</b>	<b>303,152</b>	<b>647,282</b>	<b>1,910,946</b>	<b>110,174,457</b>
Alabama.....	17,819	14,831	72,598	90,299	459,263	371,356
Arizona.....	86	133	1,451	953	13,846	4,882
Arkansas.....	33,071	17,694	93,122	122,779	658,073	368,816
California.....	647	140	3,021	1,085	14,820	3,788
Colorado.....	4,169	51	7,161	349	45,520	1,107
Florida.....	2,779	2,179	4,179	4,179	10,413	11,311
Georgia.....	15,612	11,553	64,326	78,708	419,561	250,592
Illinois.....	15,029	9,158	90,287	84,326	495,114	225,244
Indiana.....	12,253	7,453	73,672	65,863	465,618	190,056
Iowa.....	6,223	8,287	28,867	38,347	172,259	218,999
Kansas.....	15,490	20,628	69,021	83,346	331,726	370,023
Kentucky.....	62,327	21,982	226,392	152,321	1,416,563	440,270
Louisiana.....	1,690	927	6,073	6,091	34,277	18,367
Michigan.....	416	377	7,655	6,517	40,880	16,887
Minnesota.....	1,709	2,025	12,253	14,369	83,966	99,714
Mississippi.....	17,831	15,734	55,359	119,164	345,641	323,417
Missouri.....	45,086	30,997	201,596	49,430	1,032,536	660,624
Nebraska.....	4,034	7,778	10,477	14,119	61,023	74,817
New Mexico.....	2,371	81	2,819	310	26,877	1,963
North Carolina.....	27,227	20,227	85,462	112,056	541,294	446,897
Ohio.....	4,769	5,057	28,644	38,759	180,543	126,781
Oklahoma.....	25,546	16,477	64,349	49,237	489,112	154,111
South Carolina.....	8,446	7,290	27,612	49,330	185,568	176,222
Tennessee.....	52,907	31,364	205,901	226,523	1,145,932	647,129
Texas.....	56,927	36,303	101,691	174,965	595,769	564,790
Utah.....	346	371	1,654	2,089	12,378	15,455
Virginia.....	8,288	8,039	41,449	73,157	223,224	196,915
West Virginia.....	8,607	6,670	48,094	46,469	300,218	189,935
Wisconsin.....	1,202	2,211	15,225	16,066	84,444	84,444
All other states.....	1,020	6,850	5,776	5,460	37,297	167,709

<sup>1</sup> The values given include the value of sorghum sirup so far as covered by the agricultural census.  
<sup>2</sup> Includes Indian Territory.

**Sugar beets.**—As shown in Table 56, the acreage of sugar beets in the United States in 1909, 364,093, was more than three times as great as in 1899; the production, 3,933,000 tons, was nearly five times as great; and the value, \$19,881,000, was almost six times as great. The average value per ton in 1909 was \$5.06 and in 1899, \$4.19. The crop in 1909 occupied 0.1 per cent of the improved farm acreage of the country, and its value constituted 0.4 per cent of the value of all crops.

Although sugar beets intended for sugar manufacture are now raised in a considerable number of states, much the greater part of the production is in Colorado, California, Michigan, Utah, Idaho, and Wisconsin.

The development in Colorado during the past decade has been particularly striking.

In addition to the sugar beets covered by this table, which has been confined as far as practicable to those raised for the purpose of making sugar, small quantities are raised in many states for forage.

**SUGAR BEETS—ACREAGE, PRODUCTION, AND VALUE.**

STATE.	ACREAGE.				PRODUCTION (TONS).				VALUE.			
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899		
	<b>United States.....</b>	<b>364,093</b>	<b>110,170</b>	<b>3,932,857</b>	<b>782,353</b>	<b>319,880,724</b>	<b>53,383,240</b>	<b>286,997</b>	<b>49,861</b>	<b>1,550,346</b>	<b>267,711</b>	
Arizona.....	4,443		49,030		236,997							
California.....	78,937	41,242	843,191	356,553	4,320,332	1,550,346	4,320,332	1,550,346	4,320,332	1,550,346		
Colorado.....	188,959	1,004	1,231,712	6,656	6,901,132	26,711						
Idaho.....	15,601		179,601		813,604							
Illinois.....	1,181	1,370	14,981	9,109	77,722	36,223						
Indiana.....	756		7,195		40,861							
Iowa.....	1,031		7,117		35,024							
Kansas.....	5,851		50,730		256,202							
Michigan.....	78,779	40,247	707,630	215,374	4,014,123	877,491						
Minnesota.....	2,238	2,114	24,140	15,959	118,623	59,525						
Montana.....	8,400		109,431		546,872							
Nebbraska.....	4,191	8,662	39,874	62,430	189,212	272,528						
New Mexico.....	5,128		239	3,965	1,492	16,849						
New York.....	1,313	2,063	10,930	16,003	59,200	75,487						
Ohio.....	7,030		62,696		319,667							
Oregon.....	1,170	2,510	15,690	14,462	74,902	63,222						
Utah.....	27,472	7,349	413,945	85,914	1,858,600	365,163						
Washington.....	1,820	1,363	12,790	6,149	83,854	29,176						
Wisconsin.....	12,379	34	127,326	233	667,183	967						
Wyoming.....	1,207		13,411		61,388	2,831						
All other states.....	1,701	127	6,833	526	50,333	503						

**Maple sugar and sirup** (Table 57).—The total number of maple trees reported by the farmers as tapped in 1909 was 18,899,533; they produced 14,060,000 pounds of sugar and 4,106,000 gallons of sirup, the combined value of which was \$5,178,000.

The quantity of maple sugar and sirup from farms was 17.9 per cent greater than in 1899, while the quantity of sirup was almost twice as great, and the combined value of the sugar and sirup nearly twice as great as in 1899. Ohio is the leading state in the production of sirup, followed by New York and Vermont; but Vermont far outranks all other states in the production of maple sugar, New York and Pennsylvania ranking second and third, respectively. In the combined value of the two products, New York ranks first.

**MAPLE SUGAR AND SIRUP—QUANTITY AND VALUE.**

STATE.	SUGAR MADE (POUNDS).		SIRUP MADE (GALLONS).		VALUE OF SUGAR AND SIRUP.	
	1909	1899	1909	1899	1909	1899
	<b>United States.....</b>	<b>14,060,295</b>	<b>11,928,770</b>	<b>4,106,418</b>	<b>2,956,611</b>	<b>\$5,177,899</b>
Connecticut.....	10,207	4,650	18,492	9,357	6,988	1,726
Illinois.....	36,419	51,900	273,728	179,576	300,755	166,307
Iowa.....	6,173	2,320	8,896	2,052	11,465	5,220
Kentucky.....	10,697	2,340	3,247	2,367	6,681	2,741
Maine.....	15,388	5,500	43,971	16,624	32,137	15,920
Maryland.....	331,986	204,100	12,172	5,822	34,386	24,183
Massachusetts.....	156,032	192,990	53,091	27,174	77,559	48,236
Michigan.....	293,301	202,713	209,993	82,997	533,791	169,396
Minnesota.....	11,399	29,500	17,858	1,079	25,262	1,772
Missouri.....	11,638	12,023	9,589	5,474	12,950	6,539
New Hampshire.....	358,811	441,870	117,500	41,582,541	82,626	32,626
New York.....	3,169,000	3,625,000	992,619	412,559	1,240,684	613,890
Ohio.....	277,692	613,990	323,431	923,119	1,099,248	665,226
Pennsylvania.....	1,158,049	1,429,540	391,242	163,237	171,213	239,777
Vermont.....	7,230,417	4,778,870	402,852	169,418	1,686,263	88,063
Virginia.....	44,976	19,310	6,046	1,677	12,233	3,850
West Virginia.....	19,969	141,660	1,000	11,467	6,676	25,271
Wisconsin.....	27,454	2,340	128,117	6,628	150,038	6,378
All other states.....	49,985	47	1,511	471	4,945	743

## SUNDRY MINOR CROPS.

Under this heading are included a variety of crops of comparatively small importance which can not be logically classified under any of the other designations. The individual crops are in no way closely related to one another in use, method of production, or geographic distribution.

Table 58 gives statistics of those minor crops for which the acreage was reported, for the leading states.

## MINOR CROPS—ACREAGE, PRODUCTION, AND VALUE.

Table 58 STATE.	ACREAGE.		PRODUCTION. <sup>1</sup>		VALUE.	
	1909	1899	1909	1899	1909	1899
<b>Broom corn, total.</b>	<b>326,102</b>	<b>178,584</b>	<b>78,959,948</b>	<b>90,947,370</b>	<b>\$5,134,434</b>	<b>\$3,588,414</b>
Arkansas.....	332	878	106,576	304,600	8,198	12,588
California.....	1,023	1,669	614,259	1,146,000	32,899	49,506
Colorado.....	5,631	1,241	1,187,791	225,450	10,717	10,377
Illinois.....	38,452	95,137	19,309,425	60,556,520	1,437,172	2,357,069
Indiana.....	328	818	284,134	584,170	13,460	16,255
Iowa.....	156	2,229	579	1,174,759	13,900	69,689
Kansas.....	41,064	34,383	8,768,838	11,813,319	296,947	458,481
Kentucky.....	42	629	12,288	38,159	15	11,299
Missouri.....	5,339	10,219	1,774,536	3,693,370	115,243	159,988
Nebraska.....	458	6,027	107,146	2,783,290	11,116	106,252
New Mexico.....	4,474	14	3,642,892	5,890	21,737	37
Ohio.....	179	892	32,229	537,169	9,116	26,317
Oklahoma.....	216,359	112,763	42,741,725	33,565,510	2,559,235	1,930,821
Tennessee.....	1,348	3,444	347,064	1,916,460	27,735	42,232
Texas.....	9,448	3,743	2,368,490	1,638,190	140,533	60,313
Virginia.....	167	1,762	46,016	463,290	3,876	31,588
All other states.....	1,069	2,027	414,287	992,320	37,281	59,282
<b>Emp. total.</b>	<b>7,647</b>	<b>16,042</b>	<b>7,463,294</b>	<b>11,759,630</b>	<b>412,695</b>	<b>546,338</b>
California.....	( <sup>2</sup> )	748	690,000	929,000	30,450	51,000
Illinois.....	( <sup>3</sup> )	510	510	400	3	21,784
Indiana.....	( <sup>4</sup> )	108	305,467	600,000	21,750	40,252
Kentucky.....	6,884	14,078	6,428,223	10,303,569	348,278	468,454
Nebraska.....	148	1,023	305,493	305,493	10,752	10,752
All other states.....	157	14	67,546	6,270	3,550	343
<b>Hops, total.</b>	<b>44,693</b>	<b>55,613</b>	<b>40,718,748</b>	<b>49,209,704</b>	<b>7,844,748</b>	<b>4,931,929</b>
California.....	8,211	6,891	11,951,833	10,121,600	1,751,118	1,226,319
New York.....	12,023	27,327	8,671,138	17,332,249	2,077,181	4,061,899
Oregon.....	21,776	15,258	16,512,582	14,675,577	2,838,860	877,713
Washington.....	2,493	5,289	3,244,860	6,818,860	655,600	888,682
Wisconsin.....	39	52	16,298	148,348	1,870	8,179
All other states.....	40	129	18,491	97,951	2,239	11,190
<b>Chicory, total.</b>	<b>1,889</b>	<b>3,069</b>	<b>19,284,000</b>	<b>21,498,870</b>	<b>70,460</b>	<b>78,627</b>
Michigan.....	1,584	2,237	19,271,918	19,871,170	70,413	78,613
All other states.....	5	236	12,000	127,900	447	9,987
<b>Chinas, seed.</b>	<b>1,712</b>	( <sup>4</sup> )	<b>32,261</b>	( <sup>4</sup> )	<b>62,351</b>	<b>16,724</b>
California.....	1,122	14	21,814	33,470	33,470	11,291
New York.....	376	( <sup>4</sup> )	11,522	( <sup>4</sup> )	28,881	2,467
All other states.....	214	( <sup>4</sup> )	2,925	( <sup>4</sup> )	8,500	1,966
<b>Ginseng, total.</b>	<b>22</b>	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	<b>131,886</b>	( <sup>4</sup> )
Michigan.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	13,739	( <sup>4</sup> )
Wisconsin.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	11,866	( <sup>4</sup> )
New York.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	27,118	( <sup>4</sup> )
Ohio.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	16,476	( <sup>4</sup> )
Pennsylvania.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	24,247	( <sup>4</sup> )
Wisconsin.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	25,977	( <sup>4</sup> )
All other states.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	31,181	( <sup>4</sup> )
<b>Mint, total.</b>	<b>8,195</b>	<b>8,991</b>	<b>158,691</b>	<b>187,427</b>	<b>250,000</b>	<b>143,618</b>
Indiana.....	6,431	878	88,621	227,670	18,119	11,777
Michigan.....	6,349	7,648	121,169	164,177	194,991	123,444
All other states.....	21	64	301	870	4,890	617
<b>Tansies, total.</b>	<b>162</b>	( <sup>4</sup> )	<b>78</b>	( <sup>4</sup> )	<b>13,769</b>	( <sup>4</sup> )
New York.....	119	( <sup>4</sup> )	61	( <sup>4</sup> )	10,760	( <sup>4</sup> )
All other states.....	52	( <sup>4</sup> )	17	( <sup>4</sup> )	3,009	( <sup>4</sup> )
<b>Willows, total.</b>	<b>661</b>	<b>821</b>	<b>887</b>	( <sup>4</sup> )	<b>44,175</b>	<b>36,823</b>
Mainland.....	152	23	16,809	( <sup>4</sup> )	2,838	( <sup>4</sup> )
New York.....	405	366	667	( <sup>4</sup> )	19,038	22,495
All other states.....	97	132	78	( <sup>4</sup> )	8,337	11,190

<sup>1</sup> Expressed in pounds for broom corn, hemp, hops, chicory, and mint; in bushels for chinas; and in tons for tansies and willows.

<sup>2</sup> Includes Indian Territory. <sup>3</sup> Not reported separately.

<sup>4</sup> Reported in small fractions.

**Broom corn.**—The total acreage of broom corn in 1909 was 326,102, an increase of 82.6 per cent over that in 1899. The production, however, was considerably less in the later year than in the earlier, although the value increased by 43.1 per cent, amounting in 1909 to \$5,134,000. About two-thirds of the total acreage in 1909 was in Oklahoma, and most of

the remainder in Kansas and Illinois. The acreage in Illinois was much less in 1909 than in 1899.

**Hemp.**—The production of hemp is mainly confined to Kentucky, which in 1909 reported 6,855 out of the total of 7,647 acres. The acreage was less than half as great in 1909 as in 1899, but the production fell off only 36.3 per cent and the value only 24.5 per cent. The value of the crop in 1909 was \$413,000.

**Hops.**—The acreage of hops in the United States was 44,693 in 1909, or about one-fifth less than in 1899. The production fell off in approximately the same ratio, but the value increased 92.2 per cent, amounting in 1909 to \$7,845,000. Oregon is the leading hop growing state, with nearly half the total acreage in 1909; New York, California, and Washington are the only other states of importance.

**Other crops.**—In the case of none of the other crops covered by the table did the acreage in 1909 amount to 10,000, and only for mint did the value exceed a quarter of a million dollars. With the exception of ginseng, the crops listed are virtually confined to one or two states.

**By-products (Table 59).**—Flax fiber, cornstalks, and straw, which are obtained as by-products incidental to the raising of flaxseed and the various cereal crops, have a considerable value for feeding or other purposes. They are for the most part consumed on the farms producing them, however, and their value is not included with the value of the main crops from which they are derived.

The Census Bureau did not make any attempt to ascertain the total quantity or value of these products, the schedules calling only for the quantity and value of those sold during 1909.

## STRAW AND OTHER BY-PRODUCTS SOLD: 1909.

Table 59 DIVISION.	FLAX FIBER AND STRAW.		OTHER STRAW.		CORNSTALKS.	
	Quantity (tons).	Amount received.	Quantity (tons).	Amount received.	Quantity (tons).	Amount received.
<b>United States.</b>	<b>21,657</b>	<b>\$90,832</b>	<b>537,699</b>	<b>\$3,189,424</b>	<b>205,658</b>	<b>\$560,658</b>
New England.....	.....	.....	10,340	94,449	5,326	31,247
Middle Atlantic.....	178	157,491	1,682,394	57,311	166,228	1,000
East North Central.....	1,333	8,22	192,049	699,719	45,790	164,787
West North Central.....	20,217	\$1,711	79,168	216,158	43,623	109,915
South Atlantic.....	.....	.....	45,659	215,545	24,948	159,507
East South Central.....	.....	.....	4,488	22,189	6,626	41,514
West South Central.....	29	75	6,684	33,075	50,764	82,601
Mountain.....	2	9	17,256	49,946	1,291	6,264
Pacific.....	40	115	21,968	81,948	890	10,799

A comparatively small quantity of flax fiber and straw was sold by the farmers. The quantity of other straw sold, however, was considerable, the value amounting to \$3,189,000, and the amount received from the sale of cornstalks was \$801,000. The large amount of straw and cornstalks sold depends very largely upon whether there are in the vicinity cities, towns, or villages where such materials are needed, inasmuch as those by-products are seldom sold by one farmer to another.

FRUITS AND NUTS.

The value of fruits and nuts produced in the United States in 1909 amounted to \$222,024,000, or 4 per cent of the total value of farm crops. This value exceeds that reported for 1899, \$133,049,000, by 66.9 per cent. It is impossible to state the quantity of the product as a single total, but the statistics for individual classes show that in general the value increased by a much larger percentage than the production. Of the total value of fruits and nuts in 1909, \$29,974,000 was contributed by small fruits, \$140,867,000 by orchard fruits, \$22,028,000 by grapes, \$22,711,000 by citrus fruits, \$1,995,000 by other tropical and subtropical fruits, and \$4,448,000 by nuts. The value of each of these classes in 1909 was very much greater than in 1899, except in the case of small fruits. The distribution of this value in 1909 among the states is shown by the map on page 417.

Small fruits (Tables 60 and 61).—The acreage of small fruits reported in 1909 was 272,460, as compared with 309,770 in 1899, thus showing a decrease of 37,310 acres, or 12 per cent. The total production in 1909, 426,566,000 quarts, was 7.9 per cent less than ten years earlier, when the quantity produced was 463,219,000 quarts, but the value, \$29,974,000, was nearly one-fifth greater, the value of small fruits being \$25,030,000 in 1899. The acreage in 1909 represented 0.1 per cent of the total improved farm acreage of the country, and the value 0.5 per cent of the total value of farm crops. The production of small fruits taken as a group is widely distributed through the country. In acreage the East North Central division ranked first in 1909, the Middle Atlantic second, and the South Atlantic third, but in value the Middle Atlantic division outranked all others.

SMALL FRUITS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS.

Table 60

DIVISION.	ALL SMALL FRUITS.						STRAWBERRIES.				BLACKBERRIES AND DEWBERRIES.			
	Acreage.		Production (quarts).		Value.		Acreage.		Production (quarts) 1909.	Value, 1909.	Acreage.		Production (quarts) 1909.	Value, 1909.
	1909	1899	1909	1899	1909	1899	1909	1899			1909	1899		
United States.....	272,460	309,770	426,555,363	463,219,000	\$25,030,000	\$133,049,000	143,017	151,872	259,702,035	\$17,915,026	49,004	50,211	53,343,370	\$3,909,831
New England.....	113,771	131,917	311,000,000	313,455,176	\$23,000,000	\$23,000,000	2,185,079	4,775	11,731,291	\$1,028,887	6,918	7,177	8,429,809	\$8,985
Middle Atlantic.....	25,242	62,672	59,398,888	85,579,716	6,034,626	5,913,226	16,202	21,471	37,247,741	2,869,497	7,718	8,707	9,429,807	635,473
East North Central.....	55,550	60,616	75,774,968	137,590,651	5,811,117	6,093,483	25,149	25,541	3,088,560	3,607,979	10,221	10,741	13,437,869	\$12,575
West North Central.....	69,777	84,810	46,273,330	73,479,601	2,612,682	2,777,678	19,434	23,584	2,476,653	2,176,120	11,246	8,424	15,813,860	\$71,771
South Atlantic.....	45,499	60,848	7,730,108	76,878,670	4,174,492	3,670,119	79,790	25,847	67,121,667	3,666,959	5,179	6,965	6,406,811	\$121,131
East South Central.....	18,447	22,216	28,878,609	29,771,740	1,877,277	1,877,277	11,222	12,169	17,268,998	1,347,113	7,194	1,047	8,703,390	\$26,688
West South Central.....	5,706	127	19,782,262	7,072,013	1,077,000	1,077,000	3,117	1,000	10,000,000	431,500	2,184	2,184	2,184,000	\$1,474
Mountain.....	20,816	15,595	49,109,524	28,961,458	1,669,578	1,669,578	10,993	1,100	20,000,000	2,671,700	5,771	5,800	10,000,000	\$22,742

Includes cranberries and all other uncultivated small fruits. Repeated in small fractions.

DIVISION.	Acreage.		Production (quarts) 1909.		Value, 1909.		Value, 1909.	Acreage.		Production (quarts) 1909.		Value, 1909.			
	1909	1899	1909	1899	1909	1899		1909	1899	1909	1899	1909	1899		
	United States.....	33,340	60,916	67,919,195	170,771	7,822		12,333	10,445,497	\$730,424	6,330	6,330	6,330,000	11,110	11,110
New England.....	1,990	1,150	51,000,000	50,000	2,900	4,000	45,000	1,000	1,000	1,000,000	10,000	10,000	10,000,000	1,000,000	
Middle Atlantic.....	1,500	1,500	10,000,000	10,000	1,000	1,000	10,000	1,000	1,000	1,000,000	1,000	1,000	1,000,000	1,000,000	
East North Central.....	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000,000	1,000,000	
West North Central.....	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000,000	1,000,000	
South Atlantic.....	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000,000	1,000,000	
East South Central.....	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000,000	1,000,000	
West South Central.....	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000,000	1,000,000	
Mountain.....	1,000	1,000	1,000,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000,000	1,000	1,000	1,000,000	1,000,000	

Includes cranberries and all other uncultivated small fruits. Repeated in small fractions.

Strawberries are the most important of the small fruits, representing in 1909 over half of the total acreage and about three-fourths of the total value. The acreage of raspberries and loganberries in 1909 was slightly less than that of blackberries and dewberries, but the production and value were considerably greater. The production of strawberries and blackberries is very widely distributed through the country, but that of raspberries, currants, and gooseberries is mainly confined to the North and West, and that of cranberries is almost wholly confined to Massachusetts, New Jersey, and Wisconsin.

The acreage of each of the separate classes of small fruits covered by the table was less in 1909 than in 1899; and the production was likewise less except in the case of cranberries for which 38,243,000 quarts were reported in 1909. In 1899 the production of strawberries was 257,427,000 quarts, that of blackberries and dewberries 62,190,000 quarts, that of raspberries and loganberries 76,628,000 quarts, that of currants 18,593,000 quarts, that of gooseberries 9,321,000 quarts, and that of cranberries 31,601,000 quarts. The value of the separate kinds of small fruits was not called for by the agricultural schedule at the Twelfth Census.

## SMALL FRUITS—ACREAGE, PRODUCTION, AND VALUE, BY STATES.

Table 61	ALL SMALL FRUITS.										ACREAGE: 1909				
	STATE.		Acreage.		Production (quarts).		Value.		Strawberries.	Blackberries and dewberries.	Raspberries and loganberries.	Currants.	Gooseberries.	Cranberries.	All other small fruits.
	1909	1899	1909	1899	1909	1899									
United States.....	272,460	309,779	428,568,883	653,213,612	\$29,974,481	\$35,629,727	133,945	49,664	48,568	7,862	4,765	18,421	685		
NEW ENGLAND:															
Maine.....	1,360	1,585	2,285,415	1,754,688	233,124	157,679	698	145	127	80	59	151	(1)	5	
New Hampshire.....	618	730	998,244	1,261,176	107,365	116,830	310	67	85	42	5	109	(1)	0	
Vermont.....	469	488	836,122	930,590	92,600	85,121	276	47	80	58	6	1	(1)	1	
Massachusetts.....	9,532	8,840	29,269,143	25,862,572	1,678,790	1,486,714	2,015	287	383	243	6,587	74	(1)	1	
Rhode Island.....	284	364	447,569	789,698	43,663	54,282	140	16	34	12	0	1	(1)	1	
Connecticut.....	1,567	1,987	3,823,522	3,838,802	316,752	278,373	993	128	280	54	9	123	(1)	1	
MIDDLE ATLANTIC:															
New York.....	22,496	25,051	37,857,829	49,375,854	2,875,495	2,533,963	6,382	1,933	11,057	2,567	259	277	13	13	
New Jersey.....	24,669	25,350	38,822,987	28,339,302	1,954,125	1,496,049	8,684	4,332	1,744	124	135	9,000	(1)	12	
Pennsylvania.....	8,678	12,271	13,630,047	19,260,650	1,176,016	1,268,587	4,136	1,235	2,394	588	139	4	(1)	0	
EAST NORTH CENTRAL:															
Ohio.....	11,793	21,121	15,721,023	33,736,680	1,296,543	1,767,357	4,706	2,425	3,869	359	226	3	2	143	
Indiana.....	5,919	8,113	7,424,831	22,088,308	612,723	1,113,367	2,374	1,347	1,412	163	274	4	(1)	0	
Illinois.....	11,221	16,794	13,602,676	26,129,216	1,109,747	1,263,233	5,410	3,503	1,945	252	603	10	(1)	0	
Michigan.....	21,419	29,197	27,214,059	40,168,178	2,028,965	1,680,249	8,053	2,973	1,786	609	297	202	501	2	
Wisconsin.....	6,365	13,389	9,785,729	15,650,626	756,487	855,119	2,883	407	966	289	82	1,689	(1)	0	
WEST NORTH CENTRAL:															
Minnesota.....	5,738	3,962	4,476,573	4,542,640	403,406	339,599	1,873	145	1,388	200	71	61	(1)	0	
Iowa.....	17,069	14,860	23,656,221	21,484,620	2,141,809	1,050,811	9,048	5,279	1,331	92	555	8	(1)	0	
Missouri.....	399	67	288,696	70,132	29,641	7,785	88	85	188	80	65	(1)	(1)	0	
North Dakota.....	419	104	401,685	168,744	47,262	16,629	226	5	69	67	85	(1)	(1)	0	
Nebraska.....	1,411	1,171	1,594,421	1,211,630	159,169	68,159	562	428	247	86	88	(1)	(1)	0	
Kansas.....	5,400	5,824	5,477,274	6,572,636	454,200	406,464	1,719	1,262	713	98	188	(1)	(1)	0	
SOUTH ATLANTIC:															
Delaware.....	8,467	10,699	14,428,209	13,670,380	649,732	461,623	7,194	1,256	223	3	11	(1)	(1)	0	
Maryland.....	16,958	17,322	26,377,052	27,955,590	1,227,548	1,181,954	14,262	1,180	846	36	241	(1)	(1)	0	
District of Columbia.....	12	12	24,109	129,332	1,875	7,855	11	(1)	(1)	1	(1)	(1)	(1)	0	
Virginia.....	7,293	8,796	11,342,980	13,473,939	671,843	765,097	6,096	344	276	5	22	40	(1)	2	
West Virginia.....	1,913	1,994	2,338,562	1,897,928	104,623	146,527	769	1,292	844	30	30	(1)	(1)	0	
North Carolina.....	6,701	6,867	12,827,427	11,934,060	833,076	599,963	5,420	1,233	40	3	5	(1)	(1)	0	
South Carolina.....	858	691	1,408,059	959,305	113,254	59,486	815	38	2	1	(1)	(1)	(1)	0	
Georgia.....	1,634	1,634	1,292,331	1,897,628	113,754	166,785	389	67	29	1	(1)	(1)	(1)	0	
Florida.....	1,356	1,348	2,396,573	1,770,980	392,383	189,367	1,343	13	(1)	(1)	(1)	(1)	(1)	0	
EAST SOUTH CENTRAL:															
Kentucky.....	4,287	6,126	4,672,702	8,882,590	337,897	435,462	1,553	2,141	564	14	115	(1)	(1)	0	
Tennessee.....	12,539	12,944	13,858,439	15,200,120	923,613	563,092	10,761	1,514	253	2	9	(1)	(1)	0	
Alabama.....	1,232	761	1,907,193	953,379	163,336	54,697	1,167	33	11	0	1	(1)	(1)	0	
Mississippi.....	839	1,549	1,497,391	1,077,111	107,171	110,069	773	1	1	(1)	(1)	(1)	(1)	0	
WEST SOUTH CENTRAL:															
Arkansas.....	5,032	10,819	8,965,572	14,997,999	601,722	694,223	7,365	325	123	4	19	(1)	(1)	0	
Louisiana.....	3,430	3,707	4,330,367	6,550,710	488,570	670,710	16	16	16	0	0	(1)	(1)	0	
Oklahoma.....	2,745	11,388	2,310,367	11,475,790	202,291	952,223	825	1,792	85	36	7	(1)	(1)	0	
Texas.....	5,033	3,904	6,182,742	5,208,920	480,531	394,680	2,161	2,773	104	6	9	(1)	(1)	0	
METALINE:															
Montana.....	562	654	766,791	1,033,885	79,891	79,891	265	34	113	115	35	(1)	(1)	0	
Idaho.....	1,673	967	2,071,131	1,246,110	201,525	86,115	698	170	496	167	142	(1)	(1)	0	
Wyoming.....	166	83	27,530	27,530	15,084	4,964	24	(1)	(1)	(1)	(1)	(1)	(1)	0	
Colorado.....	2,829	2,347	4,294,988	3,649,230	398,836	294,385	1,336	228	801	282	192	(1)	(1)	0	
New Mexico.....	66	48	76,332	50,690	9,335	5,788	20	10	1	7	17	(1)	(1)	0	
Arizona.....	76	79	115,190	139,410	12,987	12,987	16	1	1	(1)	(1)	(1)	(1)	0	
Utah.....	1,416	1,052	3,118,395	1,694,730	217,327	117,480	719	96	374	128	100	(1)	(1)	0	
Pacific:															
Washington.....	37	53	50,287	76,890	5,683	8,780	5	1	9	11	11	(1)	(1)	0	
Oregon.....	5,598	2,845	13,490,939	5,495,996	941,415	325,646	3,283	759	1,210	127	114	5	(1)	1	
California.....	5,122	3,470	9,346,850	6,645,534	641,194	336,552	2,941	431	1,469	89	185	14	(1)	0	
California.....	9,667	6,284	26,834,120	14,881,931	1,780,214	911,411	4,585	2,760	1,992	407	74	53	(1)	0	

1 Reported in small fractions.

2 Includes Indian Territory.

Orchard fruits (Table 62).—Neither in 1910 nor in 1900 did the census schedules call for the acreage of orchard fruits, but at both censuses the number of trees of bearing age was called for, and at the later census also the number not of bearing age. In the report of the census of 1900, however, the belief was expressed that some trees not of bearing age were reported by the enumerators as of bearing age. This doubtless accounts wholly or in part for the decrease in the reported number of trees of bearing age for all classes of orchard fruits combined, from 369,377,000 in 1900 to 301,117,000 in 1910. Decreases also appear in the totals for the United States for every kind of orchard fruit which was reported separately. The number of trees which were not of bearing age in 1910 was 130,973,000. The total production of orchard fruits in 1909 was 216,084,000 bushels, or only slightly more than in 1899, but all the kinds of fruit except apples, in which there was a decrease, show high percentages

of increase. The value of all orchard fruits in 1909, however, \$140,867,000, was 68.2 per cent greater than the value in 1899, and represented 2.6 per cent of the total value of farm crops.

The production of orchard fruits as a group is very widely distributed throughout the country. As measured by number of trees of bearing age in 1910, the East North Central was the leading division, followed by the West North Central and the South Atlantic; but as determined by value of fruit produced in 1909 the ranking is quite different, the Middle Atlantic division standing first, the Pacific division second, and the East North Central third. The leading states in the value of fruit produced are California and New York.

Apples are much the most important of the orchard fruits, their value in 1909 being 59.1 per cent of the total. Peaches and nectarines rank next, with 20.4 per cent of the total, followed by plums and prunes, pears, cherries, and apricots and apricots in the order named.

Definite conclusions as to the relative importance of different states can not always be drawn from the number of trees of bearing age, since the trees in some states are much more prolific than in others, nor does the production of any given year furnish an altogether satisfactory index, since weather conditions may be favorable in one part of the country and unfavorable in another.

ORCHARD FRUITS—TREES, PRODUCTION, AND VALUE.

**Table 62**

DIVISION OR STATE.	Trees of bearing age: 1910	Trees not of bearing age: 1910	PRODUCTION (BUSSHETS).			VALUE.		
			1909	1899	1890	1909	1899	1890
U. S.	301,117,277	130,973,352	216,083,699	212,365,600	\$140,887,347	\$83,790,961		

GEORG. DIVS:							
New Eng.	9,505,622	2,904,978	11,255,537	12,006,412	7,327,873	4,329,590	
Mid. Atl.	38,727,615	15,475,107	45,114,022	57,571,644	28,641,924	21,113,717	
E. S. C.	21,148,360	10,148,360	31,077,377	30,476,366	24,366,346	17,029,503	
W. N. C.	52,835,414	15,211,736	65,513,920	55,930,467	14,763,245	7,347,031	
S. Atl.	49,961,571	17,881,137	25,544,325	25,405,377	17,760,294	8,581,087	
E. S. C.	25,272,100	10,443,000	35,444,500	34,444,500	22,444,500	17,444,500	
W. S. C.	38,170,128	18,622,455	7,058,045	6,664,071	5,329,806	3,205,600	
Mountain	7,686,221	7,478,919	4,718,005	4,664,677	7,648,540	1,371,803	
Pacific	32,019,519	19,670,545	40,469,421	25,938,955	25,972,786	36,452,288	
NEW ENGL.							
Me.	5,365,452	1,000,768	6,364,251	6,383,919	2,207,748	833,634	
N. H.	1,368,927	271,153	1,639,944	2,017,880	719,777	707,729	
Vt.	1,296,709	253,041	1,549,750	1,914,533	591,365	530,429	
Conn.	6,629,801	1,919,267	8,549,068	9,185,751	4,117,868	2,858,889	
R. I.	215,798	94,504	245,232	300,298	107,639	155,571	
Mt. A.	1,309,515	604,200	1,874,242	3,839,108	1,327,074	1,011,359	
N. Y.	17,620,093	7,363,614	20,456,291	36,172,310	17,898,994	10,542,272	
Ohio	3,165,746	1,297,601	4,463,347	6,135,480	1,975,404	2,994,983	
P. A.	18,179,773	5,912,257	23,892,035	25,546,854	8,677,998	7,976,646	
E. N. CENT.							
Ohio	14,933,812	5,603,742	6,711,208	21,399,273	5,691,530	6,141,118	
Ind.	10,600,759	3,787,631	4,710,257	9,304,483	7,309,275	3,196,338	
Ill.	15,083,743	3,919,267	4,939,211	9,767,213	3,857,743	3,778,811	
Mich.	12,842,882	6,679,949	6,679,949	9,909,862	9,030,842	8,755,845	
Wis.	2,863,340	1,654,216	2,347,517	348,000	1,687,202	267,391	
W. N. CENT.							
Mont.	1,644,500	1,787,107	1,066,659	143,655	801,112	109,650	
Iowa	9,205,387	2,802,548	7,234,168	3,456,422	4,283,873	1,849,767	
Mo.	23,126,107	5,748,159	11,667,389	6,305,501	6,582,578	2,944,175	
N. Dak.	40,286	40,286	40,286	40,286	40,286	40,286	
S. Dak.	599,586	721,924	229,907	26,147	209,339	29,568	
Nebr.	5,041,964	1,750,384	3,572,253	1,456,033	1,932,124	684,751	
S. ATL.							
Del.	2,101,713	575,897	309,274	584,793	705,767	293,127	
Pa.	1,871,435	1,871,435	2,577,359	3,710,666	1,517,440	1,266,167	
D. C.	3,583	74	3,655	1,002	1,099	773	
N. Va.	9,609,798	4,631,587	6,584,101	10,497,401	3,582,359	2,662,483	
N. Y.	8,770,384	4,388,587	4,709,959	7,452,130	3,040,192	2,155,309	
N. C.	8,162,744	2,971,879	6,234,301	1,142,959	3,248,036	1,209,614	
W. Va.	2,109,986	723,802	1,132,665	642,173	856,376	272,794	
Pa.	13,179,852	2,917,378	10,670,839	1,028,835	2,930,793	1,607,847	
Fla.	451,410	199,448	235,188	228,453	222,203	192,893	
E. S. CENT.							
Ark.	8,722,441	3,595,244	6,447,858	6,286,174	4,606,950	1,943,645	
Tex.	8,909,079	3,734,080	4,848,559	5,699,198	3,439,077	1,479,195	
Okla.	5,630,153	1,282,211	4,475,549	979,736	1,818,598	765,574	
Miss.	2,564,756	1,353,998	1,434,305	610,927	1,325,500	400,118	
W. S. CENT.							
Idaho	15,511,761	2,258,166	4,437,917	3,359,865	3,011,377	2,522,200	
Or.	1,800,940	485,825	392,607	283,087	314,027	225,476	
Ala.	8,289,445	507,302	1,137,288	601,334	943,644	328,528	
Calif.	12,560,632	4,968,072	1,090,253	2,359,731	1,060,998	1,345,423	
MOUNTAIN:							
Mont.	749,104	1,363,798	591,988	45,192	609,078	59,414	
Idaho	1,515,280	2,036,396	824,584	452,000	3,304,884	3,224,884	
Wyo.	33,497	97,013	18,584	1,145	39,774	1,420	
Colo.	2,947,920	3,151,784	4,565,849	354,409	4,681,792	378,119	
N. Mex.	803,068	1,282,211	564,095	207,859	519,377	407,331	
Utah	152,340	116,988	153,885	115,365	241,110	96,764	
Ariz.	1,380,381	1,644,755	633,729	89,363	640,964	293,098	
Nev.	94,222	29,902	4,874,376	15,287	1,866,876	1,866,876	
PACIFIC:							
Wash.	4,944,889	6,361,251	4,244,670	1,180,357	4,274,123	999,887	
Ore.	2,845,184	4,399,253	4,423,241	1,522,062	3,339,845	3,000,438	
Calif.	22,485,196	8,410,062	31,507,201	22,090,696	18,358,897	14,526,786	

1 Includes value of dried fruits, cider, vinegar, etc.  
2 Includes Indian Territory.

Apples (Table 63).—The number of apple trees of bearing age in 1910 was 151,323,000, and there were 65,792,000 trees not of bearing age. The production in 1909 was 147,522,000 bushels, as compared with 175,395,000 bushels in 1899, a decrease of 15.9 per cent. The value of the apple crop in 1909 was

\$83,231,000 or 1.5 per cent of the total value of all crops. Values were not reported for individual kinds of fruit in 1899.

While apple production is widely distributed, the leading geographic divisions are the Middle Atlantic, East North Central, and West North Central. There is, however, a marked development in the western sections of the country, which in part explains the fact that in 1910 the ratio of the number of trees not of bearing age to the number of bearing age was much higher in the West South Central, Mountain, and Pacific divisions than in any of the other eastern divisions except the South Atlantic.

APPLES—TREES, PRODUCTION, AND VALUE.

DIVISION OR STATE.	Trees of bearing age: 1910	Trees not of bearing age: 1910	Production (bushets).	VALUE.	
				1909	1890
United States	151,322,840	65,791,848	147,522,138	\$83,231,000	\$175,397,600
GEOGRAPHIC DIVISIONS:					
New England	8,219,122	2,094,512	10,508,457	6,272,729	11,649,204
Middle Atlantic	20,302,280	5,949,444	37,864,532	19,836,752	52,812,804
East North Central	34,134,009	10,410,219	25,680,612	14,669,289	47,650,850
West North Central	31,744,257	9,784,961	29,553,570	17,792,590	14,827,639
South Atlantic	20,673,712	10,664,819	18,375,483	9,461,189	26,772,555
East South Central	12,272,277	5,386,555	13,163,180	6,073,716	12,409,792
West South Central	11,838,069	7,294,500	3,240,108	2,685,804	3,865,702
Mountain	4,614,667	6,679,176	5,718,372	5,336,183	882,508
Pacific	7,522,012	8,157,445	10,938,099	7,484,367	5,091,106
NEW ENGLAND:					
Maine	3,476,616	1,045,123	3,636,181	2,121,816	1,421,773
New Hampshire	1,368,927	271,153	1,639,944	2,017,880	719,777
Vermont	1,296,709	253,041	1,549,750	1,914,533	591,365
Massachusetts	6,629,801	1,919,267	8,549,068	9,185,751	4,117,868
Rhode Island	215,798	94,504	245,232	300,298	107,639
Connecticut	1,309,515	604,200	1,874,242	3,839,108	1,327,074
MIDDLE ATLANTIC:					
Ohio	11,248,203	2,528,515	25,409,324	13,343,028	21,157,257
New York	1,033,620	519,245	1,406,778	956,108	6,440,806
Pennsylvania	8,000,456	2,301,183	11,048,430	5,597,510	24,090,651
OHIO:					
Ohio	8,000,586	2,301,183	4,652,732	2,905,611	20,617,480
Iowa	5,704,831	1,591,974	2,759,134	1,728,811	8,620,278
Illinois	9,409,627	2,338,031	3,069,321	2,111,866	9,178,150
Michigan	7,334,843	2,257,412	12,322,296	5,909,080	8,911,569
Wisconsin	2,430,252	1,408,726	2,222,112	1,896,681	303,733
WEST NORTH CENTRAL:					
Minnesota	1,380,390	1,571,816	1,044,156	709,114	120,143
Iowa	5,847,064	1,914,323	6,146,686	3,580,729	3,129,802
Indiana	9,409,627	2,338,031	3,069,321	2,111,866	9,178,150
Michigan	7,334,843	2,257,412	12,322,296	5,909,080	8,911,569
WEST SOUTH CENTRAL:					
Mississippi	1,380,390	1,571,816	1,044,156	709,114	120,143
Alabama	8,847,064	1,914,323	6,146,686	3,580,729	3,129,802
Georgia	9,409,627	2,338,031	3,069,321	2,111,866	9,178,150
Florida	7,334,843	2,257,412	12,322,296	5,909,080	8,911,569
WEST NORTH CENTRAL:					
Minnesota	1,380,390	1,571,816	1,044,156	709,114	120,143
Iowa	5,847,064	1,914,323	6,146,686	3,580,729	3,129,802
Illinois	9,409,627	2,338,031	3,069,321	2,111,866	9,178,150
Michigan	7,334,843	2,257,412	12,322,296	5,909,080	8,911,569
WEST SOUTH CENTRAL:					
Mississippi	1,380,390	1,571,816	1,044,156	709,114	120,143
Alabama	8,847,064	1,914,323	6,146,686	3,580,729	3,129,802
Georgia	9,409,627	2,338,031	3,069,321	2,111,866	9,178,150
Florida	7,334,843	2,257,412	12,322,296	5,909,080	8,911,569
WEST NORTH CENTRAL:					
Minnesota	1,380,390	1,571,816	1,044,156	709,114	120,143
Iowa	5,847,064	1,914,323	6,146,686	3,580,729	3,129,802
Illinois	9,409,627	2,338,031	3,069,321	2,111,866	9,178,150
Michigan	7,334,843	2,257,412	12,322,296	5,909,080	8,911,569
WEST SOUTH CENTRAL:					
Mississippi	1,380,390	1,571,816	1,044,156	709,114	120,143
Alabama	8,847,064	1,914,323	6,146,686	3,580,729	3,129,802
Georgia	9,409,627	2,338,031	3		

Peaches and nectarines (Table 64).—The number of peach and nectarine trees of bearing age April 15, 1910, was 94,507,000, and the number not of bearing age 42,266,000. The value of peaches and nectarines produced in 1909 was \$28,781,000. The production is very widely distributed. In number of trees of bearing age in 1910 the West South Central division ranked first and the South Atlantic division second; but in the production of 1909 the Pacific division (in which nearly the entire production is in California) decidedly out-ranked all others, with the East South Central division second and the South Atlantic third.

PEACHES AND NECTARINES—TREES, PRODUCTION, AND VALUE.

Table 64	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
United States.....	94,506,657	42,269,243	35,470,276	\$28,781,078	15,432,603
<b>GEOGRAPHIC DIVISIONS:</b>					
New England.....	729,319	372,237	406,902	633,411	101,737
Middle Atlantic.....	6,059,966	5,759,425	3,291,469	4,018,031	1,247,222
East North Central.....	11,031,119	6,972,379	5,120,541	5,128,144	716,759
West North Central.....	15,257,381	2,882,028	1,643,257	1,678,814	212,501
South Atlantic.....	29,345,343	9,137,901	5,574,628	8,889,359	1,162,454
East South Central.....	1,312,748	3,865,232	5,775,799	4,908,770	549,226
West South Central.....	4,229,599	5,734,365	5,279,545	5,721,041	2,192,333
Mountain.....	1,476,268	1,639,111	940,198	1,071,446	295,393
Pacific.....	8,39,948	5,845,881	6,530,642	4,887,007	5,745,017
<b>NEW ENGLAND:</b>					
Maine.....	2,192	3,327	2,014	3,229	1,895
New Hampshire.....	1,826	2,214	2,241	6,064	6,064
Vermont.....	4,364	2,188	2,221	4,999	4,999
Massachusetts.....	171,782	16,111	91,779	128,777	27,906
Rhode Island.....	79,112	8,793	17,717	11,110	11,110
Connecticut.....	79,112	155,078	29,599	41,773	41,773
<b>MIDDLE ATLANTIC:</b>					
New York.....	3,267,187	2,819,291	1,919,184	2,119,969	966,309
Delaware.....	26,627	2,114,271	1,162,549	1,511,755	147,164
<b>EAST NORTH CENTRAL:</b>					
Ohio.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
Indiana.....	2,091,179	1,460,821	1,109,638	1,109,638	187,757
Illinois.....	2,911,179	1,460,821	1,109,638	1,109,638	187,757
Michigan.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
Wisconsin.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
Minnesota.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
North Dakota.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
South Dakota.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
Nebraska.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
Montana.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
Wyoming.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
Colorado.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
New Mexico.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
Arizona.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
Utah.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
Nevada.....	1,311,368	1,092,343	1,099,388	1,099,311	296,966
<b>WEST NORTH CENTRAL:</b>					
Illinois.....	777,402	252,111	16,721	21,897	9,799
Indiana.....	1,007,247	589,000	267,989	307,171	172,011
Michigan.....	1,007,247	589,000	267,989	307,171	172,011
Ohio.....	1,007,247	589,000	267,989	307,171	172,011
Wisconsin.....	1,007,247	589,000	267,989	307,171	172,011
Minnesota.....	1,007,247	589,000	267,989	307,171	172,011
North Dakota.....	1,007,247	589,000	267,989	307,171	172,011
South Dakota.....	1,007,247	589,000	267,989	307,171	172,011
Nebraska.....	1,007,247	589,000	267,989	307,171	172,011
Montana.....	1,007,247	589,000	267,989	307,171	172,011
Wyoming.....	1,007,247	589,000	267,989	307,171	172,011
Colorado.....	1,007,247	589,000	267,989	307,171	172,011
New Mexico.....	1,007,247	589,000	267,989	307,171	172,011
Arizona.....	1,007,247	589,000	267,989	307,171	172,011
Utah.....	1,007,247	589,000	267,989	307,171	172,011
Nevada.....	1,007,247	589,000	267,989	307,171	172,011
<b>EAST SOUTH CENTRAL:</b>					
Kentucky.....	2,245,402	1,110,714	1,966,797	1,062,138	31,799
Tennessee.....	2,163,227	1,199,772	1,962,019	1,673,777	77,628
Alabama.....	3,177,331	888,806	1,416,581	1,055,971	181,541
Mississippi.....	1,726,289	724,895	1,156,817	902,288	232,305
<b>WEST SOUTH CENTRAL:</b>					
Arkansas.....	6,859,962	2,884,997	1,901,617	3,022,996	332,642
Louisiana.....	1,903,859	336,127	1,003,628	228,084	131,898
Oklahoma.....	4,785,825	2,187,833	1,277,969	1,564,663	196,643
Texas.....	9,937,827	2,958,433	729,631	703,649	1,400,240
<b>MOUNTAIN:</b>					
Montana.....	538	3,381	128	235	17
Idaho.....	73,080	212,992	18,794	28,149	17,793
Wyoming.....	146	419	4	30	3
Colorado.....	793,372	696,001	692,285	764,661	47,381
New Mexico.....	136,191	184,496	32,533	37,193	76,204
Arizona.....	114,415	31,962	50,102	80,223	35,092
Utah.....	544,314	651,233	143,237	156,451	83,315
Nevada.....	6,329	5,049	3,171	4,500	2,563
<b>PACIFIC:</b>					
Washington.....	536,875	1,628,141	84,494	118,913	80,990
Oregon.....	273,162	898,179	179,693	194,211	101,199
California.....	7,829,011	4,409,562	9,267,118	5,673,777	8,563,427

1 Includes Idaho Territory.

Pears (Table 65).—The number of pear trees reported as of bearing age in 1910 was 15,172,000, and there were 8,804,000 trees not of bearing age. The production increased from 6,625,000 bushels in 1899 to 8,841,000 bushels in 1909, or 33.4 per cent. The value of the crop in 1909 was \$7,911,000. In number of trees of bearing age in 1910, the Middle Atlantic and East North Central divisions ranked far above the others, but in the production for 1909 the Pacific division stood first. California and New York together produced about three-eighths of the total pear crop. Only one other state, Michigan, reported the production of more than 500,000 bushels of pears.

PEARS—TREES, PRODUCTION, AND VALUE.

Table 65	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
United States.....	15,171,824	8,803,885	8,840,733	\$7,910,000	6,625,417
<b>GEOGRAPHIC DIVISIONS:</b>					
New England.....	296,874	97,600	233,845	268,816	183,298
Middle Atlantic.....	3,670,620	2,123,241	2,185,144	2,029,669	2,185,163
East North Central.....	3,590,084	1,441,205	1,623,176	1,331,212	782,755
West North Central.....	1,114,426	589,140	213,678	299,838	86,804
South Atlantic.....	2,225,714	880,267	973,762	898,275	74,794
East South Central.....	821,648	966,959	570,422	649,049	181,128
West South Central.....	1,045,143	996,236	101,513	192,776	225,395
Mountain.....	312,449	417,132	208,327	37,469	151,483
Pacific.....	1,675,123	1,111,516	5,239,532	2,359,581	2,101,286
<b>NEW ENGLAND:</b>					
Maine.....	45,653	15,013	38,654	42,52	11,200
New Hampshire.....	25,636	9,247	24,224	25,281	19,341
Vermont.....	11,910	3,907	10,997	10,997	10,997
Massachusetts.....	11,910	3,907	10,997	10,997	10,997
Rhode Island.....	11,910	3,907	10,997	10,997	10,997
Connecticut.....	11,910	3,907	10,997	10,997	10,997
<b>MIDDLE ATLANTIC:</b>					
New York.....	2,185,144	1,212,241	2,185,144	2,185,144	951,170
Delaware.....	26,627	2,114,271	1,162,549	1,511,755	147,164
<b>EAST NORTH CENTRAL:</b>					
Ohio.....	599,117	571,711	332,727	544,565	144,113
Indiana.....	719,714	349,638	349,638	349,638	111,213
Illinois.....	719,714	349,638	349,638	349,638	111,213
Michigan.....	1,146,115	642,946	642,946	642,946	176,712
Wisconsin.....	1,146,115	642,946	642,946	642,946	176,712
Minnesota.....	1,146,115	642,946	642,946	642,946	176,712
North Dakota.....	1,146,115	642,946	642,946	642,946	176,712
South Dakota.....	1,146,115	642,946	642,946	642,946	176,712
Nebraska.....	1,146,115	642,946	642,946	642,946	176,712
Montana.....	1,146,115	642,946	642,946	642,946	176,712
Wyoming.....	1,146,115	642,946	642,946	642,946	176,712
Colorado.....	1,146,115	642,946	642,946	642,946	176,712
New Mexico.....	1,146,115	642,946	642,946	642,946	176,712
Arizona.....	1,146,115	642,946	642,946	642,946	176,712
Utah.....	1,146,115	642,946	642,946	642,946	176,712
Nevada.....	1,146,115	642,946	642,946	642,946	176,712
<b>WEST NORTH CENTRAL:</b>					
Illinois.....	449,692	96,617	105,327	52,623	172,298
Indiana.....	349,638	183,132	167,329	168,917	301,412
Michigan.....	349,638	183,132	167,329	168,917	301,412
Ohio.....	349,638	183,132	167,329	168,917	301,412
Wisconsin.....	349,638	183,132	167,329	168,917	301,412
Minnesota.....	349,638	183,132	167,329	168,917	301,412
North Dakota.....	349,638	183,132	167,329	168,917	301,412
South Dakota.....	349,638	183,132	167,329	168,917	301,412
Nebraska.....	349,638	183,132	167,329	168,917	301,412
Montana.....	349,638	183,132	167,329	168,917	301,412
Wyoming.....	349,638	183,132	167,329	168,917	301,412
Colorado.....	349,638	183,132	167,329	168,917	301,412
New Mexico.....	349,638	183,132	167,329	168,917	301,412
Arizona.....	349,638	183,132	167,329	168,917	301,412
Utah.....	349,638	183,132	167,329	168,917	301,412
Nevada.....	349,638	183,132	167,329	168,917	301,412
<b>EAST SOUTH CENTRAL:</b>					
Kentucky.....	337,335	111,995	251,536	187,951	76,949
Tennessee.....	273,162	97,600	273,162	273,162	101,199
Alabama.....	122,200	99,170	101,199	86,566	25,656
Mississippi.....	118,536	100,739	101,199	96,777	36,823
<b>WEST SOUTH CENTRAL:</b>					
Arkansas.....	221,764	196,253	147,567	38,140	24,803
Louisiana.....	37,670	38,242	35,554	31,969	29,493
Oklahoma.....	297,271	297,336	7,450	11,289	21,531
Texas.....	558,478	448,899	110,677	119,274	106,415
<b>MOUNTAIN:</b>					
Montana.....	10,297	12,806	7,543	12,008	24
Idaho.....	65,113	76,939	42,619	64,04	

**Plums and prunes (Table 66).**—Plum and prune trees of bearing age in 1910 numbered 23,445,000 and those not of bearing age 6,924,000. The production in 1909 was 15,480,000 bushels, or 76.6 per cent greater than that in 1899, 8,764,000 bushels. The value of the crop in 1909 was \$10,299,000. The Pacific division in 1910 had over two-fifths of the trees of bearing age, and in 1909 produced nearly four-fifths of the total crop. New York is the most important of the eastern states in the production of plums and prunes.

**PLUMS AND PRUNES—TREES, PRODUCTION, AND VALUE.**

DIVISION OR STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
<b>United States.....</b>	<b>23,445,000</b>	<b>6,922,851</b>	<b>15,480,170</b>	<b>\$10,299,495</b>	<b>8,764,032</b>
<b>GEOGRAPHIC DIVISIONS:</b>					
New England.....	176,038	90,498	62,733	110,178	24,976
Middle Atlantic.....	1,700,712	845,001	858,374	928,673	428,383
East North Central.....	2,739,653	976,854	563,333	674,671	596,753
West North Central.....	3,570,612	1,114,662	499,754	535,374	428,048
South Atlantic.....	1,152,980	393,099	257,912	399,251	190,561
East South Central.....	1,324,616	372,010	442,125	314,109	228,558
West South Central.....	2,337,985	714,987	327,590	267,703	397,206
Mountain.....	675,268	285,810	306,666	319,621	248,225
Pacific.....	9,756,683	2,130,667	12,097,643	6,912,825	6,221,064
<b>NEW ENGLAND:</b>					
Maine.....	43,576	22,491	14,667	31,954	2,282
New Hampshire.....	22,562	12,563	7,542	14,509	4,942
Vermont.....	32,920	15,818	7,205	12,927	1,529
Massachusetts.....	41,345	23,871	17,814	28,253	5,919
Rhode Island.....	4,356	2,536	1,822	2,586	371
Connecticut.....	39,209	13,200	13,663	19,419	9,733
<b>MIDDLE ATLANTIC:</b>					
New York.....	919,017	328,329	553,522	519,192	303,688
New Jersey.....	46,547	23,071	6,594	13,478	24,685
Pennsylvania.....	744,348	493,601	295,158	396,005	100,210
<b>EAST NORTH CENTRAL:</b>					
Ohio.....	1,001,734	332,811	215,657	278,506	81,435
Indiana.....	506,968	177,931	77,065	89,073	131,529
Illinois.....	680,957	141,495	78,566	80,384	157,941
Michigan.....	464,917	253,479	181,188	205,765	213,682
Wisconsin.....	105,909	71,153	15,907	20,944	12,166
<b>WEST NORTH CENTRAL:</b>					
Minnesota.....	233,736	167,926	19,920	27,808	21,820
Iowa.....	1,152,641	245,281	168,626	192,421	186,312
Missouri.....	917,854	185,378	234,872	211,472	111,603
North Dakota.....	19,147	35,459	1,048	1,866	365
South Dakota.....	285,258	172,158	3,148	36,872	8,114
Nebraska.....	331,321	194,066	41,010	50,354	42,314
Kansas.....	624,648	126,116	12,590	14,001	57,520
<b>SOUTH ATLANTIC:</b>					
Delaware.....	27,115	3,872	627	540	7,315
Maryland.....	69,996	29,478	13,526	16,192	19,945
District of Columbia.....	104	10	10	10	10
Virginia.....	171,607	59,127	22,597	22,772	71,267
West Virginia.....	234,809	125,078	32,948	48,522	19,123
North Carolina.....	436,503	165,603	61,406	45,274	22,094
South Carolina.....	82,212	21,657	98,217	37,555	16,177
Georgia.....	357,323	126,628	60,845	46,366	36,920
Florida.....	39,921	16,250	17,169	18,976	47,840
<b>EAST SOUTH CENTRAL:</b>					
Kentucky.....	358,588	128,367	136,546	102,446	76,574
Tennessee.....	409,627	108,510	139,063	87,743	75,215
Alabama.....	211,901	51,979	61,712	45,039	11,876
Mississippi.....	257,140	83,164	101,974	79,971	66,793
<b>WEST SOUTH CENTRAL:</b>					
Arkansas.....	133,726	17,957	194,649	137,003	174,734
Louisiana.....	140,939	41,419	31,473	24,641	29,682
Oklahoma.....	439,231	185,820	21,616	29,574	12,037
Texas.....	1,029,359	327,765	75,222	77,925	180,813
<b>MOUNTAIN:</b>					
Montana.....	21,140	15,001	8,777	11,642	373
Idaho.....	302,855	98,017	179,027	132,804	164,468
Wyoming.....	4,364	7,475	659	1,842	7
Colorado.....	147,921	68,225	81,530	81,354	15,224
New Mexico.....	51,257	42,351	15,528	17,054	18,492
Arizona.....	12,156	7,898	8,420	16,261	3,133
Utah.....	139,839	82,388	60,419	64,840	84,884
Nevada.....	6,719	3,817	5,827	4,654	542
<b>PACIFIC:</b>					
Washington.....	823,082	122,912	1,032,077	690,503	229,207
Oregon.....	1,764,896	427,609	1,747,587	838,783	359,821
California.....	7,168,705	1,959,399	9,317,979	5,473,339	5,632,039

<sup>1</sup>Includes Indian Territory.

**Cherries (Table 67).**—The number of cherry trees of bearing age in 1910 was 11,822,000, while trees not of bearing age numbered 5,622,000. The production in 1909 was 4,126,000 bushels, or 43.6 per cent more than that in 1899, 2,873,000 bushels. The crop in 1909 was valued at \$7,231,000. The East North Central was the leading division, both in number of trees and in production, while the Pacific division ranked second in production but third in number of trees not of bearing age and fifth in number of trees of bearing age.

**CHERRIES—TREES, PRODUCTION, AND VALUE.**

DIVISION OR STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
<b>United States.....</b>	<b>11,822,044</b>	<b>5,621,660</b>	<b>4,125,099</b>	<b>\$7,231,160</b>	<b>2,873,499</b>
<b>GEOGRAPHIC DIVISIONS:</b>					
New England.....	68,236	32,587	14,904	38,424	23,445
Middle Atlantic.....	1,522,144	693,733	794,320	1,547,018	775,887
East North Central.....	3,833,974	1,523,247	1,410,288	2,362,344	831,326
West North Central.....	2,708,659	1,177,533	515,690	935,537	297,873
South Atlantic.....	1,063,928	364,118	327,706	394,900	301,799
East South Central.....	413,262	257,112	94,263	143,166	49,457
West South Central.....	388,502	245,369	9,954	14,401	15,635
Mountain.....	390,641	181,641	147,854	349,883	35,868
Pacific.....	986,738	842,900	813,944	1,500,105	439,421
<b>NEW ENGLAND:</b>					
Maine.....	14,288	6,653	2,403	7,164	1,550
New Hampshire.....	9,463	6,323	1,403	4,128	1,183
Vermont.....	18,069	6,659	2,506	7,631	1,669
Massachusetts.....	15,396	6,776	4,761	10,548	6,048
Rhode Island.....	4,453	453	214	364	1,329
Connecticut.....	12,119	5,720	3,623	5,164	12,271
<b>MIDDLE ATLANTIC:</b>					
New York.....	673,989	342,659	271,507	544,508	218,642
New Jersey.....	102,124	36,473	44,638	87,225	82,005
Pennsylvania.....	1,075,631	280,251	473,603	909,975	474,940
<b>EAST NORTH CENTRAL:</b>					
Ohio.....	1,144,271	342,328	333,644	657,406	192,954
Indiana.....	815,742	251,959	363,990	508,216	228,485
Illinois.....	845,283	293,606	287,766	453,474	204,279
Michigan.....	790,183	540,589	338,945	590,829	194,541
Wisconsin.....	290,495	148,775	81,840	152,119	31,067
<b>WEST NORTH CENTRAL:</b>					
Minnesota.....	25,139	38,399	1,528	2,973	960
Iowa.....	908,744	229,362	260,432	455,027	118,743
Missouri.....	622,332	247,425	125,314	223,910	67,708
North Dakota.....	5,078	21,484	209	445	4
South Dakota.....	51,613	76,293	5,924	12,881	800
Nebraska.....	494,488	207,599	80,778	164,872	54,047
Kansas.....	661,207	237,051	34,409	76,734	60,511
<b>SOUTH ATLANTIC:</b>					
Delaware.....	16,145	4,598	2,624	4,850	8,905
Maryland.....	82,305	27,774	42,315	60,121	60,402
District of Columbia.....	235	235	235	235	235
Virginia.....	352,783	83,323	132,671	134,458	188,639
West Virginia.....	332,429	124,967	79,723	111,043	87,828
North Carolina.....	188,948	74,111	55,798	69,433	33,599
South Carolina.....	105,283	25,767	10,867	15,890	6,431
Georgia.....	60,273	23,470	4,979	7,189	5,959
Florida.....	666	498	574	448	1,112
<b>EAST SOUTH CENTRAL:</b>					
Kentucky.....	212,118	102,706	62,163	74,349	34,258
Tennessee.....	201,830	128,456	36,303	60,294	11,658
Alabama.....	25,966	16,673	3,849	4,783	1,190
Mississippi.....	13,748	9,267	2,819	3,749	2,353
<b>WEST SOUTH CENTRAL:</b>					
Arkansas.....	60,046	47,556	5,993	8,424	7,889
Louisiana.....	975	700	272	901	336
Oklahoma.....	295,402	150,127	1,272	6,211	1,821
Texas.....	29,439	43,712	1,062	6,623	2,189
<b>MOUNTAIN:</b>					
Montana.....	19,938	24,237	7,497	17,985	807
Idaho.....	61,881	95,423	22,609	41,768	12,294
Wyoming.....	919	4,025	68	251	1
Colorado.....	203,906	919,424	88,837	173,805	5,387
New Mexico.....	21,925	26,818	6,384	10,684	5,228
Arizona.....	812	1,608	476	894	220
Utah.....	79,773	60,878	21,402	54,179	9,805
Nevada.....	1,588	787	841	840	114
<b>PACIFIC:</b>					
Washington.....	241,098	229,067	131,392	278,547	52,347
Oregon.....	223,456	133,770	181,089	269,904	65,114
California.....	522,304	300,663	501,013	931,624	318,960

<sup>1</sup>Includes Indian Territory.

**Apricots (Table 68).**—The production of apricots is mainly confined to California, which produced 98 per cent of the total crop in 1909. In Kansas, Oklahoma, and Texas there are a good many apricot trees, but the production reported for 1909 was insignificant, perhaps because of temporarily unfavorable climatic conditions. The number of trees of bearing age in the United States in 1910, as reported, was 3,670,000. The production in 1909 was 4,150,000 bushels, or 57.1 per cent more than that in 1899. The value of the crop in 1909 was \$2,884,000.

**Quinces (Table 68).**—The production of quinces is much less important than that of the fruits previously mentioned. The total number of trees of bearing age in 1910 was 1,154,000, and of trees not of bearing age 595,000. The production in 1909, 429,000 bushels, was valued at \$517,000, New York, Ohio, and Pennsylvania being the leading states. This crop was not separately reported at the census of 1900.

#### APRICOTS AND QUINCES—TREES, PRODUCTION, AND VALUE.

STATE.	1910		1909		1899	
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).	Value.
<b>Apricots, total.</b>	<b>3,669,714</b>	<b>956,292</b>	<b>4,150,283</b>	<b>\$2,884,119</b>	<b>2,642,128</b>	<b>6,849</b>
Ariz.	6,665	6,992	10,053	6,849	40,578	1,000
California	2,992,432	531,424	4,076,822	2,768,921	2,547,064	3,369
Colorado	16,841	10,299	11,403	15,658	2,363	10
Kansas	187,381	28,134	374	512	4,226	1,665
Kentucky	16,950	6,537	9,805	14,490	15,719	1,604
Oklahoma	173,515	62,990	1,123	1,270	1,569	1,665
Oregon	10,636	18,128	4,116	7,727	1,665	1,665
Pennsylvania	10,363	7,576	2,302	4,497	1,604	1,604
Texas	66,533	47,896	1,839	2,364	1,620	1,620
Utah	28,978	28,639	12,047	12,037	5,272	5,272
Washington	36,983	80,722	10,759	17,290	5,254	5,254
All other states	124,191	79,828	22,963	29,310	16,163	16,163
<b>Quinces, total.</b>	<b>1,154,399</b>	<b>594,801</b>	<b>428,672</b>	<b>\$17,243</b>	( <sup>1</sup> )	
California	76,979	65,471	32,638	26,296	.....	.....
Connecticut	9,826	10,701	4,827	7,022	.....	.....
Illinois	30,804	12,189	6,723	8,037	.....	.....
Indiana	56,827	17,838	11,873	22,431	.....	.....
Kentucky	29,833	12,313	11,537	11,737	.....	.....
Maryland	20,936	9,146	9,369	8,283	.....	.....
Massachusetts	7,484	4,531	2,863	5,754	.....	.....
Michigan	35,461	15,302	13,494	16,858	.....	.....
New Jersey	14,777	8,134	6,442	10,883	.....	.....
New York	169,031	110,713	132,431	135,345	.....	.....
Ohio	99,910	62,145	81,101	101,369	.....	.....
Oregon	8,102	5,176	5,354	5,140	.....	.....
Pennsylvania	176,849	77,071	62,350	102,431	.....	.....
West Virginia	36,708	22,702	13,161	18,370	.....	.....
All other states	221,682	131,061	31,707	37,188	.....	.....

<sup>1</sup> Includes Indian Territory.<sup>2</sup> Not reported separately.

**Grapes (Table 69).**—The total number of grapevines of bearing age in 1910 was 229,702,000, and the number not of bearing age 59,929,000. The production of grapes in 1909, 2,571,065,000 pounds, was nearly twice as great as in 1899. The value in 1909, \$22,028,000, represented 0.4 per cent of the total value of farm crops. The value given for 1899, \$14,090,000, is not precisely comparable with that for 1909, since it includes the value of such derived products as wine and raisins, while the value given for 1909 represents the fruit alone. Since, however,

in all states except California, the larger part of the grapes are sold in their natural condition, the values shown for most of the states are probably quite closely comparable.

#### GRAPES—VINES, PRODUCTION, AND VALUE.

Table 69 DIVISION OR STATE.	Number of vines of bearing age: 1910	Number of vines not of bearing age: 1910	PRODUCTION (POUNDS).		VALUE.	
			1909	1899	1909	1899 <sup>1</sup>
<b>U. S. ....</b>	<b>223,701,822</b>	<b>59,929,000</b>	<b>2,571,065,205</b>	<b>1,000,984,097</b>	<b>\$22,027,961</b>	<b>\$14,090,000</b>
<b>CONG. DIVS.:</b>						
New Eng.	207,844	92,370	3,413,161	4,324,300	108,348	112,614
Mid.	38,602	12,613,536	17,877,780	299,033,463	4,945,342	3,484,987
E. N. C.	22,708,265	2,825,671	194,773,471	159,939,481	3,129,363	2,244,659
W. N. C.	9,222,514	1,740,265	41,088,522	40,735,442	1,156,625	870,382
E. S.	1,933,341	545,396	32,427,660	29,573,571	909,900	800,000
E. S. C.	1,308,203	205,641	6,145,715	14,817,562	348,307	565,687
W. S. C.	3,937,376	943,918	8,265,667	14,228,318	304,454	371,965
Conn.	107,054	61,679	1,317,632	1,827,999	128,352	115,206
Pacific	144,800,970	40,366,650	1,984,057,404	728,071,000	10,997,000	5,812,610
<b>New Eng.:</b>						
Me.	9,731	1,944	231,529	275,800	6,954	7,584
N. H.	15,802	3,016	372,154	467,500	10,526	14,402
Vt.	9,315	1,845	205,411	260,104	6,328	7,033
Mass.	68,277	14,261	1,132,838	1,308,300	39,588	35,685
R. I.	7,652	1,634	152,337	189,700	9,739	4,736
Conn.	107,054	61,679	1,317,632	1,827,999	128,352	115,206
<b>Mid. Atl.:</b>						
N. J.	31,892,097	3,891,300	233,006,361	247,008,025	3,964,477	2,763,711
Pa.	1,602,281	538,945	16,591,221	2,226,000	132,807	81,758
P. D.	5,271,264	8,232,811	34,020,198	47,125,437	850,708	639,518
<b>W. N. C. ENT.:</b>						
Ohio	8,326,800	455,770	43,933,207	79,178,873	838,594	992,745
Ind.	1,049,232	149,441	12,817,333	18,631,289	287,707	330,305
Ill.	2,170,342	287,734	18,322,735	29,069,400	425,468	383,169
Mich.	11,913,470	1,869,648	120,695,997	41,530,399	1,531,607	603,268
W. Va.	148,348	63,098	701,329	571,459	25,537	15,173
<b>W. N. C.:</b>						
Miss.	61,916	35,950	293,805	575,272	11,021	15,593
Iowa	1,983,465	446,126	11,708,336	7,403,909	330,678	166,360
Mo.	3,026,462	488,660	17,871,816	13,788,800	488,807	314,897
N. Dak.	3,026	379	1,464	1,600	14	108
S. Dak.	38,647	46,981	144,643	16,061	4,788	2,158
Nebr.	1,288,738	48,822	6,332,738	3,117,179	157,748	74,792
Kans.	2,889,845	569,000	6,317,684	15,796,019	184,673	226,649
<b>S. ATL.:</b>						
Del.	260,963	98,950	1,038,267	1,375,300	43,967	31,701
Md.	138,801	44,600	2,152,282	1,688,900	53,498	43,282
D. C.	5,196	2,610	25,830	34,300	1,059	539
Va.	424,701	136,036	4,108,694	3,608,948	159,266	87,737
W. Va.	284,074	76,465	3,224,712	2,192,147	92,814	50,874
N. C.	411,278	120,208	15,716,520	12,344,001	336,058	197,262
S. C.	79,798	19,704	2,016,508	3,323,838	88,629	82,789
Gea.	277,658	38,233	2,707,396	8,330,485	99,216	170,693
Fla.	20,962	8,300	1,086,344	1,684,700	38,337	36,420
<b>E. S. ENT.:</b>						
Ky.	605,002	77,626	3,880,182	5,134,215	137,326	112,350
Tenn.	338,758	76,040	1,978,480	4,355,122	85,420	120,189
Ala.	287,431	77,005	1,728,890	4,237,600	81,880	84,861
Miss.	77,012	34,870	700,665	1,070,625	44,262	39,277
<b>W. S. ENT.:</b>						
Ark.	805,921	177,624	2,593,722	3,621,100	97,985	104,802
La.	31,041	20,936	106,845	176,867	6,099	5,927
Okla.	2,988,232	477,480	17,762,223	10,989,000	174,782	134,782
Tex.	712,201	297,669	1,802,618	4,086,220	78,323	126,385
<b>MOUNTAIN:</b>						
Mont.	986	1,121	370	1,330	17	1,721
Idaho	68,269	124,805	604,227	277,200	18,814	5,173
Wyo.	74	147	159	1,200	32	50
Colo.	101,832	1,037,614	588,800	28,626	17,484	32,310
N. Mex.	280,076	122,307	425,415	1,515,900	16,101	13,317
Ariz.	131,579	84,519	837,842	1,697,206	25,371	24,779
Utah	294,445	94,663	1,778,923	929,001	28,126	17,802
Nev.	26,607	7,941	378,205	257,600	12,045	5,856
<b>PACIFIC:</b>						
Wash.	322,007	371,733	1,704,005	1,194,700	51,412	27,242
Oreg.	381,302	468,598	3,206,874	5,389,100	98,776	162,543
Calif.	144,097,670	39,528,319	1,979,685,233	721,433,400	10,846,812	5,622,325

<sup>1</sup> Includes value of wine, grape juice, raisins, etc.<sup>2</sup> Includes Indian Territory.

California had nearly two-thirds of the total number of vines of bearing age in 1910 and produced more than three-fourths of the total grape crop of 1909. The value of the California product, however, in 1909 represented slightly less than half of the total of the country. The two states which rank next in the

production of grapes are New York and Michigan, but they are raised to some extent in nearly every state. In California and Michigan the production increased greatly between 1899 and 1909.

**Tropical and subtropical fruits** (Tables 70 and 71).—The total value of tropical and subtropical fruits produced in 1909 was \$24,707,000, or nearly three times the value of such fruits produced in 1899. The value of citrus fruits was \$22,711,000, of figs \$804,000, of pineapples \$734,000, and that of olives \$405,000, other fruits being represented by relatively insignificant amounts. The value of the separate kinds of fruit was not reported for 1899. The production of citrus fruits in 1909 amounted to 23,502,000 boxes, as compared with 7,098,000 boxes in 1899—an increase of 231.1 per cent. To the value of the citrus fruits in 1909 oranges contributed \$17,566,000, lemons \$2,994,000, and grapefruit \$2,061,000. Much the greater part of the tropical and subtropical fruit produced in the United States is grown in California and Florida, the value of the product of the former state in 1909 constituting 67.8 per cent of the total, and that of the latter 28.7 per cent.

**Oranges.**—In 1910 the number of orange trees of bearing age was 9,738,000, and the number not of bearing age, 4,327,000.<sup>1</sup> The production in 1909 amounted to 19,487,000 boxes, or more than three times the number in 1899. The value of the 1909 crop was \$17,566,000. Nearly three-fourths of the 1909 crop was produced in California, and most of the remainder in Florida. The production in the latter state in 1909 was about eighteen times as great as in 1899, the crop of the earlier year having been greatly reduced by disastrous frosts.

**Lemons.**—There were 957,000 lemon trees of bearing age in the United States in 1910, and 396,000 not of bearing age. The production in 1909 amounted to 2,770,000 boxes, as compared with 877,000 boxes in 1899—an increase of 215.9 per cent. The value of the crop of 1909 was \$2,994,000, the average value per box being somewhat greater than in the case of oranges. Nearly the entire production of lemons was in California.

**Grapefruit.**—No other class of fruit shows so great an increase between 1899 and 1909 as pomelo, or grapefruit. While the crop of 1899 was affected by the frosts in Florida, the leading state in the growing of this fruit, the production during recent years has been very much greater than during even the most favorable years prior to 1900. The total number of grapefruit trees of bearing age in 1910 was 710,000, and of trees not of bearing age 641,000. The production in 1909 amounted to 1,189,000 boxes, as com-

pared with 31,000 boxes in 1899, and the crop was valued at \$2,061,000.

**Other citrus fruits.**—The other citrus fruits are relatively unimportant. They include limes, tangerines, and kumquats, chiefly produced in Florida, and mandarins, chiefly produced in Louisiana. The total production of limes amounted to only about 11,000 boxes, valued at slightly more than \$12,000. That of tangerines nearly 39,000 boxes, valued at almost \$69,000, while that of mandarins and kumquats was very small.

CITRUS FRUITS—TREES, PRODUCTION, AND VALUE.

**Table 70**

STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (boxes).	Value.	Production (boxes).
All citrus fruits:	11,486,768	5,400,402	23,502,122	\$22,711,448	7,098,486
Oranges, total.....	9,737,927	4,327,271	19,487,481	17,566,464	6,167,891
Arizona.....	33,373	56,982	32,247	55,341	11,116
California.....	6,615,938	2,965,410	14,456,180	12,841,505	5,882,103
Florida.....	2,786,618	1,097,896	4,832,967	4,304,987	2,283
Louisiana.....	265,116	155,016	140,079	222,539	1,295
Mississippi.....	10,422	38,637	3,779	8,648	.....
Texas.....	42,384	867,407	10,694	22,990	.....
Lemons, total.....	956,820	356,111	2,770,312	2,993,738	876,876
California.....	941,293	379,676	2,756,221	2,976,571	874,385
Florida.....	11,740	7,329	12,367	18,753	2,389
Pomeles (grapefruit), total.....	710,040	640,597	1,189,250	2,060,610	30,790
California.....	45,434	25,889	122,515	185,180	17,851
Florida.....	656,213	609,499	1,061,537	1,907,516	12,306
Limes, total.....	45,387	39,239	11,218	12,478	22,829
California.....	45,390	39,088	11,302	12,407	22,714
Tangerines, total.....	27,271	8,873	38,752	68,770	(?)
California.....	3,457	54	3,581	4,188	(?)
Florida.....	23,234	8,839	34,671	64,082	(?)
Mandarins, total.....	7,227	1,823	3,896	6,553	(?)
Louisiana.....	6,875	1,900	3,340	5,945	(?)
Kumquats, total.....	1,988	358	1,112	2,826	(?)
Florida.....	1,955	222	1,091	2,768	(?)

<sup>1</sup> Includes a small number of citron trees in 1910 and the value of their product in 1909, also a small amount of product in 1899.  
<sup>2</sup> Exclusive of a small quantity of citrons.  
<sup>3</sup> No report.

**Figs.**—The production of figs is somewhat more widely distributed than that of the citrus fruits. The total number of trees of bearing age in 1910 was \$22,000, but there was a still larger number not of bearing age. The production in 1909 amounted to 35,060,000 pounds, valued at \$804,000; the crop in 1899 amounted to 12,995,000 pounds. The leading state is California, which produced nearly two-thirds of the total crop in 1909.

**Olives.**—The production of olives is practically confined to California and Arizona. The crop of 1909, 16,405,000 pounds, was more than three times as great as that of 1899.

**Pineapples.**—The production of pineapples in the United States is virtually confined to Florida. The crop of 1909 amounted to 779,000 crates. The production as reported for 1899 was expressed in number of pineapples, but on the basis of the average number per crate (about 30) it amounted to about 95,000 crates.

<sup>1</sup> It should be noted that, as in the case of orchard fruits, the number of tropical and subtropical fruit trees reported as of bearing age in 1900 is believed to have included a good many not of bearing age, and to be, therefore, incomparable with the number for 1910.

**Other tropical and subtropical fruits.**—In addition to the fruits already listed, there are a considerable number of other tropical and subtropical fruits produced in small quantities in the United States, mainly in Florida and California. These include bananas, avocado pears, guavas, mangoes, persimmons (Japanese), loquats, pomegranates, and dates.

**NONCITRUS TROPICAL AND SUBTROPICAL FRUITS—TREES, PRODUCTION, AND VALUE.**

Table 71	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production. <sup>1</sup>	Value.	Production. <sup>1</sup>
<b>Figs, total</b> .....	821,640	1,028,717	35,009,395	\$905,510	12,994,834
Alabama.....	30,834	30,834	1,773,136	99,940	140,970
Arkansas.....	4,174	2,518	80,707	5,953	14,439
California.....	269,001	214,257	22,994,353	209,153	10,630,366
Florida.....	12,764	12,092	474,287	20,836	66,089
Georgia.....	49,424	11,813	1,183,944	50,326	31,880
Louisiana.....	71,464	102,043	2,025,308	87,909	384,560
Mississippi.....	38,654	1,946,301	107,539	61,000	6,489
North Carolina.....	21,054	7,783	690,624	22,632	14,510
South Carolina.....	24,507	7,325	875,136	49,149	61,400
Texas.....	239,171	985,386	2,414,856	97,478	611,460
Virginia.....	10,136	4,228	241,057	9,652	7,840
All other states.....	10,397	7,238	305,136	12,983	966,498
<b>Pineapples, total</b> .....	136,191,399	22,629,521	778,851	734,090	95,456
Florida.....	86,191,758	2,002,585	775,644	754,909	95,441
<b>Olives, total</b> .....	346,175	123,784	16,406,493	404,574	5,983,637
Alabama.....	9,333	1,772	294,395	3,973	13,150
California.....	836,347	121,609	16,132,412	401,277	5,940,227
<b>Bananas, total</b> .....	23,114	7,515	10,060	5,661	1,677,165
Florida.....	22,032	6,885	10,048	5,638	1,645,796
<b>Avocado pears:</b>					
Florida.....	12,064	23,072	4,920	10,100	(?)
<b>Guavas, total</b> .....	15,347	3,807	354,082	11,825	1,677,165
California.....	7,061	443	95,033	4,018	21,370
Florida.....	8,286	3,364	268,709	7,804	1,645,796
<b>Mangoes:</b>					
Florida.....	4,904	7,775	5,278	5,739	(?)
<b>Persimmons (Japanese), total</b> .....	16,491	17,176	4,728	9,667	2,721
California.....	8,274	8,801	2,596	3,544	1,188
Florida.....	4,987	3,895	1,616	2,966	1,302
Texas.....	4,449	2,718	1,175	2,136	51
<b>Loquats, total</b> .....	3,791	1,011	4,541	5,880	(?)
California.....	3,791	1,011	4,541	5,880	(?)
<b>Pomegranates, total</b> .....	8,923	9,275	152,825	4,203	(?)
Alabama.....	1,672	3,552	19,009	617	
Arizona.....	776	347	23,569	477	
California.....	1,771	2,745	30,075	968	
Georgia.....	1,329	27,365	63,736	930	
Nevada.....	2,881	641	45,559	915	
<b>Dates, total</b> .....	4,581	22,269	9,947	5,353	(?)

<sup>1</sup> Expressed in pounds for figs, olives, pears, pomegranates, and dates; in crates for pineapples and avocado pears; in bunches for bananas; in boxes for mangoes and loquats; and in bushels for persimmons (Japanese).

<sup>2</sup> Number of plants.

<sup>3</sup> Not reported separately.

**Nuts (Tables 72 and 73).**—Systematic cultivation of nut trees, which is for the most part comparatively recent in the United States, is as yet largely confined to a few states in the South and on the Pacific coast. Throughout large sections of the country, however, there are many wild nut trees, the aggregate production of which is considerable; but in most cases the nuts obtained from such trees are not looked upon as a commercial crop and are mainly consumed on the farm. Doubtless the production of such wild nuts reported to the Census Bureau is much less than the actual production.

The total nut crop reported for 1909, 62,328,000 pounds, was 55.7 per cent greater than that reported for 1899, and the value, \$4,448,000, was 128.1 per cent greater. California is by far the most important state in the production of nuts, and Texas ranks next. No other state reported as much as \$100,000 worth of nuts in 1909.

**NUTS—PRODUCTION AND VALUE.**

Table 72	STATE.	PRODUCTION (POUNDS). <sup>1</sup>		VALUE. <sup>2</sup>	
		1909	1899	1909	1899
<b>Total</b> .....		82,328,010	40,028,825	\$4,447,674	\$1,949,911
Alabama.....		183,670	37,086	6,315	8,433
Arizona.....		35,854	121,000	4,885	9,328
Arkansas.....		787,854	533,700	27,513	8,808
California.....		28,078,115	17,775,395	2,939,845	1,441,317
Connecticut.....		337,887	85,559	6,102	17,432
Florida.....		382,532	98,470	47,456	8,433
Georgia.....		845,653	173,795	61,186	10,909
Illinois.....		714,478	360,680	20,550	6,320
Indiana.....		439,644	388,800	7,544	6,254
Iowa.....		1,721,265	484,839	36,422	6,547
Kansas.....		402,714	310,830	7,625	6,097
Kentucky.....		946,428	403,270	17,251	5,305
Louisiana.....		736,929	665,770	73,209	31,437
Maryland.....		138,148	65,950	5,687	2,655
Massachusetts.....		134,920	462,800	3,671	12,106
Michigan.....		901,137	470,740	18,852	7,536
Mississippi.....		866,604	313,629	96,855	17,138
Missouri.....		2,823,368	1,747,520	39,746	19,538
Nebraska.....		4,846,336	2,100,000	1,086	1,996
New Hampshire.....		25,531	249,900	3,684	6,329
New Jersey.....		239,628	947,950	7,116	20,669
New York.....		2,770,858	3,451,550	74,420	71,122
North Carolina.....		1,244,629	244,330	28,543	4,413
Ohio.....		559,083	1,171,601	11,691	4,871
Oklahoma.....		1,019,238	430,330	62,168	1,084
Oregon.....		177,632	42,980	13,208	2,560
Pennsylvania.....		5,065,894	2,846,000	60,447	94,449
South Carolina.....		76,013	213,329	26,888	3,868
Tennessee.....		783,670	659,650	14,041	5,828
Texas.....		1,836,979	602,412	60,442	20,771
Virginia.....		944,372	376,440	22,161	5,109
West Virginia.....		871,212	502,900	16,049	4,488
Wisconsin.....		659,628	80,160	18,186	1,560
All other states.....		1,205,666	289,240	22,373	7,025

<sup>1</sup> Does not include coconuts, which are reported by number.

<sup>2</sup> Includes value of coconuts.

<sup>3</sup> Includes Indian Territory.

**ALMONDS, PECANS, AND PERSIAN OR ENGLISH WALNUTS—TREES, PRODUCTION, AND VALUE.**

Table 73	STATE.	1910		1909		1899
		Trees of bearing age.	Trees not of bearing age.	Production (pounds).	Value.	Production (pounds).
<b>Almonds, total</b> .....		1,187,962	389,375	6,792,539	\$711,970	7,142,710
Arizona.....		6,639	845	33,759	4,163	116,510
California.....		1,166,730	366,619	6,662,113	706,944	6,993,210
All other states.....		14,593	22,709	67,367	7,863	33,590
<b>Pecans, total</b> .....		1,619,321	1,656,066	9,890,789	\$791,596	3,206,850
Alabama.....		44,683	125,734	228,341	60,670	60,670
Arkansas.....		13,968	18,811	249,855	17,603	88,000
California.....		6,976	20,781	397,332	45,862	49,800
Georgia.....		75,519	325,779	354,046	47,845	27,440
Illinois.....		28,530	8,223	107,169	16,301	21,889
Louisiana.....		26,827	118,487	625,378	70,655	837,370
Mississippi.....		60,524	148,000	637,283	79,936	262,300
Missouri.....		48,822	7,214	147,429	19,467	75,170
North Carolina.....		6,976	20,781	64,811	8,184	10,900
Oklahoma.....		96,766	53,706	894,172	59,452	116,580
South Carolina.....		33,956	65,769	159,523	20,442	33,020
Texas.....		1,087,019	641,559	3,852,367	356,873	1,810,670
All other states.....		44,019	20,715	174,212	18,987	138,400
<b>Persian or English walnuts, total</b> .....		914,270	806,413	22,028,524	\$2,267,336	10,668,065
California.....		853,257	566,804	21,422,266	2,247,143	10,613,375
Mississippi.....		2,705	5,913	66,492	6,949	6,670
Oregon.....		9,236	17,004	79,060	8,288	5,110
All other states.....		48,862	77,092	448,766	34,966	36,310

<sup>1</sup> Includes Indian Territory.

The most important nut trees are Persian or English walnuts, pecans, and almonds, which are the only nuts that are, on any large scale, produced by cultivation.

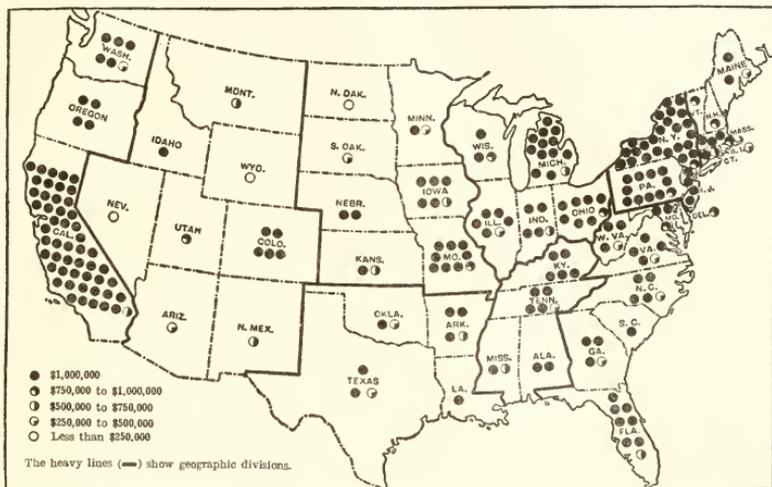
tion. The combined value of these three classes of nuts in 1909 amounted to \$3,981,000, or about nine-tenths of the total for all nuts.

The crop of Persian or English walnuts in 1909, 22,027,000 pounds, was more than twice as great as that in 1899. Most of these nuts were grown in California. The production of pecans in 1909, 9,891,000

pounds, was more than three times as great as that of 10 years earlier. About three-fifths of the crop was grown in Texas, and most of the remainder in Oklahoma, Louisiana, Mississippi, Georgia, and Florida. The production of almonds, which is mainly confined to California, amounted to 6,794,000 pounds in 1909, or somewhat less than in 1899.

## FRUITS AND NUTS.

VALUE, BY STATES: 1909.



## FLOWERS AND PLANTS, NURSERY PRODUCTS, AND FOREST PRODUCTS.

**Flowers and plants.**—Table 74 includes statistics both for flowers and plants raised on ordinary farms and for those raised by florists' establishments devoted exclusively to this branch of industry. Often such establishments have comparatively little land, but raise their products chiefly in greenhouses and by highly intensive methods. The acreage statistics, therefore, have comparatively little significance. The acreage reported for the United States as a whole in 1909 amounted to 18,248. The value of the flowers and plants raised was \$34,872,000, an increase of 85.9 per cent as compared with 1899. These products contributed 0.6 per cent of the total value of crops in 1909. The value of flower seeds is not included in this table, but appears, together with that of vegetable seeds, in Table 38.

As might be expected, the raising of flowers and plants is most extensively carried on in the neighborhood of large cities. New York, Pennsylvania, Illinois, New Jersey, Massachusetts, and Ohio are the leading states in this industry according to value of products. The raising of flowers and plants is also an important industry on the Pacific coast.

**Nursery products.**—As in the case of flowers and plants, the statistics presented in Table 74 cover the raising of nursery products not only on ordinary farms, but also by establishments which devote themselves exclusively to this branch of agriculture, and which employ only intensive methods. The acreage in 1909, 80,618, was 35.5 per cent greater than in 1899, while the value of products, \$21,051,000, was more than twice as great as 10 years earlier, and was equal to 0.4 per cent of the total value of farm crops.

In value of nursery products the Middle Atlantic division ranked first, the West North Central second, the Pacific third, and the East North Central fourth. New York reported a greater value of such products than any other state, California being next in order.

**Forest products.**—The census schedule for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farms, sold, or on hand April 15, 1910;" and also, as a separate item, for the "amount received from sale of standing timber in 1909." The schedule of the 1900 census was substantially similar, except that it did not specifically mention standing timber; it is probable that some sales of standing timber were included in the returns, but that the total value of forest products as reported for 1899 was somewhat lower than it would have been if the schedule had been worded as in 1910. The value of forest products at each census, as shown in Table 74, represents only that derived from farms, which is much less than that derived from land not in farms. Most of the forest products of farms are derived from natural forests, as there is yet little systematic planting of forest trees.

The total value of the forest products of farms in 1909 was \$195,306,283, which is 77.8 per cent greater than that reported for 1899. Of this amount, \$102,782,078 was the value of products used or to be used on the farms themselves, \$70,800,983 that of products sold or intended for sale, and \$21,723,222 the amount received for standing timber. The total value of forest products of farms in 1909 represented 3.6 per cent of the value of all crops.

The production of forest products by farmers is widely distributed. In 1909 the South Atlantic division outranked all others in the value of such products, and was followed by the East North Central and East South Central divisions. The states of North Carolina, New York, and Virginia each reported forest products valued at more than \$10,000,000. In total value of forest products, including those not produced on farms, the ranking of the states would be very different.

# FARM CROPS, BY STATES.

419

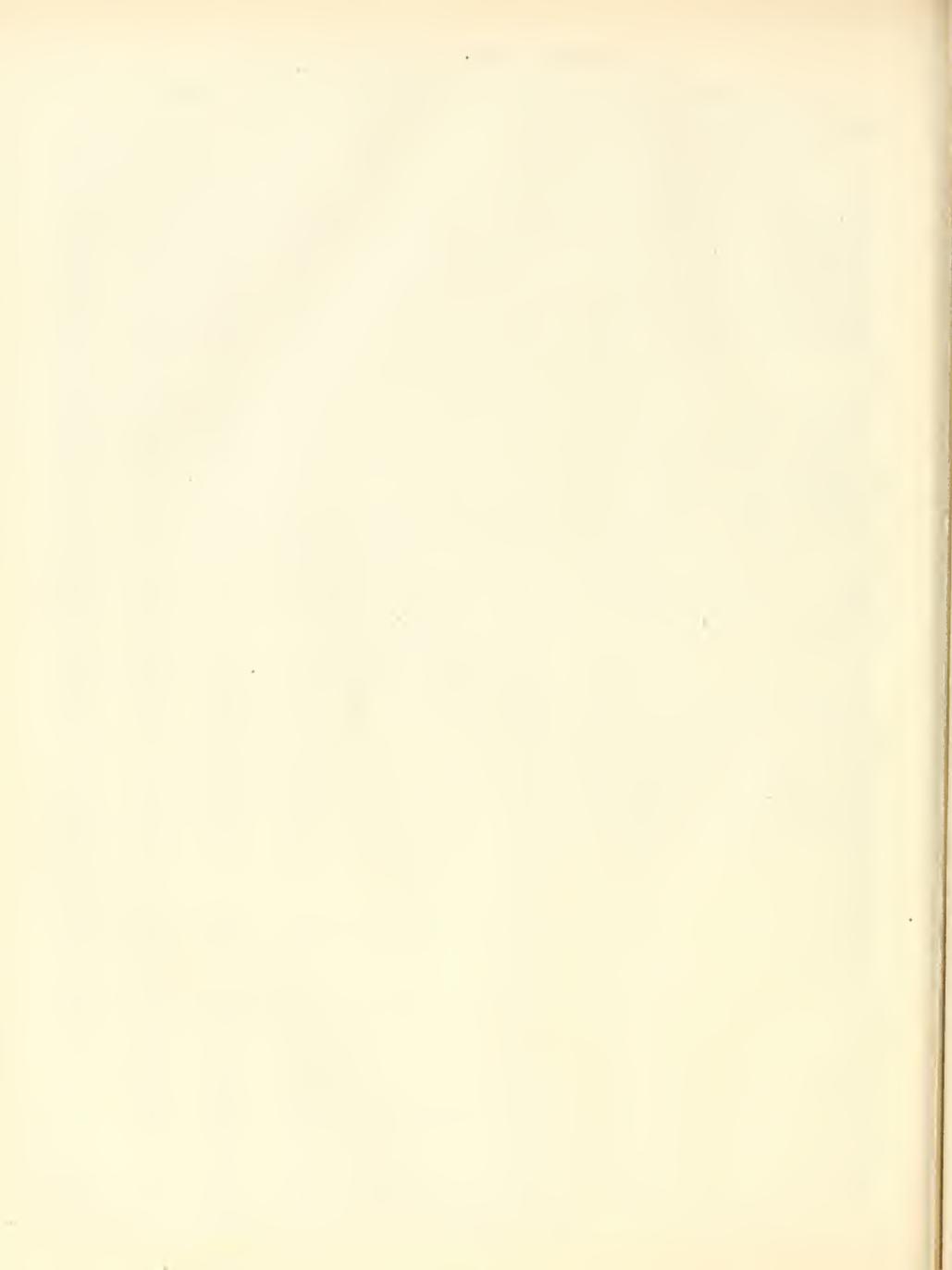
## FLOWERS AND PLANTS, NURSERY PRODUCTS, AND FOREST PRODUCTS OF FARMS: 1909 AND 1899.

Table 74	FLOWERS AND PLANTS.										NURSERY PRODUCTS.				FOREST PRODUCTS OF FARMS.	
	ACREAGE.		VALUE.		ACREAGE.		VALUE.		VALUE.		ACREAGE.		VALUE.		VALUE.	
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
<b>United States</b>	<b>18,248</b>	<b>9,307</b>	<b>\$34,872,528</b>	<b>\$18,758,864</b>	<b>50,618</b>	<b>69,482</b>	<b>\$21,050,822</b>	<b>\$10,123,873</b>	<b>\$195,206,283</b>	<b>\$109,861,774</b>						
<b>GEOGRAPHIC DIVISIONS:</b>																
New England	2,281	1,095	4,677,316	2,703,771	2,647	1,800	989,080	547,563	17,664,763	10,472,941						
Middle Atlantic	6,447	3,182	11,810,076	7,067,038	13,675	13,221	4,355,340	2,323,065	19,110,765	14,621,344						
East North Central	3,859	1,922	9,029,125	4,488,506	13,811	12,063	3,037,823	1,794,842	32,161,851	27,063,648						
West North Central	1,185	638	2,645,343	1,246,913	16,614	12,377	3,841,690	2,002,847	19,891,878	11,780,749						
South Atlantic	1,458	814	1,932,426	1,450,924	9,963	6,080	1,851,351	851,511	44,410,178	18,547,791						
East South Central	647	357	1,065,545	509,124	8,130	4,994	1,147,669	751,319	29,264,946	14,784,182						
West South Central	628	296	846,009	229,351	5,734	4,041	1,711,284	612,413	21,026,984	7,826,858						
Mountain	233	155	753,914	276,209	1,731	963	594,096	231,787	2,380,902	740,033						
Pacific	1,483	764	2,175,572	726,968	8,313	4,083	3,522,489	738,526	9,994,016	4,027,228						
<b>NEW ENGLAND:</b>																
Maine	112	71	301,005	145,131	57	107	23,244	46,207	4,573,763	2,622,252						
New Hampshire	93	38	236,144	108,161	24	34	11,897	7,012	3,610,178	2,296,265						
Vermont	23	38	78,726	38,575	37	74	11,014	6,625	3,638,537	2,108,518						
Massachusetts	1,203	584	2,455,467	1,639,760	1,547	894	605,875	260,069	2,668,410	1,944,714						
Rhode Island	290	177	558,543	314,805	212	86	75,544	42,236	312,022	195,472						
Connecticut	560	187	1,047,431	487,338	770	605	261,506	142,355	1,861,853	1,275,720						
<b>MIDDLE ATLANTIC:</b>																
New York	2,979	1,496	5,148,949	2,867,073	8,680	8,238	2,750,957	1,642,107	10,365,651	7,671,108						
New Jersey	1,436	613	2,857,790	1,933,290	2,167	1,782	681,814	339,926	738,515	469,055						
Pennsylvania	2,032	1,073	3,808,418	2,246,075	2,828	3,201	922,569	541,632	7,986,689	6,881,181						
<b>EAST NORTH CENTRAL:</b>																
Ohio	1,070	685	2,384,830	1,399,957	4,718	4,699	860,351	538,612	5,761,941	5,625,897						
Indiana	496	174	1,212,891	400,730	1,850	1,646	411,387	254,803	5,608,322	5,235,459						
Illinois	1,359	679	3,694,801	1,894,960	3,454	3,142	822,284	678,306	3,325,259	2,555,890						
Michigan	702	290	1,143,704	521,987	3,034	1,840	642,774	338,544	7,911,901	7,530,369						
Wisconsin	212	194	562,839	270,872	755	736	300,027	85,087	9,589,428	6,116,033						
<b>WEST NORTH CENTRAL:</b>																
Minnesota	163	143	693,935	288,055	3,854	1,127	863,014	383,105	5,181,508	2,602,338						
Iowa	361	140	657,393	320,407	3,430	2,905	845,912	619,092	3,649,020	3,266,449						
Missouri	383	181	653,003	409,860	2,459	2,971	929,394	349,449	4,806,823	4,442,131						
North Dakota	4	2	47,221	2,900	472	131	30,997	7,249	235,386	112,807						
South Dakota	19	11	50,008	3,260	399	200	70,827	12,856	257,126	106,284						
Nebraska	44	86	356,168	142,636	1,967	1,594	553,053	234,633	795,033	412,746						
Kansas	161	75	273,715	79,765	4,003	3,449	948,493	447,033	1,366,950	837,997						
<b>SOUTH ATLANTIC:</b>																
Delaware	44	30	71,429	67,013	182	174	36,057	17,241	346,062	250,481						
Maryland	478	174	507,001	355,862	4,240	1,275	465,900	123,474	2,349,045	1,170,362						
District of Columbia	240	217	303,509	519,565	( <sup>1</sup> )	1	150	325	238	56						
Virginia	375	143	362,188	238,712	569	1,209	150,992	214,988	10,118,851	3,797,116						
West Virginia	25	39	78,737	44,384	464	547	79,268	61,700	4,094,454	2,822,890						
North Carolina	107	61	128,993	31,163	754	1,140	266,968	135,084	11,364,134	4,915,991						
South Carolina	23	28	52,094	7,920	21	84	4,409	4,416	4,513,092	1,915,290						
Georgia	144	77	271,427	154,888	1,502	657	366,433	172,143	8,638,300	3,217,119						
Florida	49	45	69,106	41,417	2,231	663	478,174	122,140	2,375,882	648,412						
<b>EAST SOUTH CENTRAL:</b>																
Kentucky	240	132	392,409	292,288	542	837	115,963	114,749	7,843,142	4,179,480						
Tennessee	239	140	344,579	175,979	3,976	2,838	697,703	474,133	5,510,710	6,086,624						
Alabama	120	53	168,239	45,950	3,079	1,038	239,057	131,132	6,308,151	2,494,452						
Mississippi	39	62	100,321	26,907	533	181	74,946	31,305	6,602,943	3,623,626						
<b>WEST SOUTH CENTRAL:</b>																
Arkansas	26	25	153,421	25,830	828	868	198,570	131,045	6,914,262	2,468,718						
Louisiana	227	89	126,212	76,628	502	276	87,643	63,503	3,584,340	1,381,867						
Oklahoma	40	19	92,016	16,644	857	804	171,952	103,204	1,602,720	1,456,240						
Texas	335	467	474,360	120,240	3,847	2,093	1,233,110	314,511	8,925,062	3,520,033						
<b>MOUNTAIN:</b>																
Montana	20	17	104,601	33,630	341	62	174,427	17,825	541,800	176,134						
Idaho	18	5	45,314	2,805	530	115	143,234	38,431	1,280,512	315,821						
Wyoming	6	5	12,280	2,480	( <sup>2</sup> )	2	1,680	215	104,239	14,700						
Colorado	154	137	468,685	198,479	241	497	72,090	65,936	305,719	113,055						
New Mexico	8	5	31,121	4,442	24	32	9,182	5,733	253,822	34,268						
Arizona	6	2	11,177	235	18	14	4,535	2,914	45,312	48,577						
Utah	20	14	81,116	34,173	577	236	138,455	120,648	6,730	13,325						
Nevada	10	( <sup>1</sup> )	1,620	25	( <sup>2</sup> )	5	493	65	42,748	23,853						
<b>PACIFIC:</b>																
Washington	340	34	518,226	50,450	1,342	155	525,681	28,699	3,754,263	1,002,126						
Oregon	130	58	265,833	95,872	2,168	1,014	783,020	151,408	2,889,991	1,300,724						
California	1,013	672	1,388,513	580,646	4,803	2,914	2,212,788	558,329	2,949,732	1,724,378						

<sup>1</sup> Less than 1 acre.

<sup>2</sup> Includes Indian Territory.

<sup>3</sup> Reported in small fractions.



## CHAPTER 14.

### IRRIGATION AND IRRIGATED CROPS.

**Introduction.**—This chapter contains, in condensed form, the principal data regarding irrigation derived from the Thirteenth Decennial Census, taken in the year 1910.

An amendment to the Thirteenth Census act, approved February 25, 1910, contained the following clause relating to irrigation:

Inquiries shall also be made as to the location and character of irrigation enterprises, quantity of land irrigated in the arid region of the United States and in each state and county in that section under state and Federal laws; the price at which these lands, including water rights, are obtainable; the character and value of crops produced on irrigated lands, the amount of water used per acre for said irrigation and whether it was obtainable from national, state, or private works; the location of the various projects and methods of construction, with facts as to their physical condition; the amount of capital invested in such irrigation works.

As the Office of Experiment Stations of the United States Department of Agriculture employs a corps of state irrigation agents, an arrangement was made by which these state irrigation agents cooperated in the supervision in their respective states of the work of the special agents of the Bureau of the Census in collecting statistics of irrigation.

The information called for by this law which could be supplied by farm operators was obtained on supplemental schedules by the regular census enumerators as a part of the agricultural census. The remaining data, which were supplied by the owners or officials of irrigation enterprises, were obtained on special schedules by the special agents. The data relating to crops presented here were taken from the supplemental schedules filled out by the agricultural enumerators. With the exception of the statistics as to the number of farms irrigated, which were obtained as explained on the following page, all the other data presented here were taken from the special schedules.

The law relating to the special irrigation census, quoted above, provided that the inquiry should cover the "arid region of the United States." For the purposes of this report the "arid region" has been held to include all sections of the United States where irrigation is generally practiced in the growing of farm crops. As defined in this way, the "arid region" includes the western parts of the tier of states formed by

the Dakotas, Nebraska, Kansas, Oklahoma, and Texas, and all of the states between these and the Pacific Ocean. In parts of this great territory there is abundant rainfall; but in each of the states comprised in it there are considerable sections, and in some very extensive areas, where farming is largely dependent upon irrigation.

The special inquiry was also extended to the rice growing districts of Louisiana, Texas, and Arkansas, but the rice district has been treated separately in this report. (See p. 431.)

In accordance with the law, the enterprises have been classified primarily according to their legal status—that is, according to the state or Federal laws by virtue of which they were created, or according to other features of their legal and economic form. The types of enterprises distinguished are as follows:

**United States Reclamation Service enterprises**, established under the Federal law of June 17, 1902, providing for the construction of irrigation works with the receipts from the sale of public lands.

**United States Indian Service enterprises**, established under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

**Carey Act enterprises**, established under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

**Irrigation districts**, which are public corporations established under state laws and empowered to issue bonds and levy and collect taxes for the purchase or construction of irrigation works.

**Cooperative enterprises**, which are controlled by the water users combined in some organized form of cooperation under state laws. The most common form of organization is the stock company, the stock of which is owned by the water users. In Arizona and New Mexico many of the cooperative enterprises are operated under laws regulating "community" ditches.

**Individual and partnership enterprises**, which belong to individual farmers, or to groups of farmers associated without formal organization. It is not always possible to distinguish between partnership and cooperative enterprises; but as the difference is slight this is unimportant.

**Commercial enterprises**, incorporated or otherwise, which supply water for compensation to parties who own no interest in the works. Persons obtaining water from such enterprises are usually required to pay for the right to receive water and to pay, in addition, annual charges based in some instances on the acreage irrigated and in others on the quantity of water received.

## THE ARID REGION AS A WHOLE.

**Summary.**—Table 1 summarizes the principal data for the arid region as a whole as returned at the census of 1910, and includes corresponding data for the preceding census as far as available. Unless otherwise indicated the figures relate to the year in which the census was taken. In the reports of the censuses of 1900 and 1890 data relating to irrigation on Indian reservations were excluded from the totals for the arid region, but for the later census they are included. Since the acreage which was irrigated on Indian reservations in 1909 was only 172,912, or 1.3 per cent of the total acreage reported as irrigated, it has not been deemed advisable to eliminate the figures for Indian reservations in making comparisons between the different censuses. The general agricultural statistics given in the table for purposes of comparison cover the entire areas of the states included in the arid region, as defined on the preceding page, although in some of the states the territory which requires no irrigation vastly exceeds the irrigated territory.

The number of farms irrigated is the number of farms on which irrigation is practiced, regardless of the extent of such irrigation, and is equivalent to the term "number of irrigators" used in previous census reports. The number given for 1909 is made up of the number reported on the supplemental agricultural schedules by

the regular enumerators, together with an estimate of the number of farms served by enterprises which were reported by special agents but not by the regular enumerators. The reports of the special agents stated only the acreage supplied by such enterprises, and the number of farms was estimated on the basis of the average acreage irrigated per farm, as shown by the supplemental schedules.

The acreage irrigated in 1909 is that reported by the special agents from information secured from owners or officials of irrigation enterprises or, in some instances, from public records. This acreage is probably in some measure an overstatement. There is a natural tendency for the officials of irrigation enterprises to report as irrigated the entire areas of farms of which only a part is irrigated. Furthermore, some farms receive water from more than one enterprise, and may be reported as irrigated by each, which results in duplication. It is believed, however, that the acreage given is within 10 per cent of the correct figure. In addition to information as to the acreage irrigated in 1909 data were collected as to the acreage the enterprises were capable of supplying with water in 1910 and the total acreage which enterprises completed or under way in 1910 were designed to supply ultimately (designated as "acreage included in projects").

Table 1	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Number of farms <sup>1</sup> .....	1,440,822	1,095,675	345,147	31.5
Approximate land area <sup>1</sup> ..... acres..	1,161,385,600	1,161,385,600		
Land in farms <sup>1</sup> ..... acres..	388,606,991	348,780,221	39,826,770	11.4
Improved land in farms <sup>1</sup> ..... acres..	173,433,957	119,709,592	53,724,365	44.9
Number of farms irrigated.....	<sup>2</sup> 158,713	<sup>3</sup> 107,489	51,224	47.7
Acreage irrigated.....	<sup>2</sup> 13,738,485	<sup>3</sup> 7,518,527	6,219,958	82.7
Acreage enterprises were capable of irrigating.....	19,334,697 <sup>(4)</sup>	(4)		
Acreage included in projects.....	31,111,142	(4)		
Number of enterprises.....	54,700	(4)		
Total length of ditches..... miles..	125,591	(4)		
Length of main ditches..... miles..	87,329	(4)		
Length of lateral ditches..... miles..	38,062	(4)		
Number of reservoirs.....	6,812	(4)		
Capacity of reservoirs..... acre-feet..	12,581,129	(4)		
Number of flowing wells.....	5,070	(4)		
Number of pumped wells.....	14,558	(4)		
Number of pumping plants.....	13,906	(4)		
Capacity of power plants..... horsepower..	243,435	(4)		
Acreage irrigated with pumped water.....	<sup>2</sup> 477,625	(4)		
Acreage irrigated from flowing wells.....	<sup>2</sup> 144,400	(4)		
Cost of irrigation enterprises.....	\$307,866,369	<sup>5</sup> \$66,962,275	\$240,904,094	359.8
Average cost per acre.....	<sup>6</sup> \$15.92	<sup>7</sup> \$8.91	(8)	
Average cost of operation and maintenance, per acre.....	<sup>2</sup> \$1.07	<sup>8</sup> \$0.38	\$0.69	181.6

<sup>1</sup> Figures relate to entire areas of states in the arid region, the figures for 1900 including Indian Territory.

<sup>2</sup> In 1909.

<sup>3</sup> In 1909.

<sup>4</sup> Not reported.

<sup>5</sup> Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.

<sup>6</sup> Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.

<sup>7</sup> Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.

<sup>8</sup> Figures not comparable. (See explanation in text.)

The number of farms on which irrigation was practiced, for purposes other than rice growing, in 1909 in the states of the arid region was 158,713, or 11 per cent of the total number of farms in the same states.

While the total number of farms in this region, including the entire area of states in which irrigation is practiced in the western part, increased 31.5 per cent between 1900 and 1910, the number of farms on

which irrigation was practiced increased 47.7 per cent between 1899 and 1909, the irrigated farms forming a larger percentage of all farms in 1909 than in 1899. The acreage reported as irrigated in 1909 was 13,738,485, which constitutes 1.2 per cent of the total land area of the same states, 3.5 per cent of the total land in farms, and 7.9 per cent of the improved land in farms. There was an increase of 82.7 per cent in such acreage between 1899 and 1909, a rate of increase much higher than that in the number of farms irrigated, the average irrigated acreage per farm being greater for 1909 than for 1899.

The acreage to which enterprises were ready to supply water in 1910 was 19,334,697, or 5,596,212 acres in excess of the acreage irrigated in 1909, while the acreage included in all projects in 1910, whether completed or in process of development, was 31,111,142, or 17,372,657 acres greater than the acreage reported as irrigated in 1909.

The total length of ditches used for irrigation in 1906 was 125,591 miles. There were 6,812 reservoirs hav-

ing a combined capacity of 12,581,129 acre-feet, or nearly 1 acre-foot of reservoir capacity for each acre irrigated from any source in 1909. The number of pumping plants reported was 13,906 and the acreage supplied by them 477,625.

The total cost of irrigation enterprises to July 1, 1910, was \$307,866,369, or \$15.92 per acre of the land which these enterprises were capable of supplying with water in 1910. The increases in the items relating to cost are the most conspicuous shown. The total cost of irrigation enterprises increased between 1900 and 1910 by 359.8 per cent, and the average cost per acre covered increased also, although much less in degree. (As to the comparability of the figures for this item, however, see the discussion of this subject following Table 12.) The average cost of operation and maintenance per acre of land irrigated for the year 1909 shows also a large increase—181.6 per cent—over the cost shown for 1899. It is believed, however, that the cost shown for 1899 is not properly comparable with that for 1909.

### FARMS AND ACREAGE IRRIGATED.

**Number of farms irrigated.**—Table 2 gives, by states, the number of farms irrigated in 1909, 1899, and 1889, together with the decennial rates of increase.

STATE.	FARMS IRRIGATED.					
	1909	1899	1889	Increase. <sup>1</sup>		
				1899-1909	1889-1899	
				Number.	Per cent.	Per cent.
<b>Total</b> .....	<b>158,713</b>	<b>107,489</b>	<b>54,136</b>	<b>51,224</b>	<b>47.7</b>	<b>88.6</b>
Arizona.....	4,541	2,981	1,075	1,860	62.4	177.3
California.....	33,302	25,611	15,732	35,741	33.7	86.5
Colorado.....	25,837	17,613	9,659	8,244	46.8	82.3
Idaho.....	16,439	8,987	4,323	7,432	82.9	107.9
Kansas.....	1,066	929	519	77	8.3	79.0
Montana.....	8,870	8,043	3,706	927	11.5	117.0
Nebraska.....	1,832	1,352	214	-89	-4.1	892.8
Nevada.....	2,406	1,906	1,167	500	26.2	63.3
New Mexico.....	12,795	7,884	3,085	4,911	62.3	155.6
North Dakota.....	69	54	7	15	(?)	(?)
Oklahoma.....	137	126	13	10.5	.....	.....
Oregon.....	6,669	4,836	3,150	2,033	43.9	47.1
South Dakota.....	500	606	189	-106	-17.5	220.6
Texas <sup>2</sup> .....	4,150	1,252	623	2,898	231.5	101.0
Utah.....	19,709	17,924	9,724	1,785	10.0	84.3
Washington.....	7,664	3,286	1,046	4,378	133.2	214.1
Wyoming.....	6,297	3,721	1,917	2,576	69.2	94.1

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Per cent not calculated when base is less than 100.

<sup>3</sup> Exclusive of farms irrigated for rice growing.

The total number of farms on which irrigation was practiced in 1909 was 158,713. California contained the largest number of such farms, having about one-fourth (24.8 per cent) of the total number, and Colorado the next largest number, nearly one-sixth (16.3 per cent) of the total, while Utah ranked third in this respect, with about one-eighth (12.4 per cent) of the total.

The percentage of increase between 1889 and 1899 in the number of farms irrigated was more than double that during the succeeding decade, but the absolute

increases during the two decades were approximately equal. Nebraska showed the largest percentage of increase during the former period and Texas during the latter period, but in neither state is the actual number of irrigated farms large. In Nebraska and South Dakota there were decreases between 1899 and 1909. The largest absolute increase in both decades was in California. In the period 1899 to 1909 the next largest increase was in Colorado, and in the period 1889 to 1899 in Utah.

**Acreage irrigated.**—Table 3 gives, by states, the acreage irrigated in the arid region in 1909, 1899, and 1889, respectively, with the percentage of increase in each decade.

STATE.	ACREAGE IRRIGATED.					
	1909	1899	1889	Increase.		
				1899-1909	1889-1899	
				Amount.	Per cent.	Per cent.
<b>Total</b> .....	<b>13,738,485</b>	<b>7,518,527</b>	<b>3,631,381</b>	<b>6,219,958</b>	<b>82.7</b>	<b>107.0</b>
Arizona.....	320,051	185,396	65,821	134,655	72.6	81.7
California.....	2,664,104	1,845,872	1,004,235	1,218,232	84.3	44.0
Colorado.....	1,611,271	900,735	1,380,741	1,380,741	73.3	88.8
Idaho.....	1,430,848	692,568	217,005	828,280	137.5	177.7
Kansas.....	37,479	23,620	20,818	13,859	58.7	13.5
Montana.....	1,679,084	951,154	350,582	727,930	76.5	171.3
Nebraska.....	255,950	148,538	11,744	107,412	72.3	1,164.8
Nevada.....	701,333	508,168	224,403	107,663	29.2	124.7
New Mexico.....	461,718	203,893	91,745	237,825	126.5	122.2
North Dakota.....	10,248	4,732	445	5,376	110.3	994.8
Oklahoma.....	4,388	2,799	.....	1,629	59.0	.....
Oregon.....	686,129	388,310	117,044	267,519	70.7	118.2
South Dakota.....	69,248	45,670	15,717	19,372	44.8	177.0
Texas <sup>3</sup> .....	164,283	46,032	18,241	122,331	301.2	154.5
Utah.....	999,410	629,293	263,473	370,117	58.3	134.8
Washington.....	334,378	126,307	48,799	208,071	164.7	158.8
Wyoming.....	1,133,302	608,878	229,676	377,424	87.1	103.8

<sup>1</sup> Exclusive of land irrigated for rice growing.

The total acreage reported as irrigated in 1909 was 13,738,485, an increase of 6,219,958 acres, or 82.7 per cent, as compared with 1899. The increase in the preceding decade was 3,887,146 acres, or 107 per cent.

In total acreage irrigated California ranked first in 1889, Colorado second, and Montana third. In both 1899 and 1909 Colorado reported the largest irrigated acreage, while California and Montana were second and third, respectively. Idaho followed closely in 1909. From 1899 to 1909 California showed the largest absolute increase, followed by Colorado, Idaho,

and Montana in the order named. In percentage of increase for this decade, however, Texas ranked first, Washington second, Idaho third, and New Mexico fourth.

Acreage irrigated in 1909, acreage enterprises were capable of irrigating in 1910, and acreage included in projects.—In Table 4 data as to the acreage irrigated in 1909, the acreage enterprises were capable of irrigating in 1910, and the acreage included in projects are presented, with classification according to the type of enterprise.

STATE.	ALL CLASSES OF ENTERPRISES.			U. S. RECLAMATION SERVICE.			U. S. INDIAN SERVICE.			CAREY ACT ENTERPRISES.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
<b>Total</b> .....	<b>13,738,485</b>	<b>19,334,687</b>	<b>31,111,142</b>	<b>395,646</b>	<b>786,190</b>	<b>1,973,016</b>	<b>172,912</b>	<b>376,576</b>	<b>879,068</b>	<b>288,555</b>	<b>1,089,677</b>	<b>2,573,874</b>
Arizona.....	320,051	387,655	944,090	138,364	164,500	370,000	19,386	20,974	36,017			
California.....	2,664,191	3,618,378	5,490,260	1,200	1,390	3,490	3,490	3,500				
Colorado.....	2,792,032	3,990,166	5,917,437	16,600	30,000	193,000	1,020	2,020	30,020	485	6,885	59,880
Idaho.....	1,430,848	2,388,939	3,549,573	47,500	113,000	295,000	3,426	21,540	51,540	162,418	742,618	1,098,661
Kansas.....	37,479	139,995	161,300	6,933		10,677						
Montana.....	1,679,084	2,205,155	3,515,402	14,077	85,245	113,744	67,417	114,340	440,940	9,648	40,000	306,997
Nebraska.....	255,909	429,225	680,133	30,536	66,241	107,530	390	300	600			
Nevada.....	701,833	840,962	1,232,142	30,000	90,185	216,185	2,597	3,381	18,660			
New Mexico.....	461,718	644,970	1,162,297	13,398	21,467	30,267	24,007	24,743	37,435			16,000
North Dakota.....	10,248	21,917	38,173	1,610	12,096	24,480						
Oklahoma.....	4,388	6,397	8,528									
Oregon.....	686,129	880,526	2,597,208	22,000	45,319	185,000	429	439	879	24,750	55,500	623,264
South Dakota.....	63,248	128,481	201,625	5,613	47,568	101,967	50	50	100			
Texas <sup>1</sup> .....	164,283	340,641	753,699									
Utah.....	999,410	1,250,246	1,947,625				11,520	86,600	166,000	5,000	20,000	43,000
Washington.....	334,378	470,514	817,032	55,690	74,509	143,096	35,000	50,000	100,000			
Wyoming.....	1,138,302	1,639,310	2,224,298	12,903	34,869	167,880	4,270	48,699	63,657	86,202	208,974	429,472

STATE.	IRRIGATION DISTRICTS.			COOPERATIVE ENTERPRISES.			INDIVIDUAL AND PARTNERSHIP ENTERPRISES.			COMMERCIAL ENTERPRISES.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
<b>Total</b> .....	<b>528,642</b>	<b>800,451</b>	<b>1,581,465</b>	<b>4,643,539</b>	<b>6,191,577</b>	<b>8,830,197</b>	<b>6,287,387</b>	<b>7,666,110</b>	<b>10,153,545</b>	<b>1,491,906</b>	<b>2,424,116</b>	<b>5,118,877</b>
Arizona.....				101,025	120,559	300,639	61,196	81,422	175,834	80	200	1,600
California.....	173,793	294,108	696,351	779,020	984,570	1,388,435	961,136	1,131,951	1,039,951	746,265	1,204,059	1,965,093
Colorado.....	115,394	207,370	487,370	1,273,141	1,870,447	2,436,367	1,226,025	1,581,941	2,039,353	139,437	292,103	681,687
Idaho.....	140,930	177,909	329,796	628,102	782,603	903,746	403,690	483,946	670,568	44,872	67,332	104,322
Kansas.....				27,472	135,200	144,200	3,154	4,795	6,423			
Montana.....	412	6,640	6,640	333,926	373,022	518,209	1,191,000	1,495,513	1,982,230	62,544	80,885	146,852
Nebraska.....	76,448	177,228	91,076	78,605	168,200	240,009	45,227	64,472	86,305	24,834	32,724	154,623
Nevada.....				78,566	88,255	129,209	181,400	649,841	844,128	8,864	9,200	24,300
New Mexico.....				16,400	29,911	353,327	482,634	144,712	185,263	28,190	38,150	224,930
North Dakota.....				2,000	3,000	3,000	8,638	9,821	13,093			
Oklahoma.....				149,985	169,944	399,632	410,078	454,074	649,986	77,387	93,750	692,467
Oregon.....	1,500	1,500	5,989	13,091	18,243	22,687	37,484	58,830	69,971	6,300	6,800	6,900
South Dakota.....				41,186	75,011	140,795	49,657	65,286	104,044	73,440	200,344	502,860
Texas <sup>1</sup> .....	8,455	8,455	10,802	687,200	799,315	1,239,331	222,448	257,056	376,562	64,727	131,970	131,970
Utah.....				81,122	90,805	115,410	95,655	117,145	192,310	66,911	138,064	266,216
Washington.....				116,317	165,476	189,894	813,823	1,024,137	1,153,378	87,935	133,203	195,967
Wyoming.....	11,860	27,050	27,050									

<sup>1</sup> Exclusive of land irrigated for rice growing.

The enterprises were reported in 1910 as capable of irrigating 19,334,697 acres, which is 5,596,212 acres in excess of the acreage actually irrigated in 1909. This excess shows the extent to which the irrigated area can be enlarged without the construction of additional works. It does not, however, represent land available for settlement in the later year, as much of the land that was under ditch in 1910 but not irri-

gated in 1909 was already taken up, being in farms not completely under cultivation. The excess acreage lies principally in Colorado, Idaho, California, Montana, and Wyoming, these states ranking in the order named in this respect.

The acreage included in projects which were either completed or under way July 1, 1910, as reported by the various enterprises—31,111,142—was 17,372,657

acres greater than the acreage irrigated in 1909. The figure would indicate the amount by which the irrigated acreage may be extended upon the completion of existing enterprises, were it not probable that the owners of these enterprises in some cases have overestimated what they can accomplish. It is certain, however, that much additional land will later be provided with a water supply by works that were in process of construction in 1910. The amount of excess of the acreage included in projects over that irrigated in 1909 is also greatest in the states named in the preceding paragraph and in Oregon.

Table 5 shows by percentages the relative importance of the several classes of enterprises as judged by acreage.

CLASS OF ENTERPRISE.	PER CENT OF TOTAL FOR ARID REGION.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
All classes.....	100.0	100.0	100.0
U. S. Reclamation Service.....	2.9	4.1	6.3
U. S. Indian Service.....	1.3	1.9	2.8
Carey Act enterprises.....	2.1	5.5	8.3
Irrigation districts.....	3.3	4.1	5.1
Cooperative enterprises.....	33.8	32.0	28.4
Individual and partnership enterprises.....	45.5	39.6	32.6
Commercial enterprises.....	10.6	12.5	16.5

Nearly one-half (45.5 per cent) of the acreage irrigated in 1909 was served by individual and partnership enterprises, and about one-third (33.8 per cent) by

cooperative enterprises, which are controlled by the water users. Irrigation districts, which served 3.8 per cent, are also controlled by the water users. Thus about 83 per cent of the acreage irrigated in 1909 received a water supply from works controlled by the water users. United States Reclamation Service and Carey Act enterprises, which irrigated 2.9 per cent and 2.1 per cent, respectively, of this total acreage, are to be turned over to the water users when the rights are paid for, and many of the commercial enterprises are operating under a similar arrangement.

Acreage irrigated, classified by source of water supply.—In Table 6 the acreage irrigated in the arid region in 1909 is classified according to the source of the water supply. Where a supply is received from more than one source, the land is classified under the source from which the principal supply is derived. In the aggregate considerable areas are supplied with water from more than one source. Thus, in California, large areas receive water both by gravity diversion from streams and by pumping from wells, while in Texas some of the newer canals on the Rio Grande receive water by gravity when the river is high and by pumping when the river is low. In both instances most of this land is classed with the acreage that received water by gravity from streams. The only reservoirs which are treated as independent sources of supply are those filled by collecting storm water or from watercourses which are ordinarily dry. When reservoirs are filled from streams or wells, the primary source is considered the source of supply.

Table 6

STATE.	Supplied from—								Total irrigated with pumped water.	
	Total.	Streams.		Wells.		Lakes.		Springs.		
		By gravity.	By pumping.	Flowing.	By pumping.	Reservoirs.	By gravity.			By pumping.
<b>Total</b> .....	<b>13,738,485</b>	<b>12,763,797</b>	<b>157,775</b>	<b>144,400</b>	<b>307,496</b>	<b>98,193</b>	<b>58,284</b>	<b>12,354</b>	<b>196,186</b>	<b>477,625</b>
Arizona.....	320,051	309,067	7,711	1,489	6,496	487	570		3,631	13,807
California.....	2,664,104	2,216,757	29,965	74,128	276,993	16,410	15,896	2,574	31,779	309,134
Colorado.....	2,792,022	2,745,035	13,248	5,171	18,993	422	634		8,329	16,093
Idaho.....	1,430,848	1,383,718	18,685	1,172	705	732	4,622	1,345	19,679	20,925
Kansas.....	37,479	35,469	20	2	1,959				2	1,979
Montana.....	1,679,084	1,624,656	7,963	207	55	22,614	5,617	5	17,967	8,023
Nebraska.....	255,900	254,105	18		139	1,062			686	157
Nevada.....	701,832	661,209	463		156	138	660	406	38,840	9,046
New Mexico.....	461,718	397,059	1,333	48,877	5,952	1,272	862		395	7,485
North Dakota.....	10,248	7,153	1,614		1,280					200
Oklahoma.....	4,388	4,245	50		69	20	28		16	119
Oregon.....	686,129	643,281	3,385	655	805	3,279	25,915	821	16,788	5,211
South Dakota.....	83,248	47,122	940	1,448	8	13,553	249		295	348
Texas <sup>1</sup> .....	164,283	75,496	59,196	3,710	6,152	6,203	163	295	13,088	65,643
Utah.....	999,410	954,800	2,559	4,100	300	568	1,671		33,412	2,859
Washington.....	334,378	301,341	9,085	3,227	5,437	299	4,698	6,084	4,207	20,666
Wyoming.....	1,133,702	1,112,234	1,540	624	75	14,261	120		5,008	1,615

<sup>1</sup> Exclusive of land irrigated for rice growing.

More than nine-tenths (92.9 per cent) of the acreage irrigated in 1909 was supplied with water by gravity diversion from streams, and, including cases where water was pumped, streams constituted the source of supply for 94.4 per cent of the total acreage irrigated. Wells supplied the next largest acreage, 3.3 per cent of the total, about one-third of this acreage being watered

by flowing wells. Springs furnished the supply for 1.4 per cent of the total acreage irrigated, and reservoirs and lakes each for less than 1 per cent. Of the total acreage irrigated from wells, California contained 77.6 per cent, and New Mexico 12.1 per cent. In the case of the other sources of supply the acreage irrigated was more generally distributed among the states.

## IRRIGATION WORKS.

Number of enterprises and number and length of ditches.—Table 7 shows the number of irrigation enterprises, and the number and length of main and lateral ditches, respectively, reported in 1910. It should be borne in mind that some lateral ditches are much larger than some main ditches, and that the distinction is more or less arbitrary.

STATE.	Number of enterprises.	DITCHES.					
		Number.			Length (miles).		
		Total.	Main ditches.	Lateral.	Total.	Main ditches.	Lateral.
<b>Total</b> .....	<b>54,700</b>	<b>81,837</b>	<b>45,730</b>	<b>36,117</b>	<b>125,591</b>	<b>87,529</b>	<b>38,062</b>
Arizona.....	1,269	1,204	891	513	2,597	1,727	870
California.....	13,970	14,733	8,590	6,143	21,129	12,520	8,509
Colorado.....	9,065	14,017	8,406	5,612	22,570	17,564	5,006
Idaho.....	3,922	6,568	3,209	3,359	12,759	7,662	5,097
Kansas.....	716	128	89	39	316	274	42
Montana.....	5,534	14,980	6,673	8,307	18,334	12,990	5,944
Nebraska.....	474	1,458	420	1,028	2,728	1,459	1,269
Nevada.....	1,347	2,525	994	1,531	3,151	1,938	1,213
New Mexico.....	2,786	3,381	2,101	1,280	5,854	4,064	1,190
North Dakota.....	49	93	47	46	126	52	74
Oklahoma.....	114	153	47	106	85	54	31
Oregon.....	3,745	6,100	3,582	2,518	7,691	5,539	2,052
South Dakota.....	395	680	348	332	1,256	631	625
Texas <sup>1</sup> .....	2,161	1,252	636	616	1,663	941	722
Utah.....	2,472	3,852	2,465	1,357	7,709	5,837	1,822
Washington.....	1,934	2,780	1,600	1,180	3,892	2,304	1,298
Wyoming.....	5,577	7,933	5,593	2,340	13,211	10,933	2,298

<sup>1</sup> Exclusive of enterprises supplying water for the irrigation of rice.

Reservoirs.—Table 8 gives, by states, the number and capacity of reservoirs used for irrigation in 1910. The acre-foot, used to express capacity, is the quantity of water required to cover 1 acre to the depth of 1 foot, or 43,560 cubic feet. Most of these reservoirs are filled from streams during flood season and in the winter, the stored water being used in the late summer on land which receives its earlier supply by gravity diversion from streams. Some, however, store storm water flowing in drainage channels which are ordinarily dry.

STATE.	RESERVOIRS.	
	Number.	Capacity (acre-feet).
<b>Total</b> .....	<b>6,812</b>	<b>12,581,129</b>
Arizona.....	402	1,349,938
California.....	1,583	743,269
Colorado.....	1,084	2,646,393
Idaho.....	424	1,742,303
Kansas.....	42	31,024
Montana.....	827	580,201
Nebraska.....	44	2,098
Nevada.....	109	325,933
New Mexico.....	522	454,162
North Dakota.....	22	132,187
Oklahoma.....	11	22
Oregon.....	271	1,024,266
South Dakota.....	314	216,205
Texas <sup>1</sup> .....	288	72,051
Utah.....	480	508,317
Washington.....	156	121,543
Wyoming.....	414	2,550,937

<sup>1</sup> Exclusive of reservoirs supplying water for the irrigation of rice.

Wells.—Table 9 shows the number and capacity of flowing and pumped wells used for irrigation in 1910. The capacities reported are estimates made by the owners, and are often not very accurate, as few well owners have facilities for measuring the discharge of wells. In the case of pumped wells many of the statements of capacity are based on the estimated pump capacity, the capacity of the wells themselves never having been tested.

STATE.	WELLS.			
	Flowing.		Pumped.	
	Number.	Capacity (gallons per minute).	Number.	Capacity (gallons per minute).
<b>Total</b> .....	<b>5,070</b>	<b>1,345,896</b>	<b>14,588</b>	<b>5,426,139</b>
Arizona.....	214	9,953	470	745,021
California.....	2,361	477,343	10,724	4,119,375
Colorado.....	313	41,989	121	53,564
Idaho.....	62	7,200	24	2,826
Kansas.....	3	30	99	73,362
Montana.....	15	22,185	10	5,263
Nebraska.....	18	66	66	3,363
Nevada.....	19	1,302	6	1,349
New Mexico.....	673	669,268	466	190,690
North Dakota.....			1	15
Oklahoma.....			55	1,791
Oregon.....	51	3,655	3	30,883
South Dakota.....	42	14,332	4	24
Texas <sup>1</sup> .....	122	36,939	1,412	121,631
Utah.....	1,138	42,794	27	4,827
Washington.....	55	18,826	128	60,220
Wyoming.....	2	450	3	845

<sup>1</sup> Exclusive of wells supplying water for the irrigation of rice.

Pumping plants.—Table 10 gives the number of pumping plants used for irrigation in 1910, with the capacities of power plants and pumps. The capacities are given as reported by the owners, and in most cases represent the rated capacities claimed by the manufacturers of the apparatus, which are probably in excess of the capacities obtained in use under ordinary field conditions.

STATE.	PUMPING PLANTS.		
	Number.	Capacity of power plants (horse power).	Capacity of pumps (gallons per minute).
<b>Total</b> .....	<b>13,906</b>	<b>243,435</b>	<b>9,947,909</b>
Arizona.....	429	37,258	831,873
California.....	9,297	128,143	5,276,288
Colorado.....	296	7,969	296,337
Idaho.....	58	7,065	278,599
Kansas.....	698	1,517	128,276
Montana.....	125	3,511	281,199
Nebraska.....	75	140	5,366
Nevada.....	18	663	24,295
New Mexico.....	413	14,226	246,355
North Dakota.....	4	2,038	182,115
Oklahoma.....	68	167	4,541
Oregon.....	229	3,095	118,514
South Dakota.....	8	63	5,289
Texas <sup>1</sup> .....	1,784	20,915	1,455,285
Utah.....	69	2,143	105,057
Washington.....	391	15,847	385,411
Wyoming.....	34	705	142,529

<sup>1</sup> Exclusive of plants supplying water for the irrigation of rice.

## COST.

Table 11 gives, by states, the total cost of irrigation enterprises in the arid region as reported at the Eleventh, Twelfth, and Thirteenth Censuses, and also the

estimated final cost of enterprises which were either completed or under way on July 1, 1910, the date of the census of irrigation of 1910.

Table 11

STATE.	COST OF IRRIGATION ENTERPRISES.						
	1910		1890	1889	Increase.		
	Estimated final cost.	Cost to July 1.			1899-1910 <sup>1</sup>		1889-1899
			Amount.	Per cent.	Per cent.		
<b>Total</b> .....	<b>\$424,281,186</b>	<b>\$307,866,369</b>	<b>\$66,962,275</b>	<b>\$29,611,000</b>	<b>\$240,904,094</b>	<b>359.8</b>	<b>126.1</b>
Arizona.....	24,828,868	17,677,969	4,438,352	465,000	13,239,614	298.3	854.5
California.....	84,592,344	72,580,030	19,181,610	13,005,000	55,398,420	278.4	47.5
Colorado.....	76,445,233	55,636,443	11,788,703	6,369,000	44,877,740	381.7	84.6
Idaho.....	58,451,106	40,977,688	5,120,399	1,029,000	35,857,289	700.3	397.6
Kansas.....	1,365,563	1,365,563	529,755	( <sup>2</sup> )	835,808	157.8	.....
Montana.....	32,382,077	22,970,958	4,663,073	1,623,000	18,287,885	390.5	188.5
Nebraska.....	9,485,231	7,798,210	1,510,698	( <sup>2</sup> )	6,487,612	495.0	.....
Nevada.....	12,188,766	6,721,924	1,837,359	1,251,000	5,184,365	337.2	22.9
New Mexico.....	11,640,091	9,154,897	4,165,212	512,000	4,989,585	119.8	713.5
North Dakota.....	836,482	836,482	16,980	( <sup>2</sup> )	819,502	4,826.3	.....
Oklahoma.....	47,200	47,200	21,872	( <sup>2</sup> )	25,328	115.8	.....
Oregon.....	39,216,619	12,760,214	1,843,771	826,000	10,916,443	392.1	123.2
South Dakota.....	3,890,556	3,065,140	294,747	( <sup>2</sup> )	2,735,393	968.7	.....
Texas.....	8,615,533	7,346,708	705,668	( <sup>2</sup> )	6,641,100	941.2	.....
Utah.....	17,840,773	14,628,717	5,969,302	2,780,000	8,363,415	339.2	111.0
Washington.....	22,322,856	16,219,149	1,525,369	197,000	14,693,789	963.3	674.3
Wyoming.....	20,425,890	17,700,980	3,973,165	1,281,000	13,727,815	343.5	210.2

<sup>1</sup> Increase computed on the basis of the cost to July 1, 1910.

<sup>2</sup> Includes \$275,000 for Kansas, Nebraska, North Dakota, South Dakota, and Texas, which are not shown separately in the report of the census of 1890, these five states being grouped under the designation of "submid region."

<sup>3</sup> Separate figures not available.

<sup>4</sup> Exclusive of enterprises supplying water for the irrigation of rice.

The cost of irrigation enterprises up to July 1, 1910, as reported at the Thirteenth Census, includes the cost of construction, the cost of acquiring rights, and any added costs incident to construction, such as the purchase of land for rights of way, the building of structures for use in operation and maintenance, and engineering and legal expenses. For all of the larger enterprises the cost is that given by the owners, but it is probable that in many cases this is estimated rather than taken from actual accounts. For some of the smaller enterprises the cost was estimated by the special agents of the Census Bureau, and in the case of some schedules received by mail the cost has been estimated in the bureau on the basis of the average cost per acre for other enterprises of the same class in the same vicinity. Many of the smaller ditches were built a number of years ago by their owners without the expenditure of much, if any, money, and many of these have since changed hands. In such cases the cost given by the present owners is only a rough estimate. The data as to cost reported for 1899 and 1889 are probably somewhat less accurate than those for 1910. The figure for cost given in the Twelfth Census report is designated as the "cost of construction of systems operated in 1899." The figure for cost at the Eleventh Census is an estimate consisting of the sum of the amounts obtained by multiplying the acreage irrigated by the average first cost per acre of obtaining water, or of water rights, as given by the irrigators. Although not specifically stated in the reports for the

previous censuses, it is probable that the figures there given include the same items represented in the figure for cost in 1910.

The total cost of irrigation enterprises up to July 1, 1910, was reported as \$307,866,369, which represents an increase of \$240,904,094, or 359.8 per cent over the cost reported at the census of 1900. In no state in the arid region was the increase in cost for this period less than 100 per cent, the highest percentage of increase being in North Dakota and the lowest in Oklahoma. With respect to absolute increase California ranked first, Colorado second, Idaho third, and Montana fourth. The year 1910 was in the midst of a period of great activity in the construction of irrigation works, and on July 1, 1910, a large number of works were incomplete. The "estimated final cost" reported, \$424,281,186, is the sum of the cost up to July 1 and the estimated cost of completing these unfinished works.

**Average cost per acre.**—Table 12 gives the average cost of irrigation enterprises per acre. The averages for 1889 and 1899 are, with one exception, for the acreage actually irrigated in the respective years. These averages are probably considerably higher than if they had been calculated on the basis of the acreage the enterprises were capable of irrigating. At the Thirteenth Census the average cost per acre has been computed by dividing the cost to July 1, 1910, by the acreage which enterprises were capable of irrigating in 1910. Averages based on the acreage irrigated in 1909 and the cost

to July 1, 1910, are, however, also presented as a rough basis for comparison with the averages for the previous censuses. In addition, averages based on the estimated final cost of enterprises and the acreage which their owners expect finally to be able to supply with water are given. These latter averages would represent most accurately the true cost of providing works to supply water for irrigation, were it not for a more or less general tendency to underestimate cost and overestimate the acreage it will be possible to serve.

Table 12

STATE.	AVERAGE COST OF IRRIGATION ENTERPRISES PER ACRE.				
	1910			1899	1890
	Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.	Based on cost to July 1, 1910, and acreage irrigated in 1909.	Based on estimated final cost and acreage included in projects.		
<b>Total</b> .....	<b>\$15.92</b>	<b>\$22.41</b>	<b>\$13.64</b>	<b>\$8.91</b>	<b>\$8.15</b>
Arizona.....	45.60	55.23	26.39	23.94	7.07
California.....	20.05	27.24	15.37	12.27	12.95
Colorado.....	14.19	20.29	12.92	7.30	7.15
Idaho.....	17.15	28.76	16.47	3.79	4.74
Kansas.....	9.75	36.44	8.47	22.43	( <sup>1</sup> )
Montana.....	16.42	13.68	9.21	4.92	4.63
Nebraska.....	18.17	30.47	13.95	8.82	( <sup>1</sup> )
Nevada.....	7.99	9.58	9.89	3.05	7.58
New Mexico.....	14.19	19.85	*10.56	20.45	5.58
North Dakota.....	38.17	81.62	21.91	3.49	( <sup>1</sup> )
Oklahoma.....	7.38	10.76	5.53	7.93	1.93
Oregon.....	15.36	18.60	15.52	4.73	4.64
South Dakota.....	23.69	48.11	18.85	6.52	( <sup>1</sup> )
Texas.....	21.57	44.72	11.43	17.23	( <sup>1</sup> )
Utah.....	11.22	14.04	9.16	9.32	10.55
Washington.....	34.47	48.51	27.52	\$2.08	4.03
Wyoming.....	10.80	15.62	9.18	6. 6	3.62

<sup>1</sup> Based on acreage under ditch in 1899.

\* Figures for Kansas, Nebraska, North Dakota, South Dakota, and Texas are not shown separately in the report of the census of 1890, these five states being grouped under the designation of "subumid region." The average for the subumid region was \$4.07.

<sup>1</sup> Exclusive of land irrigated for rice growing.

The average cost per acre based on the acreage irrigated in 1909 was \$22.41; that based on the acreage enterprises were capable of irrigating in 1910 was \$15.92; and that based on the estimated total cost and the acreage included in projects was \$13.64.

Between 1889 and 1899 there was no marked increase in the average cost of irrigation enterprises per acre of land irrigated, but in 1910 the average cost per acre was very much higher. The chief reason for this is the fact that, naturally, irrigation enterprises were first undertaken where water could be most easily secured and engineering difficulties were least serious. The enterprises undertaken during more recent years have been of necessity on a much larger scale than those built formerly, and, in most cases, of a better and more permanent type of construction. Indeed, much of the cost incurred between 1899 and 1910 was for the im-

provement of existing works, especially by the addition of reservoirs, which did not provide water for new lands, but rather provided a better supply for land already irrigated.

**Average cost per acre, by type of enterprise.**—Table 13 gives the average cost of irrigation enterprises per acre in 1910, computed in the three ways just shown, for each class of enterprises.

Table 13

CLASS OF ENTERPRISE.	AVERAGE COST OF IRRIGATION ENTERPRISES PER ACRE.		
	Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.	Based on cost to July 1, 1910, and acreage irrigated in 1909.	Based on estimated final cost and acreage included in projects.
<b>All classes</b> .....	<b>\$15.92</b>	<b>\$22.41</b>	<b>\$13.64</b>
U. S. Reclamation Service.....	67.52	134.17	48.14
U. S. Indian Service.....	15.78	27.83	15.83
Carey Act enterprises.....	30.53	115.30	21.75
Irrigation districts.....	27.37	41.44	20.33
Cooperative enterprises.....	12.89	17.19	10.07
Individual and partnership enterprises.....	7.69	8.69	5.22
Commercial enterprises.....	24.98	41.71	16.79

The highest average cost per acre on each basis is shown for the United States Reclamation Service enterprises, and the next highest in each case for Carey Act enterprises. Irrigation districts ranked third and commercial enterprises fourth, except in one case where the order is reversed. These four classes comprise the large enterprises which are now engaged in developing new lands, and most of their work is of recent date. The works built by individuals or cooperative enterprises, which are smaller and were for the most part built at an earlier period, naturally utilized the sources from which water could be most readily diverted and transported to the land to be irrigated. The larger works of recent date serve land farther from the streams and involve better, more expensive, and more permanent construction, and as a result the average cost per acre is higher than that for the small works.

**Average cost per acre, by size groups.**—The average cost of irrigation works per acre for enterprises classified by size is shown in Table 14. The classification is based on the acreage intended ultimately to be irrigated.

It will be noted that in general the cost per acre irrigated increases with the size of enterprises. This condition is due at least in a considerable measure to the fact already noted that most of the larger enterprises, which are mainly of recent date, have had to seek water more difficult to obtain than that secured by the smaller enterprises, and that they represent a better type of work.

Table 14

	Total.	ENTERPRISES CONTAINING:				
		Less than 25,000 acres.	25,000 to 50,000 acres.	50,000 to 75,000 acres.	75,000 to 100,000 acres.	100,000 acres and over.
Number of enterprises.....	54,700	54,548	74	28	16	34
Acreage:						
Irrigated in 1909.....	13,738,485	11,995,874	\$32,024	412,685	264,096	\$36,800
Enterprises were capable of irrigating in 1910.....	19,334,697	14,780,465	1,281,145	728,795	499,514	2,041,778
Included in projects.....	31,111,142	29,632,614	2,420,289	1,623,348	1,309,247	5,123,644
Cost:						
To July 1, 1910.....	\$307,696,369	\$175,398,121	\$23,411,977	\$19,524,778	\$14,430,824	\$75,296,668
Estimated final.....	\$424,281,186	\$307,068,121	\$33,154,836	\$33,537,574	\$21,368,421	\$129,152,234
Average cost per acre based on:						
Acreage irrigated in 1909 and cost to July 1, 1910.....	\$22.41	\$15.38	\$28.14	\$47.31	\$54.69	\$90.19
Acreage enterprises were capable of irrigating in 1910 and cost to July 1, 1910.....	\$15.92	\$11.83	\$18.27	\$26.79	\$29.22	\$36.83
Acreage included in projects and estimated final cost.....	\$13.64	\$10.04	\$13.70	\$29.66	\$16.22	\$25.30

**Operation and maintenance.**—Table 15 gives the average cost per acre for the operation and maintenance of irrigation enterprises in 1909. The inquiry as to this item was not extended to individual and partnership enterprises, for the reason that farmers owning their own ditches usually clean and repair them at odd times without keeping any record of the time or money expended. In the case of some enterprises of other classes, no reports were received. The statistics for cost of operation reported at the two previous censuses, for various reasons, are not fairly comparable with those for 1909, and consequently are not shown in the table.

For the arid region as a whole, the average cost of operation and maintenance per acre irrigated was \$1.07. The abnormal cost shown for North Dakota (\$28.40) relates almost entirely to a single large project which supplied water in 1909 to only a small part of the acreage which it is designed to serve. The lowest average is for Oklahoma (\$0.51 per acre).

The returns of crops grown on irrigated land, which were made by the regular enumerators of population and agriculture, are somewhat incomplete, for the reason that, owing to the late date at which the provisions of law regarding the irrigation census were passed, the enumerators could not be as carefully instructed regarding the special irrigation schedules as regarding the regular agricultural schedules. On many of the schedules the agricultural enumerators reported land as irrigated but failed to return separately the crops grown on such land. The total acreage of crops reported as raised on irrigated land formed 52.7 per cent of the total acreage irrigated in 1909; and while part of the remainder was doubtless in pasture, it is evident that part was in crops not reported as grown under irrigation and a part was probably in crops not harvested. Although the totals are thus incomplete, the returns are sufficiently accurate to afford reliable averages of yields and values and to show the relative importance of the various crops.

Table 16 gives, by states, the total acreage and total value of crops reported as irrigated in 1909, with the average value per acre.

Table 15

STATE.	Acreage irrigated in 1909 by enterprises for which cost of operation and maintenance was reported.	REPORTED COST OF OPERATION AND MAINTENANCE IN 1909.	
		Amount.	Average per acre for which cost was reported.
<b>Total.....</b>	<b>6,379,955</b>	<b>\$6,828,433</b>	<b>\$1.07</b>
Arizona.....	230,429	214,358	0.93
California.....	1,368,247	2,109,431	1.54
Colorado.....	1,491,070	1,995,268	0.75
Idaho.....	\$83,098	50,032	0.63
Kansas.....	34,255	54,595	1.59
Montana.....	394,567	349,662	0.89
Nebraska.....	299,023	227,385	1.09
Nevada.....	88,576	\$6,110	0.37
New Mexico.....	278,429	377,972	1.36
North Dakota.....	1,610	45,718	28.40
Oklahoma.....	1,969	1,000	0.51
Oregon.....	263,855	198,111	0.75
South Dakota.....	25,314	16,288	0.64
Texas <sup>1</sup> .....	109,697	356,240	3.25
Utah.....	689,894	451,283	0.65
Washington.....	176,197	543,312	3.08
Wyoming.....	221,875	191,648	0.86

<sup>1</sup> Exclusive of enterprises supplying water for the irrigation of rice.

## CROPS.

Table 16

STATE.	CROPS IRRIGATED IN 1909.		
	Acreage.	Value.	
		Total.	Average per acre.
<b>Total.....</b>	<b>7,241,561</b>	<b>\$181,617,386</b>	<b>\$25.08</b>
Arizona.....	171,302	4,718,100	27.54
California.....	1,196,767	32,067,007	43.50
Colorado.....	1,450,836	39,478,894	29.22
Idaho.....	772,684	16,582,213	21.46
Kansas.....	22,118	477,025	21.57
Montana.....	909,342	14,535,560	16.99
Nebraska.....	137,211	1,973,399	14.39
Nevada.....	356,079	5,339,473	15.00
New Mexico.....	230,034	5,705,922	24.80
North Dakota.....	3,273	56,215	17.18
Oklahoma.....	2,806	51,995	18.53
Oregon.....	368,911	7,489,255	20.30
South Dakota.....	38,438	505,684	13.16
Texas <sup>1</sup> .....	58,227	2,645,383	45.43
Utah.....	579,744	14,642,792	25.26
Washington.....	160,483	7,994,581	49.82
Wyoming.....	583,789	7,362,983	12.61

<sup>1</sup> Exclusive of rice.

The table shows for all crops reported as irrigated an average value per acre of \$25.08.

The highest average value per acre for crops raised on irrigated land is that for Washington, \$49.82, which

is followed by that for Texas, \$45.43 (exclusive of rice), and that for California, \$43.50. Wyoming showed the lowest average value per acre, \$12.61. As is to be expected, the average value per acre is highest in the states with large areas of fruits, vegetables, and other specialized crops raised by means of irrigation, while in those where forage crops and grains predominate the average is lower. Fruit crops comprised about 12 per cent of the total acreage of irrigated crops in Washington in 1909 and about 21 per cent of the total in California, and vegetables and other special crops about 21 per cent of the total acreage of irrigated crops in Texas, exclusive of rice. In Wyoming, on the other hand, more than 32 per cent of the total acreage of irrigated crops in 1909 was in wild grass, and irrigated fruit crops were insignificant.

Table 17 shows the reported acreage and value of each important irrigated crop in the arid region as a whole, with the percentage of the total represented by each.

CROP.	CROPS IRRIGATED IN 1909.			
	Acreage.		Value.	
	Amount.	Per cent of total.	Amount.	Per cent of total.
Total reported.....	7,241,561	100.0	\$181,617,396	100.0
Alfalfa.....	2,216,628	30.6	50,859,533	28.0
Wild, salt, or prairie grasses.....	7,539,699	21.1	11,754,258	6.5
Oats.....	739,828	10.2	14,058,424	7.7
Wheat.....	548,173	7.6	12,826,882	7.1
Barley.....	249,117	3.3	4,399,445	2.4
Orchard fruits and grapes.....	256,881	3.5	16,245,193	10.0
Other tame or cultivated grasses.....	219,791	3.0	2,571,297	1.4
Grains cut green.....	299,363	4.1	2,992,570	1.6
Timothy alone.....	202,817	2.8	3,211,951	1.8
Sugar beets.....	183,467	2.5	10,511,467	5.8
Timothy and clover mixed.....	116,248	1.6	6,648,935	3.7
Potatoes.....	168,014	2.3	19,085,662	10.5
Corn.....	133,673	1.8	2,463,597	1.3
Tropical and subtropical fruits.....	99,431	1.4	15,514,375	8.4
All other.....	330,183	4.6	19,223,078	10.6

In acreage alfalfa ranked first, with 30.6 per cent of the total reported; "wild, salt, or prairie grasses" second, with 21.1 per cent; and oats third, with 10.2 per cent. Forage crops, taken together, occupied about 63 per cent of the total reported acreage, cereals about 23 per cent, sugar beets 2.5 per cent, potatoes 2.3 per cent, fruit crops about 5 per cent, and the crops such as vegetables, root forage, cotton, buckwheat, and others (grouped under the head "all other") 4.6 per cent.

In value also alfalfa was most important, representing 28 per cent of the total amount reported; but orchard fruits and grapes ranked second in this respect among the crops shown separately and tropical fruits third, notwithstanding the relatively small acreages in these crops.

Average yields per acre.—Table 18 shows for each of the leading crops grown on irrigated land the average yield per acre in comparison with the average yield of the same crop on unirrigated land in the United States as a whole. Yields for fruit crops are not given because of the large variety of units in which

these yields were expressed and because the general agricultural schedules do not show the acreage in these crops.

CROP.	AVERAGE YIELD PER ACRE.		EXCESS OF AVERAGE YIELD ON IRRIGATED LAND OVER THAT ON UNIRRIGATED LAND. <sup>1</sup>	
	On irrigated land, arid region.	On unirrigated land, entire United States.	Amount.	Per cent.
<b>Cereals:</b>				
Corn.....bushels.....	23.7	25.9	-2.2	-8.5
Oats.....bushels.....	36.8	28.5	8.3	29.1
Wheat.....bushels.....	25.6	15.3	10.3	67.3
Barley.....bushels.....	29.1	22.3	6.8	30.5
<b>Hay and forage:</b>				
Alfalfa.....tons.....	2.94	2.14	0.80	37.4
Timothy alone.....tons.....	1.73	1.22	0.51	41.8
Timothy and clover mixed.....tons.....	1.82	1.28	0.56	44.4
Other tame or cultivated grasses <sup>2</sup> .....tons.....	1.53	1.05	0.48	45.7
Wild, salt, or prairie grasses.....tons.....	1.06	1.07	-0.01	-0.9
Grains cut green.....tons.....	1.45	1.23	0.23	15.7
<b>Sugary crops:</b>				
Potatoes.....bushels.....	153.6	106.8	46.8	48.0
Sugar beets.....tons.....	11.89	9.73	2.16	22.2

<sup>1</sup> A minus sign (-) indicates that the yield on irrigated land is less than that on unirrigated land.  
<sup>2</sup> Includes millet or Hungarian grass.

For each of the crops presented in the table except corn and "wild, salt, or prairie grasses," the average yield on irrigated land exceeds that on unirrigated land, the percentages of excess ranging from 18.7 for grains cut green to 67.3 per cent for wheat. As climatic conditions in the arid region are not favorable to corn, it is not grown to a large extent there. In the case of "wild, salt, or prairie grasses" the average yields on irrigated and unirrigated land are practically equal. A large part of the unirrigated wild grass is cut on river bottom lands where the soil is likely to be wet, even without irrigation, and consequently a difference in favor of irrigated land is not to be expected.

A combined average for all the crops listed in Table 18, each being given a weight corresponding to its acreage, shows an excess yield of 28.6 per cent for the crops grown on irrigated land over those grown on unirrigated land. It is, of course, obvious that this difference in no way represents the advantage of irrigation over nonirrigation. In some sections where rainfall is plentiful irrigation would add little to the yield, but in arid sections often little or nothing can be raised without irrigation.

Average values per acre.—The average values per acre of the leading irrigated crops reported for the arid region are shown in Table 19 in comparison with averages for the same crops grown on unirrigated land for the United States as a whole, so far as acreage figures are available for these.

Among crops grown on irrigated land in 1909, tropical fruits led in average value per acre by a wide margin, orchard fruits and grapes ranking second. Potatoes followed the fruit crops, with an average value of \$60.03, and sugar beets were next of the

crops shown separately, the average value being \$57.29 per acre. Alfalfa, the most important irrigated crop, had an average value per acre of \$22.94. In comparing the average values per acre for different crops it should be borne in mind that the crops with higher average values often require more expensive methods of cultivation than those with lower average values.

Table 19

CROP.	AVERAGE VALUE PER ACRE.		EXCESS OF AVERAGE VALUE FOR IRRIGATED LAND OVER THAT FOR UNIRRIGATED LAND.	
	On irrigated land, arid region.	On unirrigated land, outside United States.	Amount.	Per cent.
Tropical and subtropical fruits	\$154.32	(1)		
Orchard fruits and grapes	77.18	(1)		
Potatoes	60.63	\$44.66	\$15.37	24.4
Sugar beets	57.29	51.90	5.39	10.4
Wheat	23.40	14.75	8.65	58.6
Wheat, irrigated	22.94	16.97	5.97	35.2
Oats	19.00	11.64	7.36	63.2
Barley	18.32	11.81	6.51	55.1
Corn	18.13	14.62	3.51	24.0
Timothy and clover mixed	16.76	13.13	3.63	27.6
Timothy alone	15.84	12.76	3.08	24.1
Grains cut green	14.29	14.26	0.03	0.2
Other tame or cultivated grasses <sup>1</sup>	11.70	10.35	1.35	13.0
Wild, salt, or prairie grasses	7.67	5.96	2.61	51.6
All other	58.43	(1)		

<sup>1</sup> Acreage not reported.

<sup>2</sup> Includes millet or Hungarian grass.

<sup>3</sup> Comparable figure not available.

Each of the crops shown in the table for which comparisons are made had a higher average value per acre for irrigated land than is shown for the same crop grown on unirrigated land for the United States. The excess in favor of the products raised on irrigated land, for the crops included in the comparison, ranged from 0.2 per cent for grains cut green to 63.2 per cent for oats. The average excess for irrigated crops for the crops for which comparative figures are given in the table, based on the total acreages and total values, is about 43 per cent. It should be noted that the comparison just made does not include the crops with the highest average values per acre, such as fruits and vegetables.

**Comparison with preceding census.**—According to the reports of the Twelfth Census the total acreage of irrigated crops in the arid and semiarid states was 5,932,557, while the acreage of such crops reported at the present census of irrigation was 7,241,561, which represents an increase of 22.1 per cent. The fact that this increase is much smaller than the increase in the acreage reported as irrigated (82.7 per cent) is a

further indication that the crop reports of the census of irrigation for 1910 are incomplete. Because of this incompleteness, the crop figures of the two censuses are not compared directly, but in Table 20 the percentage which the acreage in each irrigated crop formed of the total acreage reported in such crops is shown for the two censuses.

Table 20

CROP.	ACREAGE OF IRRIGATED CROPS.			
	1909		1899	
	Acreage.	Per cent of total.	Acreage.	Per cent of total.
<b>Total reported</b>	7,241,561	100.0	5,932,557	100.0
Alfalfa	2,216,428	30.6	1,517,888	25.6
Wild, salt, or prairie grasses	1,530,669	21.1	997,438	16.8
Wheat	739,632	10.2	332,363	5.6
Wheat, irrigated	648,173	7.6	775,901	13.1
Barley	240,117	3.3	172,228	2.9
Other tame or cultivated grasses <sup>1</sup>	219,701	3.0	306,238	5.2
Oats	209,393	2.9	290,639	4.4
Sugar beets	183,467	2.5	9,074	0.2
Potatoes	168,014	2.3	90,991	1.5
Corn	153,673	1.8	140,749	2.4
Tropical and subtropical fruits	99,431	1.4	87,071	1.5
Rye	6,164	0.1	7,096	0.1
All other	946,639	13.1	1,288,879	21.7

<sup>1</sup> Includes millet or Hungarian grass.

From Table 20 it appears that at both censuses alfalfa was the leading crop grown under irrigation, but that it occupied a considerably larger proportion of the total acreage reported for irrigated crops in 1909 than in 1899. The crop next in importance in respect to acreage in both years was "wild, salt, or prairie grasses," which likewise comprised a larger percentage of the total in 1909 than in 1899. Oats was third in acreage in 1909, followed by wheat, while in 1899 wheat ranked third and oats fourth. Oats covered a much larger percentage of the total acreage of irrigated crops in 1909 than in 1899 and wheat a much smaller percentage in the later than in the earlier year.

The most notable relative increase was for sugar beets, the growing of this crop in the irrigated region being largely a development of the last decade. Potatoes also showed a marked increase in relative importance. Tropical and subtropical fruits occupied about the same place in the two censuses. From a comparison of Table 20 with Table 19, it will be seen that, with the exception of "wild, salt, or prairie grasses," the irrigated crops which are increasing in acreage most rapidly are all among the crops with relatively high values per acre.

#### IRRIGATION FOR RICE GROWING.

As previously stated, the special inquiry into irrigation for rice growing was confined to the rice growing districts of Louisiana, Texas, and Arkansas. The data collected, except those relating to crops, are summarized in Table 21.

The number of farms reporting irrigation for rice growing and the acreage irrigated, as reported at the

census of 1910, cover the year 1909, while all other data for that census relate to the year 1910. The reports of the agricultural census of 1910 show that 95.5 per cent of the entire acreage of rice harvested in 1909 was in the three states included in the special irrigation inquiry, and that in all the other states a marked decrease occurred between 1899 and 1909

in the acreage in rice. The figures given in the table for the census of 1910 represent, therefore, in a fairly adequate measure, the extent of irrigation for rice growing in the United States.

The acreage reported on the special irrigation schedules as irrigated for rice growing in 1909 is greater than the total acreage of rice reported in that year on the agricultural schedules for the territory covered. This difference is due principally to the fact that the irrigation schedules show the total acreage watered, while the agricultural schedules show only the acreage harvested. A considerable acreage planted in rice in 1909 was not harvested because of poor stand, shortage of water, and damage by storms.

Table 21

	Total for specified states.	Louisiana.	Texas.	Arkansas.
Number of farms reporting irrigation for rice growing.....	4,910	2,640	1,088	27,758
Acreage irrigated for rice growing.....	694,800	386,200	286,847	2,332
Acreage enterprises were capable of irrigating in 1910.....	950,706	553,239	350,350	47,136
Acreage included in projects.....	1,134,322	581,965	499,474	52,883
Number of enterprises.....	2,158	1,237	611	310
Total length of ditches..... miles.....	2,339	1,168	1,040	131
Length of main ditches..... miles.....	1,398	759	528	131
Length of lateral ditches..... miles.....	941	439	502	.....
Reservoirs:				
Number.....	144	104	21	19
Capacity..... acre-feet.....	21,795	19,482	2,310	3
Flowing wells:				
Number.....	1	.....	1	.....
Capacity..... gals. per min.....	80	.....	80	.....
Pumped wells:				
Number.....	1,413	666	500	307
Capacity..... gals. per min.....	1,822,560	1,108,236	445,495	268,829
Pumping plants:				
Number.....	1,897	1,007	575	315
Capacity of power plants, horsepower.....	118,045	57,428	48,179	12,440
Capacity of pumps, gals. per min.....	9,407,955	5,064,173	3,907,380	436,402
Cost of irrigation enterprises to July 1, 1910.....	\$13,587,639	\$6,859,166	\$6,140,639	\$587,834
Average cost per acre <sup>1</sup> .....	\$14.29	\$12.40	\$17.33	\$12.47
Estimated final cost of existing enterprises.....	\$13,667,639	\$6,914,166	\$6,140,639	\$612,834
Average cost per acre <sup>2</sup> .....	\$12.05	\$11.88	\$12.29	\$11.59

<sup>1</sup> Based on acreage enterprises were capable of irrigating in 1910.

<sup>2</sup> Based on acreage included in projects.

The total acreage irrigated for rice growing in the three states in 1909 was 694,800, of which 54.7 per cent was in Louisiana, 41.3 per cent in Texas, and 4 per cent in Arkansas. The enterprises which were completed or under way in 1910 were reported as capable of irrigating 950,706 acres in that year and of serving ultimately a total of 1,134,322 acres.

The total cost of irrigation enterprises to July 1, 1910, was \$13,587,639, or an average of \$14.29 per acre for the land to which they were capable of supplying water in 1910. Upon the basis of the acreage irrigated in 1909, the average cost per acre was \$19.56. The estimated total cost of enterprises completed or under way in 1910 was \$13,667,639, or \$12.05 per acre for the land included in these enterprises. From these figures it appears that the works for supplying water for rice irrigation which were under construction in 1910 were relatively insignificant.

In the report on irrigation for the Twelfth Census no information relating to the irrigation of rice in Arkan-

sas is given, because the rice growing industry in that state was insignificant in 1900.

In Table 22 comparisons are made for Louisiana and Texas for the few items that were reported at both censuses. The figures for the Twelfth Census relate to the year 1899.

Table 22

	LOUISIANA.			TEXAS.		
	Census of—		Per cent of increase. (°)	Census of—		Per cent of increase.
	1910	1900		1910	1900	
Farms reporting irrigation for rice growing.....	2,640	4,531	-40.6	1,088	73	(°)
Acreage irrigated.....	380,200	201,685	88.5	286,847	8,700	3,197.1
Enterprises—number.....	1,237	596	107.6	611	(°)	.....
Length of main ditches (miles).....	729	386	88.9	538	(°)	.....
Cost of irrigation enterprises.....	\$6,859,166	\$2,539,319	171.2	\$6,140,639	\$322,000	1,807.0
Average cost per acre.....	\$12.40	\$12.54	(°)	\$17.33	\$37.01	(°)

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Per cent not calculated when base is less than 100.

<sup>3</sup> Not reported.

<sup>4</sup> Estimated.

<sup>5</sup> Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.

<sup>6</sup> Based on cost of systems operated in 1909, and acreage irrigated in that year.

<sup>7</sup> Figures not comparable. (See explanation in text.)

In Louisiana considerable increases have taken place since the census of 1900 in all the items shown in the table except number of farms. The large decrease in the number of farms reporting the irrigation of rice is probably due to the abandonment of rice growing on farms where only small acreages were planted, and an extension of the industry in sections where rice is grown on a larger scale. In Texas almost the entire development has taken place since 1899.

As the figures for average cost of irrigation enterprises per acre at the two censuses are not computed on the same basis, they are not comparable.

Although the crop returns for irrigated rice are not complete, they are sufficiently so to afford reliable averages of the yield and value per acre. These are shown in Table 23.

Table 23

	RICE GROWN ON IRRIGATED LAND IN 1909.	
	Average yield per acre (bushels).	Average value per acre.
Louisiana.....	34.6	\$25.70
Texas.....	38.7	28.54
Arkansas.....	45.9	41.56

Continuous cropping in rice exhausts the soil, and the districts of Louisiana, where the land has been used for a longer time than in other sections, show the lowest average yield, while Arkansas, where the growing of rice is of comparatively recent date, shows the highest average yield.

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# MANUFACTURES



CHAPTER 15.—STATISTICS FOR STATES, CITIES, AND INDUSTRIES



## CHAPTER 15.

### STATISTICS OF MANUFACTURES FOR STATES, CITIES, AND INDUSTRIES.

**Introduction.**—This chapter contains a summary of the statistics of manufactures for the United States for the calendar year 1909, as shown by the Thirteenth Census.

The principal facts derived from the census inquiry are presented in four general tables at the end of the chapter, the first giving statistics for individual industries, the second for states and territories, the third for each of the 25 leading manufacturing cities, and the fourth for each city of 10,000 or more inhabitants.

Table 110 gives for each industry in 1909, 1904, and 1899 the number of establishments; number of persons engaged in the industry during the year, classified as proprietors and firm members, salaried employees, and wage earners; primary power; capital; salaries; wages; cost of materials; value of products; value added by manufacture; and the percentage of increase in average number of wage earners and in value of products, from census to census. The industries are arranged alphabetically.

Table 111 gives similar statistics for the different states and territories, arranged geographically.

Table 112 gives for each of the 25 leading manufacturing cities the same items given in Tables 110 and 111; the cities are arranged according to the value of their manufactured products.

Table 113 gives, for each city of 10,000 or more inhabitants, the number of establishments, the average number of wage earners, the value of products, and the value added by manufacture for 1909, 1904, and 1899. The cities are arranged alphabetically by states.

In addition to these general tables there are interspersed in the text discussion a series of special text tables analyzing certain of the data contained in the general tables. Some of these special text tables present figures only for all industries combined in continental United States as a whole; others give statistics for the principal industries separately; and still others give figures for states and territories.

**Scope of census: Factory industries.**—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of organization, location of establishments, size of establishments, labor force, and similar subjects. When use is made of the data for these purposes it is imperative that due attention should be given

to the limitations of the figures. Particularly is this true when the attempt is made to derive from them figures purporting to show average wages, cost of production, or profits.

The census of 1909, like that of 1904, was confined to manufacturing establishments conducted under the factory system, as distinguished from the neighborhood, hand, and building industries. Where statistics for 1899 are given they have been reduced to a comparable basis by eliminating, as far as possible, the latter classes of industries. The census does not include establishments which were idle during the entire year, or had a value of products of less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions, or in governmental establishments, except those of the Federal Government.

**Period covered.**—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for establishments which began or discontinued business during the year.

**The establishment.**—As a rule, the term "establishment" represents a separated plant or mill. In some cases it represents two or more plants operated under a common ownership or for which one set of books of account is kept.

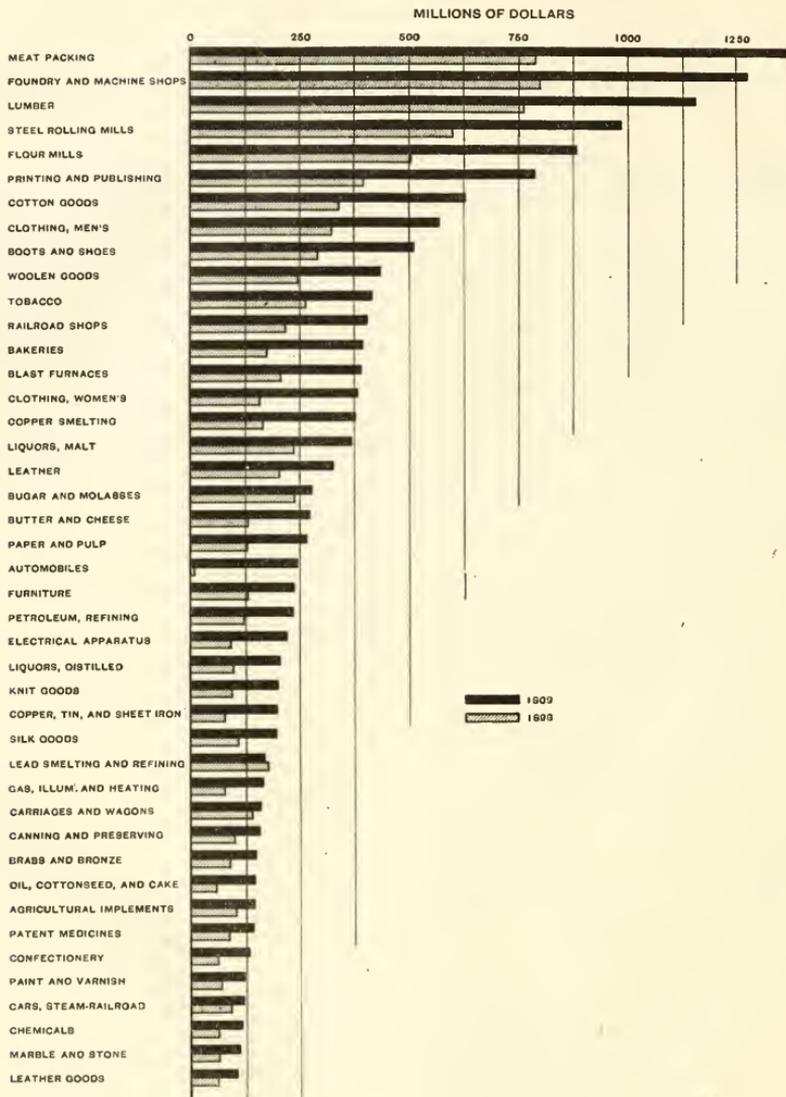
If the plants constituting an establishment as thus defined were not all located within the same city or state, separate reports were secured in order that the separate totals might be included in the statistics for each city or state. In some instances separate reports were secured for different industries carried on in the same establishment.

**Classification by industries.**—The establishments were assigned to the several classes of industries according to their products of chief value. The value of products reported for a given industry may thus, on the one hand, include minor products very different from those covered by the class designation, and, on the other hand, may not include the total product covered by this designation, because some part of this product may be made in establishments in which it is not the product of chief value.

The number of industries for which a separate presentation is made is 204, a much smaller number than in the reports for the census of 1904, in which 339 industries were shown separately. This decrease is due to the fact that an attempt to make a separate presentation would in the case of many industries be misleading, inasmuch as a large part of the product of the class described by the industry designation is made, not by establishments engaged primarily in manufacturing that class of commodities, but by establishments whose principal product is such as to necessitate their classification elsewhere. In order to avoid this difficulty it is necessary in many cases to combine a number of closely related industries under a more general designation. This condition is constantly becoming more conspicuous in the manufacturing business of the country, and consequently the number of industries which can properly be shown separately is smaller at this census than at previous censuses.

Owing to changes in industrial conditions, moreover, it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses, and for some of the industries covered by Table 110, therefore, comparative statistics for earlier censuses are necessarily omitted.

## VALUE OF PRODUCTS, BY INDUSTRIES: 1909 AND 1899.



## GENERAL SUMMARY.

Continental United States and noncontiguous territory: 1909.—The following table gives for 1909 the more important figures for the manufactures of continental United States and for Alaska, Hawaii, and Porto Rico. The table does not cover possessions of the United States other than those mentioned. The statistics of manufactures included in the census of the Philippine Islands taken by the War Department for

1902 are not comparable with those shown in the reports for continental United States; and there has been no census of manufactures in Guam, Samoa, or the Canal Zone. The statistics for Alaska, Hawaii, and Porto Rico include some small establishments of the nature of hand or neighborhood industries, such as are omitted from the canvass for continental United States.

Table 1	NUMBER OR AMOUNT.				
	Total.	Continental United States.	Alaska.	Hawaii.	Porto Rico.
Number of establishments.....	270,082	268,491	152	500	939
Persons engaged in manufactures.....	7,707,751	7,678,578	3,479	7,572	18,122
Proprietors and firm members.....	275,952	273,265	135	1,074	1,478
Salaries employees.....	792,168	790,267	245	594	1,062
Wage earners (average number).....	6,639,931	6,615,046	3,099	5,904	15,582
Primary horsepower.....	18,755,286	18,675,376	3,975	41,930	34,005
Capital.....	\$18,490,749,000	\$18,428,270,000	\$13,060,000	\$23,875,000	\$25,544,000
Expenses.....	18,525,436,000	18,454,090,000	9,454,000	31,753,000	31,139,000
Services.....	4,375,634,000	4,365,613,000	2,328,000	2,795,000	4,898,000
Salaries.....	940,900,000	938,575,000	380,000	686,000	1,259,000
Wages.....	3,434,734,000	3,427,038,000	1,948,000	2,109,000	3,639,000
Materials.....	12,195,019,000	12,142,791,000	5,120,000	25,629,000	21,479,000
Miscellaneous.....	1,955,783,000	1,945,686,000	2,006,000	3,329,000	4,762,000
Value of products.....	20,767,546,000	20,672,052,000	11,340,000	47,404,000	36,750,000
Value added by manufacture (value of products less cost of materials).....	8,572,527,000	8,529,261,000	6,220,000	21,775,000	15,271,000

The total value of manufactures in the area covered by this table for 1909 was \$20,767,546,000, of which 99.5 per cent was contributed by continental United States, the manufactures of Alaska, Hawaii, and Porto Rico being comparatively unimportant. The most important industry in Alaska is the canning and preserving of fish; in Hawaii, the manufacture of sugar; and in Porto Rico, the manufacture of sugar and of tobacco products.

The above table is the only one in this report in which the statistics for the noncontiguous territories are included, all the other tables relating exclusively to continental United States.

**Explanation of terms.**—With reference to some of the items contained in the above and following tables certain explanations are necessary:

**Persons engaged in manufacturing industries.**—The statistics of the number of proprietors and firm members and the number of salaried employees are based on the returns for a single representative day only. In the case of wage earners a report was obtained of the number employed on the 15th of each month, and from these returns the average number employed during the year has been calculated by dividing the sum of the numbers reported for the several months by 12. (See also p. 452.)

**Capital.**—For reasons stated in reports of prior censuses the statistics of capital secured by the census canvass are so defective as to be of little value, except as indicating very general conditions. The instructions on the schedule for securing capital were as follows:

The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All

the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises.

**Materials.**—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" includes fuel, rent of power and heat, mill supplies, and containers, as well as materials forming a constituent part of the product. Under the head of "fuel" is included all fuel used, whether for heat, light, or power, or for the process of manufacture.

**Expenses.**—Under "Expenses" are included all items of expense incident to the year's business, except interest, whether on bonds or other forms of indebtedness, and allowances for depreciation.

**Value of products.**—The amounts given under this head represent the selling value at the factory of all products manufactured during the year, which may differ from the value of the products sold. Amounts received for work on materials furnished by others are included.

**Cost of manufacture and profits.**—Census data do not show the entire cost of manufacture, and consequently can not be used to show profits. No account has been taken of interest and depreciation. Even if the amount of profit could be determined by deducting the expenses from the value of the products the rate of profit on the investment could not properly be calculated, because of the very defective character of the returns regarding capital.

**Primary horsepower.**—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented by them from other concerns. It does not cover the electric power developed by the primary power of the establishments themselves, the inclusion of which would evidently result in duplication.

General comparison for the United States: 1909, 1904, and 1899.—The following table gives the principal items of information covered by census inquiries

relative to manufactures in continental United States for 1909, 1904, and 1899, together with the percentages of increase from census to census:

Table 2	NUMBER OR AMOUNT.			PER CENT OF INCREASE.	
	1909	1904	1899	1904-1909	1904-1904
Number of establishments.....	268,491	216,180	207,514	24.2	4.2
Persons engaged in manufactures.....	7,678,578	6,213,612	(1)	23.6	.....
Proprietors and firm members.....	273,265	225,673	(1)	21.1	.....
Salaried employees.....	790,267	519,556	364,120	52.1	42.7
Wage earners (average number).....	6,615,046	5,468,383	4,712,763	21.0	16.0
Primary horsepower.....	18,675,376	13,487,707	10,097,893	38.5	33.6
Capital.....	\$18,428,270,000	\$12,675,381,000	\$8,975,256,000	45.4	41.2
Expenses.....	18,454,090,000	13,138,260,000	9,870,425,000	40.5	33.1
Services.....	4,365,613,000	3,184,884,000	2,389,132,000	37.1	33.3
Wages.....	938,575,000	574,439,000	380,771,000	63.4	50.9
Salaries.....	3,427,038,000	2,610,445,000	2,008,361,000	31.3	30.0
Materials.....	12,142,791,000	8,500,208,000	6,575,851,000	42.9	29.3
Miscellaneous.....	1,945,686,000	1,453,168,000	905,442,000	33.9	60.5
Value of products.....	20,672,052,000	14,793,903,000	11,406,927,000	39.7	23.7
Value added by manufacture (value of products less cost of materials).....	8,529,261,000	6,293,695,000	4,831,076,000	35.5	30.3

<sup>1</sup> Figures not available.

In 1909 the United States had 268,491 manufacturing establishments, which gave employment during the year to an average of 7,678,578 persons, of whom 6,615,046 were wage earners. These manufacturing establishments paid \$4,365,613,000 in salaries and wages, and turned out products to the value of \$20,672,052,000, to produce which materials costing \$12,142,791,000 were consumed. The value added by manufacture, namely, the difference between the cost of materials and the total value of products, was \$8,529,261,000. This figure best represents the net wealth created by manufacturing operations, because the gross value of products includes the cost of the materials used, which are either the products of non-manufacturing industries, such as agriculture, forestry, fisheries, and mining, or else are themselves the product of manufacturing establishments. The value of products derived from this latter class of materials involves a duplication, inasmuch as the value of these materials has already figured in the value of products reported for the establishments manufacturing them in the first instance; in some cases, indeed, where a given product has passed through several distinct stages of manufacture in different establishments before reaching its final form, this duplication may be repeated several times. All such duplications, as well as the original value of materials, are, however, eliminated in the figures for value added by manufacture. This value covers salaries and wages—which represent over one-half of the total—overhead charges, depreciation, interest, taxes, and other expenses attendant upon the manufacturing operations, as well as the profits of the undertaking.

Table 2 shows that the manufacturing industries of the United States as a whole experienced a more rapid growth during the five-year period 1904-1909

than during the period 1899-1904, although in both periods the progress was very marked. During the first five years of the decade the average number of wage earners increased 16 per cent; during the second five years, 21 per cent. The value of products increased 29.7 per cent during the first period and 39.7 per cent during the second period. The rate of increase in the value added by manufacture shows less difference between the two periods, being 30.3 per cent during the first five years and 35.5 per cent during the second five years. In this connection it may be noted that there was a greater rate of increase in the cost of materials during the second period than during the first.

During the 10 years from 1899 to 1909 the number of establishments increased 29.4 per cent; the capital employed, 105.3 per cent; the average number of wage earners, 40.4 per cent; the amount of primary power, 84.9 per cent; the value of materials consumed, 84.7 per cent; the value of products, 81.2 per cent; and the value added by manufacture, 76.6 per cent. The gross value of products in 1909 exceeded that in 1899 by more than \$9,000,000,000, and the value added by manufacture in 1909 was, in round numbers, \$3,700,000,000 more than in 1899.

It would be improper to infer that manufactures increased in volume during either of the five-year periods covered by the table to the full extent indicated by the increase in value of materials consumed or in the value of products, since the increase shown in these items is certainly due in part to the increase that has taken place in the price of commodities. It may be presumed that the quantity of products increased somewhat more rapidly than the number of wage earners; this might be expected from the fact that the amount of primary power increased much faster than the number of wage earners; in

other words, each wage earner, on the average, had greater assistance from mechanical power in 1909 than in 1904 or 1899.

It is a matter of interest to note that during both of the five-year periods the wages paid showed a higher percentage of increase than the average number of wage earners, thus indicating an increase in the average wages.

**Comparison with earlier censuses.**—In 1810 the Secretary of the Treasury made a report on the condition of manufactures in the United States and estimated that the value of products for 1809 exceeded \$120,000,000. An estimate based on the returns of the census of 1810 placed the value of the annual product at \$198,613,471. Further efforts to secure statistics of manufactures were made in 1820 and 1840, but the results were more or less unsatisfactory. In 1830 no such attempt was made. The census of 1850 was the first to present fairly complete statistics for manufactures. Each census from that time to 1890 was based in part on returns for the preceding calendar year and in part on returns for other 12-month periods, mainly ending during the census year itself. The last three censuses cover principally returns for the preceding calendar year or for 12-month periods ending within that year. In general, in this report the statistics for all censuses are referred to by the year preceding that in which the census was taken.

The statistics of manufactures secured at the decennial censuses from 1850 to 1900, inclusive, covered the neighborhood, hand, and building industries, as well as the factory industries, while the reports for 1904 and 1909 were confined to factory industries. The statistics for 1899 obtained at the decennial census of 1900, although originally taken on the broader basis, have, for the purpose of comparison with later censuses, been reduced to the factory basis by eliminating as far as possible the neighborhood, hand, and building trades, but no such elimination is possible with respect to the earlier censuses. For this reason the statistics for years prior to 1899 are not entirely comparable with those for 1904 and 1909. Nevertheless, for the purpose of showing in a rough way the movement during each decade since 1850, the following summary table is presented. Two sets of figures are given in this table for 1899, the one including the neighborhood, hand, and building trades, in order to make the data comparable with those for preceding censuses, and the other excluding them in order to make the figures comparable with those for later censuses. The values and wages for 1869 have been reduced to a gold basis, inasmuch as the figures as reported would, because of the inflation of the currency at that time, exaggerate the increase from 1859 to 1869, and understate the increase from 1869 to 1879.

Table 3	Number of establishments.	Capital.	Wage earners (average number).	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
<b>Factories and hand and neighborhood industries:</b>							
1849 (census of 1850).....	123,025	\$333,245,000	957,059	\$236,755,000	\$355,124,000	\$1,019,107,000	\$463,983,000
1859 (census of 1860).....	140,453	1,009,856,000	1,311,246	378,879,000	1,031,005,000	1,885,862,000	854,257,000
Per cent of increase, 1849 to 1859.....	14.1	89.4	37.0	59.0	55.8	85.0	84.1
1869 (census of 1870) (gold value).....	252,148	1,694,567,000	2,063,996	620,467,000	1,990,742,000	3,385,560,000	1,385,118,000
Per cent of increase, 1859 to 1869.....	79.6	67.8	56.6	62.8	93.0	79.5	53.3
1879 (census of 1880).....	253,852	2,790,273,000	2,732,535	947,954,000	3,396,834,000	5,369,579,000	1,972,755,000
Per cent of increase, 1869 to 1879.....	0.7	64.7	33.0	52.8	60.6	74.5	41.4
1889 (census of 1890).....	355,405	6,525,061,000	4,251,535	1,891,210,000	5,102,014,000	9,372,379,000	4,216,368,000
Per cent of increase, 1879 to 1889.....	40.0	133.8	53.0	99.5	52.0	74.0	51.4
1899 (census of 1900).....	512,191	9,813,834,000	5,306,143	2,320,938,000	7,848,628,000	13,300,149,000	5,656,521,000
Per cent of increase, 1889 to 1899.....	44.1	40.4	24.8	22.7	52.3	38.7	34.3
<b>Factories, excluding hand and neighborhood industries:</b>							
1869 (census of 1900).....	207,514	\$,975,256,000	4,712,763	2,008,361,000	6,575,851,000	11,406,927,000	4,831,076,000
1904 (census of 1905).....	216,180	12,675,581,000	5,468,383	2,610,445,000	8,500,268,000	14,793,903,000	6,293,696,000
Per cent of increase, 1869 to 1904.....	4.2	112.2	16.0	30.0	29.3	29.7	30.3
1909 (census of 1910).....	268,491	18,428,270,000	6,615,046	3,427,038,000	12,142,791,000	20,672,052,000	8,529,261,000
Per cent of increase, 1904 to 1909.....	24.2	46.4	21.0	31.3	42.9	39.7	35.5
Per cent of increase, 1899 to 1909.....	29.4	105.3	40.4	70.6	84.7	81.2	76.6

This table shows that, although the returns for 1849 included neighborhood, hand, and building trades and those for 1909 did not, nevertheless the value of products in the latter year was over twenty times as great as the value reported 60 years before. During the same time the number of wage earners employed increased almost sixfold.

As judged by the number of wage earners, the decade showing the greatest percentage of increase was that from 1859 to 1869, during which the average number of wage earners increased 56.6 per cent. The decade 1879

to 1889 also showed an exceptionally high percentage of increase in this respect, while the next largest percentage of increase occurred during the decade from 1899 to 1909. As respects value of products, the percentage of increase during the past decade exceeds that in any other except the decade from 1849 to 1859; but in value added by manufacture, the percentage of increase during the past 10 years falls below that from 1879 to 1889, as well as that from 1849 to 1859.

The absolute increases shown for the various items covered by the table during the decade 1899 to 1909

were much greater than during any other decade; the increase in value of products, in fact, almost equaled the total value of all manufactured products in 1889.

**Leading industries.**—The relative importance of the leading manufacturing industries in the United States in 1909 and their growth from 1899 to 1909 are shown in Table 4, which includes the industries having a gross value of products in 1909 of \$100,000,000 or more. The industries are arranged in the order of the value of products. The table also shows the rank of the industries listed, not only with respect to value of products, but with respect to number of wage earners employed and value added by manufacture, and the percentage of the total of each of these items for all industries combined which is represented by each specified industry. While the column of rank under "Value of products" represents correctly the order of the industries named among all the industries of the country, the ranking shown with reference to number of wage earners and value added by manufacture relates only to the relative order of the industries covered by this particular table. There are various industries not named which rank higher in these respects than some of the industries listed in the table.

The number of wage earners and the value added by manufacture are, at least from certain standpoints, a better measure of the relative importance of manufacturing industries than the gross value of products. In some industries the value of the materials used constitutes by far the larger part of the total value of products, the manufacturing process involving the addition of only a small amount of labor cost and other expenses and of manufacturer's profit to the cost of the materials. Moreover, in some of the industries there is a much greater duplication in the gross value of products than in others. This duplication, of course, does not appear in the value added by manufacture.

In considering the ranking of the industries in Table 4, it should be borne in mind that some of the industries specified are in a sense groups of industries rather than single industries. As stated in the Introduction, in certain cases, in order to avoid a misleading understatement of the importance of the production of a given minor class of commodities, the returns for establishments making these commodities as their sole or principal product have had to be combined with those of establishments in larger industries which produce primarily other commodities, but which incidentally make a large part of the distinctive products in question. In a few instances where a similar condition exists, however, it was deemed best not to make such a combination of industries. As also stated in the Introduction, the report for each establishment, as a whole, has been assigned to a given class of industry according to its products of chief value, so that the figures for any given class must not be taken either as fully covering or as represent-

ing exclusively the operations of that branch of manufacturing indicated by the industry designation.

The following explanations show the scope of those classifications in the table which are not on their face entirely clear:

*Slaughtering and meat packing.*—This classification includes the wholesale slaughtering and meat-packing establishments and those engaged in the manufacture of sausage, but not the numerous retail butcher shops which in the aggregate slaughter a large number of animals. It includes the manufacture of many by-products, some of which are carried to a high degree of elaboration.

*Foundry and machine-shop products.*—This industry includes all allied industries excepting those which manufacture a distinctive product indicated by some other classification, such as cash registers, calculating machines, sewing machines, and electrical machinery. The establishments engaged in the manufacture of bells, gas machines and gas and water meters, hardware, plumbers' supplies, saddlery hardware, steam fittings, structural ironwork, and cast-iron and cast-steel pipe, some of which were reported under separate classifications at previous censuses, are all included under this general heading.

*Lumber and timber products.*—This industry embraces logging operations, ordinary sawmills, planing mills, and establishments engaged in the manufacture of wooden packing boxes. It does not include statistics of mills engaged exclusively in custom sawing for local consumption.

*Iron and steel, steel works and rolling mills.*—This industry embraces the manufacture of steel and the hot rolling of iron and steel. It also includes the making of forgings and castings and the manufacture of rolled iron and steel into more highly finished forms when conducted as a part of the rolling-mill operations, as well as the few extant forges and bloomeries. It does not, however, include the making of cold-rolled products, nor of forgings, castings, and manufactures of iron and steel by establishments not equipped with steel-making furnaces or hot trains of rolls.

*Flour-mill and gristmill products.*—This classification includes statistics for all mills grinding wheat, rye, or buckwheat flour, or corn meal, hominy, grits, or feed, but it does not include statistics for mills doing custom grinding exclusively, or for factories making fancy cereal food or other special food preparations as a chief product.

*Printing and publishing.*—This classification includes job-printing establishments, the printing and publishing of books, newspapers and periodicals, and music, bookbinding, steel engraving, and lithographing.

*Cotton goods, including cotton small wares.*—In addition to the statistics for cotton mills proper, there are included under this head the statistics for establishments that make a specialty of small wares, such as

braids, tapes, bindings, corset and shoe laces, and the like.

*Clothing, men's, including shirts.*—This classification includes the making of men's and boys' ready-made clothing; the making of overalls, butchers' aprons, bathing suits, and gymnasium clothing; and the manufacture of all kinds of shirts—cotton, linen, flannel, etc.—as well as shirt bosoms and shirt waists for men and boys.

*Boots and shoes, including cut stock and findings.*—Under this head are included not only factories making the finished product, but those doing the whole or part of the work on materials furnished by others, as well as shops doing stitching, crimping, fitting, and bottoming, or performing other special operations. The manufacture of footwear not coming strictly under the head of boots and shoes, such as overgaiters, moccasins, and leggings, is also covered by this designation. It does not include the manufacture of rubber boots and shoes.

*Clothing, women's.*—Besides the making of suits, dresses, skirts, and shirt waists, this industry includes the manufacture of women's underwear and night robes, of infants' clothing, and of such articles as aprons, linings, belts, dress shields, and hose supporters.

*Sugar and molasses, not including beet sugar.*—Under this classification are included the manufacture of sugar and of some by-products of the sugar industry, such as molasses and sirup, and also the operations of sugar refineries, together with the manufacture of maple sugar. It does not, however, include the small plantation or custom sugar mills.

*Furniture and refrigerators.*—This industry embraces the manufacture of wood and metal furniture of all kinds, store and office fixtures, and refrigerators and ice boxes, except where such products are provided for by a distinct classification, such as show cases.

*Copper, tin, and sheet-iron products.*—This classification comprises the manufacture of sheet-metal products of copper, tin, and iron, including the preparation of copper, tin, or sheet-iron material for building construction. It includes the factory work on cornices, skylights, roofing, etc., but does not include the erection or installation of the same.

*Canning and preserving.*—This industry includes the canning and preserving of fruits and vegetables, fish, oysters, clams, etc., and the manufacture of pickles, preserves, jellies, sauces, etc. It includes the preparation of pickled, smoked, and dried fish, and the packing of dried fruits by packing houses which make a specialty of such business, but does not include the drying and packing of fruits by the grower on the farm, nor does it include the canning of meats, soups, and similar products in meat-packing establishments, the statistics for which are included with those for the slaughtering and meat-packing industry.

*Patent medicines and compounds and druggists' preparations.*—Under this head are included establishments making so-called patent medicines, and also some compounds that are not used for medicinal purposes, and the manufacture of capsules, extracts, tinctures, and other pharmaceutical preparations, together with perfumery and cosmetics.

*Chemicals.*—This classification includes establishments engaged primarily in the manufacture of acids, sodas, potashes, alums, coal-tar products, cyanides, bleaching materials, plastics, compressed or liquefied gases, alkaloïds, gold, silver, and platinum salts, chloroform, ether, and other fine chemicals, glycerin, epsom salts, copperas, blue vitriol, and other bases and salts, when they are made as a chief product by the establishment reporting. Chemical substances produced by the aid of electricity are presented in a group by themselves. Chemicals of the class above specified are frequently manufactured as by-products by establishments classified in the census reports under a different head, for example, by establishments making patent medicines and compounds and druggists' preparations, soap, fertilizers, baking powders, and flavoring extracts; by refiners of coal tar for use as roofing material; by smelters and refiners of lead and zinc; and by establishments engaged in the manufacture of sulphuric, nitric, and mixed acids and of explosives, in wood distillation, and in making tin and terne plate.

It will be seen from Table 4 that some of the industries that hold a very high rank in gross value of products rank comparatively low in the number of wage earners employed and in the value added by manufacture. Where this is the case it indicates that the cost of materials represents a large proportion of the total value of products, and that therefore the value added by manufacture, of which wages constitute usually the largest item, is not commensurate with the total value of products. Thus the slaughtering and meat-packing industry, which ranks first in gross value of products, and the flour-mill and gristmill industry, which ranks fifth in that respect, both hold a comparatively low rank with regard to number of wage earners and value added by manufacture. The blast-furnace industry, the smelting and refining of copper, the manufacture and refining of sugar and molasses, the manufacture of butter, cheese, and condensed milk, the refining of petroleum, and the smelting and refining of lead are other industries which rank much higher in gross value of products than in the number of wage earners or the value added by manufacture.

There are several industries the rank of which according to the number of wage earners and the value added by manufacture is decidedly higher than the rank according to value of products; in other words, the cost of materials is relatively a smaller part of the total value of products for these industries than for

most others. Among the industries of this class are the making of women's clothing, the manufacture of automobiles, furniture, electrical machinery, apparatus, and supplies, hosiery and knit goods, silk goods, and agricultural implements, and the confectionery and marble and stone work industries.

The foundry and machine-shop industry, the lumber industry, the steel works and rolling mills, the printing and publishing industry, the manufacture of cotton goods, of men's clothing, and of boots and shoes all rank among the first 10 industries in the table on

each of the three bases shown in the table. The figures for both value of products and value added by manufacture in the case of the brewery and distillery industries include a very large amount of tax paid to the Federal Government, and are therefore misleading as an indication of the relative importance of these industries from a purely manufacturing standpoint. That importance is best shown by their ranking in number of wage earners; in this respect the brewery industry ranks twenty-fifth among the industries listed, and the distillery industry forty-third.

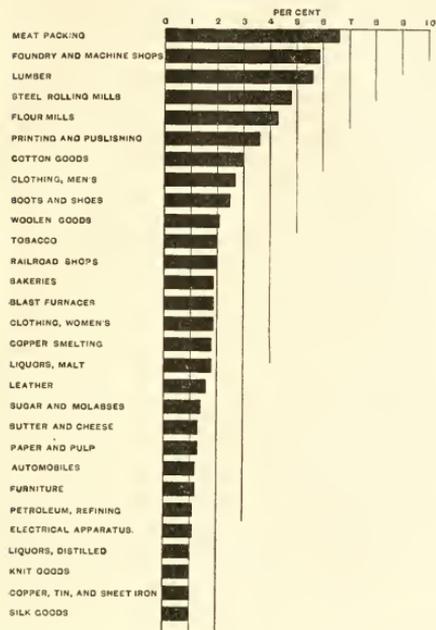
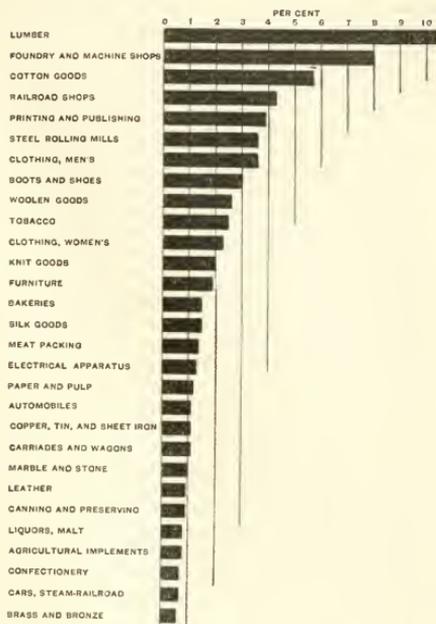
Table 4

INDUSTRY.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. <sup>1</sup>								
	Number of establishments.	Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Wage earners (average number).		Value of products.		Value added by manufacture.			
								1904-1909	1909-1904	1904-1909	1909-1904	1904-1909	1909-1904		
<b>All industries.....</b>	<b>268,491</b>	<b>6,618,046</b>	<b>100.0</b>	<b>\$20,672,082</b>	<b>100.0</b>	<b>\$8,529,261</b>	<b>100.0</b>	<b>21.0</b>	<b>16.0</b>	<b>39.7</b>	<b>29.7</b>	<b>35.5</b>	<b>30.3</b>		
Slaughtering and meat packing.....	1,641	89,728	16.1	1,370,568	6.6	167,740	13	2.0	19.9	8.9	45.6	17.0	51.6	7.3	
Foundry and machine-shop products.....	13,253	531,011	2.8	1,228,475	2	688,464	1	8.1	19.8	3.8	39.5	10.2	32.4	17.4	
Lumber and timber products.....	40,671	695,019	1	1,156,129	3	5.6	648,011	2	3.6	30.5	4.7	30.7	16.2	23.7	32.3
Iron and steel, steel works and rolling mills.....	446	240,076	6	985,723	4	4.8	328,222	4	7.9	15.7	13.3	46.3	12.9	41.0	12.8
Flour-mill and gristmill products.....	11,691	39,453	30	883,384	5	115,108	18	1.4	6.9	21.4	23.9	29.2	24.7	27.0	
Printing and publishing.....	31,445	258,434	5	737,876	6	3.6	536,101	3	6.3	18.0	12.2	33.6	34.8	30.8	40.6
Cotton goods, including cotton small wares.....	1,326	379,343	5.7	628,392	3	0.8	174,329	7	3.0	4.3	39.7	32.8	36.7	1.0	
Clothing, men's, including shirts.....	6,354	239,696	7	568,077	9	2.7	270,562	6	3.2	38.0	10.2	39.7	23.6	38.5	25.5
Boots and shoes, including cut stock and findings.....	1,918	198,297	8	512,798	9	2.5	150,660	10	2.1	7.0	6.0	43.4	23.3	36.0	34.0
Woolen, worsted, and felt goods, and wool hats.....	985	168,722	9	435,979	10	2.1	133,101	15	1.8	15.0	12.3	35.5	28.4	33.4	20.9
Tobacco manufactures.....	15,822	166,810	10	416,665	11	2.0	259,509	8	2.8	4.7	20.3	25.8	25.6	16.8	20.0
Cars and general shop construction and repairs by steam-railroad companies.....	1,145	292,174	4	405,701	12	2.0	296,188	9	2.4	19.1	35.4	39.9	42.0	29.9	46.0
Bread and other bakery products.....	21,328	100,216	14	399,865	13	1.9	188,831	14	1.2	23.3	35.2	47.2	33.7	39.8	41.4
Iron and steel, blast furnaces.....	298	38,429	31	391,429	14	1.9	70,791	30	0.8	9.6	-10.6	68.8	12.1	33.9	29.7
Clothing, women's.....	4,508	153,743	11	384,752	15	1.9	175,364	11	2.1	32.9	38.2	52.4	55.4	50.9	56.7
Smelting and refining, copper.....	38	16,628	38	378,806	16	1.8	45,274	36	0.5	22.6	12.6	57.3	45.8	2.8	2.5
Liquors, malt.....	919	54,576	28	374,734	17	1.8	278,578	5	3.1	12.4	24.0	25.6	25.9	24.1	23.6
Leather, tanned, curried, and finished.....	2,199	62,292	23	327,874	16	1.6	79,955	27	0.9	8.7	9.8	29.8	23.8	29.5	25.3
Sugar and molasses, not including beet sugar.....	273	13,526	41	279,289	14	1.4	31,666	41	0.4	-0.2	-4.1	15.7	-2.7	77.5	5.5
Butter, cheese, and condensed milk.....	8,439	18,481	36	274,558	20	1.3	39,612	39	0.5	19.5	23.1	63.2	28.6	54.4	15.1
Paper and wood pulp.....	1,775	76,978	18	267,657	21	1.3	102,215	21	1.2	15.2	32.9	41.8	48.2	32.0	36.4
Automobiles, including bodies and parts.....	743	77,773	19	249,209	22	1.2	117,556	17	1.4	328.4	437.7	729.7	532.6	596.3	473.5
Furniture and refrigerators.....	3,155	128,452	13	239,887	23	1.2	131,112	16	1.5	12.5	26.0	34.9	36.1	29.9	37.8
Petroleum, refining.....	167	13,929	40	236,998	24	1.1	37,725	40	0.4	-16.9	37.4	35.4	41.2	5.9	69.0
Electrical machinery, apparatus, and supplies.....	1,099	87,256	17	221,399	25	1.1	112,754	20	1.3	44.3	48.9	57.2	52.3	32.4	72.1
Liquors, distilled.....	613	6,490	43	204,699	26	1.0	168,722	12	1.0	20.1	44.0	55.6	55.6	59.7	29.4
Hosiery and knit goods.....	2,775	129,275	12	306,144	27	1.6	89,003	23	1.1	24.2	46.0	43.0	49.1	35.1	31.1
Copper, tin, and sheet-iron products.....	4,228	75,615	20	119,834	28	1.0	87,242	25	1.0	38.8	34.6	66.6	53.1	53.8	56.6
Silk and silk goods, including throwsters.....	852	99,057	15	196,912	29	1.0	89,143	24	1.0	24.4	21.7	47.7	24.3	55.2	28.0
Smelting and refining, iron.....	28	4,454	42	167,406	30	0.8	45,448	43	0.2	-2.0	-0.9	5.2	-8.7	-4.4	
Gas, illuminating and heating.....	1,296	37,265	32	165,814	31	0.8	114,386	19	1.3	24.1	36.1	33.3	65.3	30.0	59.6
Carrages and wagons and materials.....	5,412	68,268	22	159,873	32	0.8	77,942	28	0.9	-10.2	5.5	2.6	12.7	-0.5	9.6
Canning and preserving.....	3,767	59,568	24	157,101	33	0.8	55,278	31	0.7	5.3	-0.1	20.4	31.3	-16.8	32.7
Brass and bronze products.....	1,024	40,618	29	149,980	34	0.7	75,696	34	0.9	2.4	22.1	46.5	5.8	28.1	33.8
Oil, cottonseed, and cake.....	817	17,071	37	147,898	35	0.7	29,033	42	0.3	9.9	41.2	53.4	64.2	71.2	29.8
Agricultural implements.....	640	50,551	20	146,329	36	0.7	86,022	26	1.0	6.7	17	30.6	10.0	35.0	11.3
Patent medicines and compounds and druggists' preparations.....	3,642	22,895	35	141,942	37	0.7	91,566	22	1.1	11.8	7.6	20.9	32.3	17.5	37.1
Confectionery.....	1,444	41,638	27	134,767	38	0.7	75,696	32	0.7	28.2	44.6	58.3	48.5	40.1	31.4
Paint and varnish.....	791	14,249	39	124,889	39	0.6	45,873	35	0.5	22.4	20.0	37.5	30.6	47.9	24.9
Cars, steam-railroad, not including operations of railroad companies.....	110	43,086	28	127,780	40	0.6	44,977	37	0.5	26.5	1.8	11.3	22.8	26.6	23.5
Chemicals.....	349	23,714	34	117,689	41	0.6	53,867	33	0.6	19.7	4.1	56.5	20.1	61.5	18.0
Marble and stone.....	4,364	65,003	27	119,093	42	0.5	51,696	29	0.9	28.4	22.2	33.3	33.3	29.9	38.4
Leather goods.....	2,375	34,907	33	104,719	43	0.5	44,692	38	0.5	2.1	16.8	27.9	35.9	18.6	38.5
All other industries.....	61,887	1,648,441	21	4,561,002	44	22.0	2,084,399	24	18.5	23.9	41.8	41.5	36.6	47.1	

<sup>1</sup> Per cent of increase is based on figures in Table 110. A minus sign (-) denotes decrease.

The table shows very great differences among the several industries with respect to the percentages of increase in the number of wage earners, value of products, and value added by manufacture. The great majority of the industries, however, show an

increase in each of these items for each of the five-year periods, the exceptions being the sugar industry and the smelting and refining of lead, which show a decrease in one or more items for each of these five-year periods; the refining of petroleum, which shows a

PER CENT DISTRIBUTION OF VALUE OF PRODUCTS,  
BY INDUSTRIES: 1909.PER CENT DISTRIBUTION OF AVERAGE NUMBER OF  
WAGE EARNERS, BY INDUSTRIES: 1909.

decrease in one item, and the manufacture of carriages and wagons, which shows a decrease in two items, for the period 1904 to 1909; and the blast-furnace industry and the canning and preserving industry, which show a decrease in one item each during the period 1899 to 1904.

By far the highest percentages of increase are shown for the automobile industry, the gross value of products of which increased more than sevenfold during the five years 1904 to 1909, and more than fiftyfold during the decade as a whole. Other industries which show exceptionally large increases for both five-year periods in all three items are the making of men's and of women's clothing, the bakery and the butter, cheese, and condensed-milk industries, the manufacture of electrical machinery, apparatus, and supplies, and of copper, tin, and sheet-iron products, the distillery industry, the manufacture of hosiery and knit goods and of silk and silk goods, the illuminating-gas industry, the manufacture of brass and bronze products, and the confectionery, paint and varnish, and marble and stone work industries. It is interesting to note that the group of "all other industries," which in-

cludes the less important industries of the country, shows greater percentages of increase than all industries combined, thus indicating possibly an increased tendency toward diversification in manufacturing industries.

The percentage of increase in all three of the items—number of wage earners, gross value of products, and value added by manufacture—was greater during the second five-year period (1904 to 1909) than during the first (1899 to 1904) in the slaughtering and meat-packing and foundry and machine-shop industries, the manufacture of cotton goods, the men's clothing, boot and shoe, and woolen-goods industries, the smelting and refining of copper, the manufacture of automobiles, silk and silk goods, brass and bronze products, agricultural implements, and paint and varnish, the steel works and rolling mills, and the chemical industry. On the other hand, the percentage of increase in all three items was less during the later five-year period than during the earlier in the flour-mill and gristmill, railroad repair shop, bakery, women's clothing, paper and wood pulp, petroleum refining, furniture, illuminating gas, carriage and wagon, and leather-goods industries.

In all the other industries covered by the table the increases during the second period are in some items greater than during the first period, while in other items they are less, or else the industry shows a decrease during one or both periods.

In considering the relative importance of the industries shown in Table 110 and not included in Table 4, it should be noted that there are several industries listed the figures given for which fall far short of being a complete presentation of the statistics for that branch of manufactures covered by the industry designation, for the reason that they cover only establishments engaged primarily in manufacturing the class of products indicated by this designation, while large quantities of the same products are manufactured incidentally by establishments classified under other heads. Some conspicuous examples are the manufacture of glue, candles, lard, and fertilizers, and the dyeing and finishing of textiles. A large proportion of the glue, lard, and fertilizers are manufactured by slaughtering and meat-packing establishments, and quantities of fertilizers are also made in cottonseed-oil mills. The dyeing and finishing of textiles is done largely in the establishments that manufacture the fabric. Candles are manufactured in establishments classified under the head of "soap" and in those engaged in the manufacture of petroleum products. For reasons of this character the roasting and grinding of coffee and spice, and the manufacture of fertilizers, food preparations, and rubber goods, and the soap industry, for each of which products valued at over \$100,000,000 were reported, are not shown in Table 4.

**Summary by states and geographic divisions.**—Table 5 on the next page shows, for each state, the population, also the number of wage earners, value of products, and value added by manufacture in 1909, together with the rank of the state with respect to each of these items and the percentage of the total reported from each state. It also shows the percentage of increase with respect to each of these three items from 1904 to 1909 and from 1899 to 1904, respectively. The states are arranged in the order of their rank with respect to value of products.

The first seven states in respect to value of products are also the first seven in respect to number of wage earners and value added by manufacture. Each of these seven states has the same rank in all three respects except that Illinois, which is third in value of products and value added by manufacture, ranks fourth in number of wage earners, Massachusetts advancing to third place. These seven states together reported over three-fifths of the total value of manufactured products for the United States.

Most of the other states show approximately the same rank in each of the three items, but there are several states in which, because of the large proportion which the cost of materials represents of the total value of products, the rank according to value of products is materially higher than that in number of wage earners or in value added by manufacture. This is particularly true of states in which the flour-mill and slaughtering industries are the most important. The most noteworthy case of this character is Kansas, which ranks four-

VALUE OF PRODUCTS OF MANUFACTURES: 1909.



tenth in value of products, but only thirty-third in number of wage earners and twenty-eighth in value added by manufacture.

With only one exception all of the states show an increase in each of the three items from 1904 to 1909; in Montana, however, the value added by manufacture shows a decrease for this period, due largely to merely technical differences in methods of accounting in the smelting industry, which is the principal one in that state. A few of the states showed a decrease in one or more items for the period 1899 to 1904.

The greatest percentages of increase are naturally in those states in which the development of manufacturing industries is comparatively recent. Thus Texas, Washington, Oregon, Utah, Oklahoma, Idaho, North Dakota, and Nevada show exceptionally high rates of increase for both five-year periods. Among the 10 states which are most important in manufacturing the most conspicuous advances are in Ohio, New Jersey, and Michigan. The absolute increase, as distinguished from the percentage of increase, was greater in New York, the leading manufacturing state, than in any other state.

Table 5

STATE.	Population.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. <sup>1</sup>						
		Number of establishments.	Average number.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	1901-1909 (average number).	1909-1904	1901-1904	1909-1904	1901-1909	1909-1904	
United States.....	91,972,266	268,491	6,615,048	100.0	\$20,672,082	100.0	\$8,829,261	100.0	21.0	16.0	39.7	29.7	35.8	30.3
New York.....	9,113,614	44,035	1,003,981	1 15.2	3,369,490	1 16.3	1,512,586	1 17.7	17.2	17.9	35.4	32.9	32.7	33.5
Pennsylvania.....	7,665,111	37,839	873,843	1 31.3	2,628,059	1 27.7	1,043,767	1 17.7	15.0	15.0	34.3	31.5	28.1	38.5
Illinois.....	5,638,591	18,026	465,764	4 7.0	1,919,277	3 9.3	758,550	3 8.9	22.8	14.0	36.1	23.8	33.0	29.8
Massachusetts.....	3,366,416	11,684	584,539	3 8.8	1,490,529	4 7.2	660,764	4 7.7	19.7	11.4	32.6	23.8	32.6	21.7
Ohio.....	4,767,121	15,138	446,954	5 6.8	1,457,956	5 7.0	613,734	5 7.2	22.7	18.2	49.7	28.3	41.7	27.6
New Jersey.....	2,357,167	8,817	326,223	6 4.9	1,145,529	6 5.5	425,496	6 5.0	22.5	24.5	47.9	40.0	40.1	39.2
Michigan.....	2,810,173	9,159	231,499	7 3.5	882,059	7 4.3	316,677	7 3.7	32.1	25.5	50.7	34.2	59.6	38.5
Wisconsin.....	2,333,569	9,721	182,553	10 2.8	590,306	8 2.9	243,949	8 2.9	20.6	10.1	43.6	25.8	32.7	30.4
Indiana.....	2,790,876	7,969	186,984	9 2.8	579,075	9 2.8	244,700	9 2.9	21.3	10.9	47.0	16.9	41.1	22.2
Missouri.....	3,263,338	8,375	152,965	11 2.3	574,111	10 2.8	219,709	11 2.6	14.4	23.6	38.6	39.0	17.3	41.8
California.....	2,377,549	7,659	115,296	13 1.7	529,761	11 2.6	204,523	12 2.4	14.9	30.0	44.3	42.7	35.0	63.8
Connecticut.....	1,114,756	4,251	210,792	8 3.2	481,272	12 2.4	233,013	12 2.4	16.1	13.7	37.1	31.1	22.2	22.2
Minnesota.....	2,075,708	5,461	84,767	18 1.3	409,420	13 2.0	127,798	13 1.5	21.7	7.9	33.0	27.6	31.3	32.6
Kansas.....	1,690,949	3,503	44,215	33 0.7	325,104	14 1.6	166,239	28 0.8	24.3	31.2	64.0	38.7	58.7	25.4
Maryland.....	1,255,346	4,837	107,921	15 1.6	315,669	15 1.5	116,620	15 1.4	14.6	(?)	25.7	15.3	34.4	14.2
Rhode Island.....	542,610	1,951	113,538	14 1.7	280,344	14 1.4	122,152	14 1.4	16.7	10.3	38.7	27.1	36.9	15.0
Texas.....	3,846,439	4,588	73,029	23 1.3	272,899	17 1.3	94,717	19 1.1	31.8	21.4	62.0	40.7	60.7	53.0
Iowa.....	2,224,771	5,528	61,635	29 0.9	259,238	18 1.2	88,531	22 1.0	24.6	11.4	61.4	30.8	53.4	22.6
Louisiana.....	1,656,388	2,516	76,165	21 1.2	222,949	19 1.1	89,084	21 1.0	36.4	36.6	20.2	67.3	28.5	52.7
Kentucky.....	2,289,968	4,776	65,899	27 1.0	225,754	19 1.1	117,175	16 1.0	18.2	11.7	38.5	18.9	58.3	10.2
Washington.....	1,141,960	3,674	69,120	26 1.0	226,746	21 1.1	102,858	17 1.2	32.9	48.4	71.4	81.9	64.2	92.5
Virginia.....	2,061,612	5,985	106,676	19 1.6	219,724	22 1.1	94,213	20 1.1	31.6	21.2	47.7	37.0	44.5	32.3
North Carolina.....	2,306,287	4,931	121,473	12 1.8	216,656	23 1.0	94,794	18 1.1	42.8	18.0	52.0	67.1	47.9	56.5
Georgia.....	2,699,121	2,586	63,983	17 1.6	202,863	24 1.0	85,893	23 1.0	12.8	11.3	34.3	59.8	27.4	49.2
Nebraska.....	1,122,214	2,640	24,367	60 0.4	199,019	29 0.9	47,198	31 0.9	16.0	18.0	33.7	51.4	28.3	42.8
Tennessee.....	2,184,780	4,609	73,840	22 1.1	198,217	25 0.9	76,201	25 0.9	21.9	31.8	30.6	48.7	30.0	53.6
Maine.....	742,311	3,546	19,955	19 1.2	176,029	27 0.8	78,928	24 0.9	6.7	2.2	22.2	22.7	23.4	25.5
New Hampshire.....	400,572	1,961	78,608	20 1.2	164,581	28 0.8	66,424	27 0.8	20.3	-3.4	33.1	14.9	31.1	6.3
West Virginia.....	1,221,110	2,586	63,983	28 1.0	161,950	29 0.8	69,072	26 0.8	46.9	32.3	63.5	47.8	54.8	40.8
Alabama.....	2,138,093	3,398	72,148	24 1.1	145,962	30 0.7	62,629	29 0.7	16.0	18.0	33.7	51.4	28.3	42.8
Colorado.....	799,424	2,034	28,067	36 0.4	130,044	31 0.6	49,553	30 0.6	28.7	11.9	29.9	12.4	33.8	30.8
South Carolina.....	1,515,800	1,854	73,046	23 1.1	113,236	32 0.5	46,885	32 0.6	22.9	20.4	42.7	48.8	50.4	28.7
Oregon.....	672,765	2,246	28,750	35 0.4	90,035	33 0.4	42,433	35 0.5	35.5	28.1	67.5	51.1	74.3	57.7
Mississippi.....	1,797,114	2,598	63,983	31 0.8	89,655	34 0.4	43,626	34 0.4	20.1	44.4	40.2	70.4	47.5	84.3
Arkansas.....	1,574,449	2,925	44,982	32 0.7	74,916	35 0.4	39,361	36 0.5	35.9	20.0	30.1	35.0	74.7	48.5
Montana.....	376,653	677	11,655	41 0.2	73,276	36 0.4	24,992	38 0.3	30.1	-9.1	10.3	25.9	-5.5	12.4
Florida.....	2,159,752	5,743	30 0.9	72,890	37 0.4	46,762	33 0.6	36.5	18.7	44.9	47.1	38.5	58.3	
Vermont.....	358,866	1,938	33,788	34 0.5	66,310	38 0.3	33,487	37 0.4	2.1	17.5	8.3	22.5	9.2	22.0
Utah.....	373,631	749	11,785	49 0.1	61,989	39 0.3	28,629	40 0.3	168.5	97.7	155.4	192.2	165.6	200.9
Oklahoma.....	1,657,195	2,310	13,143	39 0.2	53,682	40 0.3	19,529	41 0.2	140.9	129.1	119.6	20.0	142.1	198.3
Delaware.....	202,222	726	21,238	43 0.3	52,840	41 0.3	21,902	39 0.3	15.0	-10.2	28.4	-0.4	34.6	-1.9
Arizona.....	204,354	311	6,441	49 0.1	56,257	42 0.2	16,657	42 0.2	34.4	53.3	79.0	37.4	23.5	7.4
District of Columbia.....	331,669	518	7,707	45 0.1	25,289	43 0.1	15,042	43 0.2	22.4	2.3	37.7	11.8	41.5	18.7
Idaho.....	325,994	726	8,220	52 0.1	22,460	44 0.1	12,495	44 0.1	68.5	69.9	69.9	69.9	69.9	69.9
North Dakota.....	577,056	752	2,780	48 (*)	19,138	45 0.1	5,464	46 0.1	68.9	29.2	87.3	63.2	75.0	48.0
South Dakota.....	583,888	1,020	3,602	46 0.1	17,870	46 0.1	6,394	45 0.1	44.5	12.0	36.0	37.3	54.5	44.1
Nevada.....	81,875	177	1,257	49 (*)	1,257	47 0.1	3,249	45 (*)	181.4	50.1	283.9	147.5	139.8	145.1
New Mexico.....	327,301	313	4,143	45 0.1	7,998	48 (*)	4,637	47 0.1	19.1	39.7	38.4	40.8	33.3	68.3
Wyoming.....	148,968	298	2,867	47 (*)	8,349	49 (*)	3,447	48 (*)	56.3	-11.0	77.4	7.5	63.6	17.1

<sup>1</sup> Per cent of increase is based on figures in Table 4. A minus sign (-) denotes decrease.

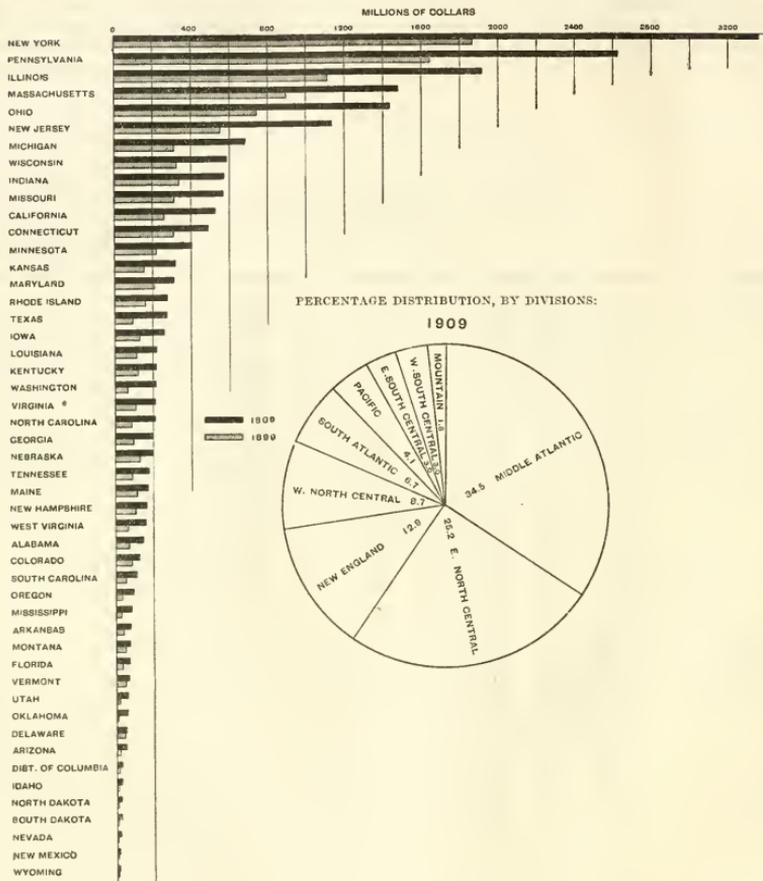
<sup>2</sup> Larger than one-tenth of 1 per cent.

Table 6, on page 448, presents similar data for the nine grand geographic divisions of the United States, arranged in the order of their rank in value of products. The states included in each division are shown in Table 11.

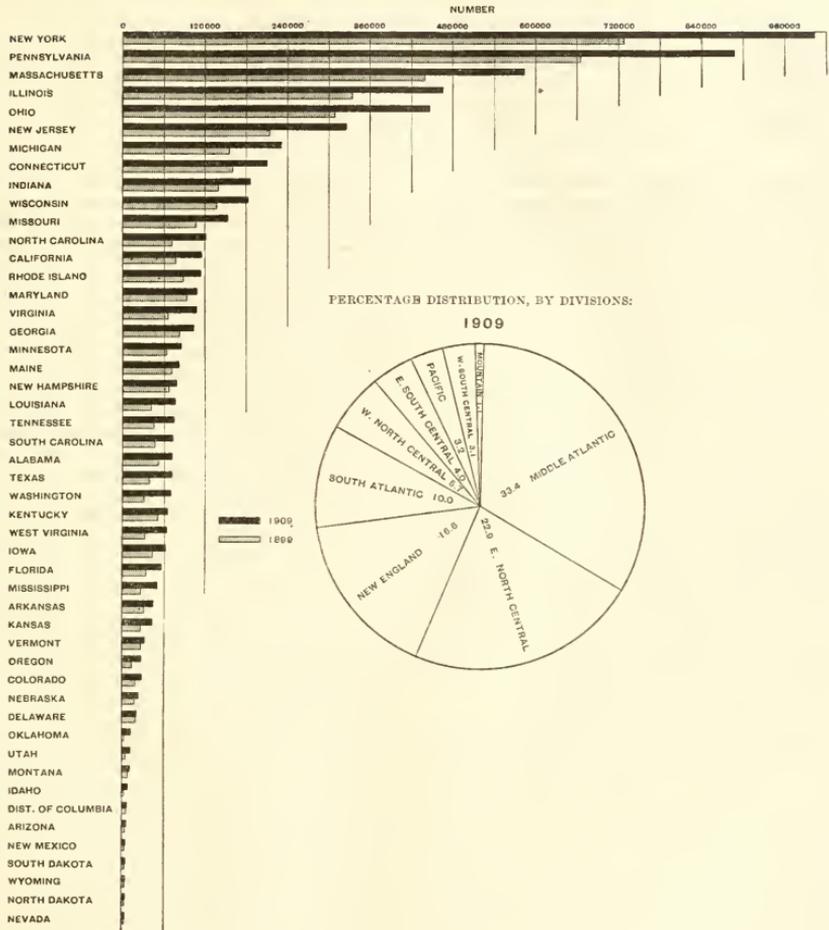
The three Middle Atlantic states—New York, New Jersey, and Pennsylvania—together reported more than one-third of the total value of manufactured products

for the country; the East North Central states, about one-fourth; and the New England states, somewhat over one-eighth. These three divisions together contributed 72.6 per cent of the total value of manufactured products in 1909; they showed, however, somewhat lower percentages of increase during the past decade than the other divisions, in which manufacturing is of more recent development.

## VALUE OF PRODUCTS OF MANUFACTURES, BY STATES: 1909 AND 1899.



AVERAGE NUMBER OF WAGE EARNERS, BY STATES: 1909 AND 1899.



PERCENTAGE DISTRIBUTION, BY DIVISIONS:

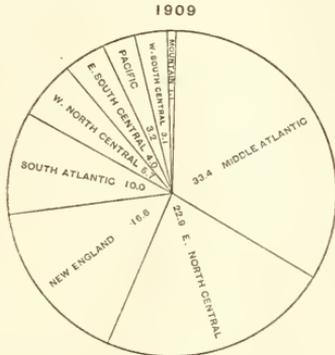


Table 6

DIVISION.	Popu- lation.	Number of estab- lishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE.								
			Average number.	Rank.	Per cent dis- tribu- tion.	Amount (ex- pressed in thou- sands).	Per cent dis- tribu- tion.	Amount (ex- pressed in thou- sands).	Per cent dis- tribu- tion.	Wage earners (average number).		Value of products.		Value added by manu- facture.			
										1904- 1909	1899- 1904	1904- 1909	1899- 1904	1904- 1909	1899- 1904		
United States .....	91,972,286	288,481	6,615,046	100.0	\$20,672,052	100.0	\$8,529,261	100.0	21.0	16.0	39.7	29.7	34.5	30.3			
Middle Atlantic .....	19,315,892	81,315	2,207,747	1	33.4	7,141,761	1	34.5	2,982,263	1	35.0	17.0	17.6	36.9	28.1	32.2	28.0
East North Central .....	18,250,621	60,013	1,513,764	2	22.9	5,211,702	2	25.2	2,177,239	2	25.5	23.6	14.1	14.0	26.4	39.6	29.4
New England .....	6,552,681	25,351	1,101,290	3	16.6	2,670,955	3	12.9	1,182,758	3	13.0	17.1	10.4	31.8	22.0	31.2	30.3
West North Central .....	11,657,921	37,171	374,337	5	5.7	1,805,899	4	8.7	562,044	5	6.6	38.8	17.4	40.4	32.0	33.0	29.8
South Atlantic .....	12,194,895	28,885	663,015	4	10.0	1,381,186	5	6.7	591,181	4	6.9	26.9	14.0	41.8	36.8	39.5	34.1
Pacific .....	4,192,304	13,579	213,166	7	3.2	843,512	6	4.1	349,834	6	4.1	29.9	33.2	22.9	51.2	46.3	62.7
East South Central .....	8,409,901	15,381	361,772	6	4.0	630,488	7	3.0	630,488	7	3.4	18.3	24.8	35.8	42.8	38.7	49.8
West South Central .....	8,794,534	12,359	294,630	8	3.1	625,443	8	3.0	243,312	8	2.9	26.5	50.6	64.6	44.5	70.4	34.6
Mountain .....	2,633,517	5,254	75,435	9	1.1	368,996	9	1.8	135,304	9	1.6	42.9	18.6	42.9	32.8	32.8	33.6

Summary for 50 leading cities: 1909.—Table 7 presents, for the 50 cities which stand highest in value of manufactured products, arranged in order of rank, data similar to those presented for the geographic divisions in Table 6. It should be particularly noted in considering this table that the figures relate only to the manufacturing establishments situated actually within the boundaries of the several cities.

In the case of practically every city listed there are important manufacturing establishments in the immediate vicinity, and in the case of several of the cities such outside establishments, which virtually constitute a part of the city's industrial interests, have a greater value of products than those within the city itself. The most notable instances of this character are Pittsburgh and Boston, which would rank decidedly higher in a table based on metropolitan or industrial districts than they do in the table for cities proper. While the population of Pittsburgh proper is 533,905, the population of the metropolitan district of Pittsburgh, as defined by the Census Bureau, is 1,042,855. Similarly, the population of the Boston metropolitan district is 1,520,470, as compared with 670,585 for the city proper. Further details regarding the manufactures of the 25 leading cities are given in Table 112.

The rank of the cities of the country with respect to manufactures is in many cases decidedly different from their rank in population. Thus Boston ranks fifth in population, but eighth in value of manufactured products; Baltimore, seventh in population, but thirteenth in value of manufactured products; and Los Angeles, sixteenth in population, but thirty-second in value of products. Kansas City, Kans., on the other hand, by reason of the large slaughtering establishments there, ranks fifteenth in value of manufactured products, but is not among the 50 principal cities from the standpoint of population. Of the 50 cities in the United States which have over 100,000 inhabitants, 14 are not included among the 50 cities having the largest value of manufactures.

In the case of some of the cities listed in the table, the rank with respect to the number of wage earners and the value added by manufacture is very different from that with respect to the gross value of products, these differences being dependent upon the character of the predominating industries. It is noteworthy, however, that the 13 cities which rank highest in gross value of products are also the 13 which occupy the highest rank with respect to wage earners and value added by manufacture, although considered individually these cities do not in all cases hold the same rank in each of the three respects. Conspicuous instances of cities having higher rank in gross value of products than in number of wage earners or value added by manufacture are Kansas City, Kans., South Omaha, Youngstown, Bayonne, and Perth Amboy. On the other hand, cities which lead in the manufacture of textiles, such as Lawrence, Fall River, Lowell, New Bedford, and Paterson, have a decidedly higher rank with respect to number of wage earners than with respect to either value of products or value added by manufacture.

For every city listed in the table a greater gross value of products and, with the exception of Omaha, a greater value added by manufacture were reported in 1909 than in 1899. Only two cities—San Francisco and New Orleans—showed a loss in gross value in 1909 as compared with 1899, and only San Francisco a loss in value added by manufacture. Between 1899 and 1904, however, decreases in gross value of manufactures occurred in four cities. In number of wage earners, Pittsburgh, San Francisco, South Omaha, and Peoria showed a decline in 1909 as compared with 1899; several other cities showed decreases from 1899 to 1904, but these were more than made up during the second half of the decade. It may be noted that the statistics for the Pittsburgh industrial district, which is more comprehensive than the city, would show decided gains and that the decrease in the manufacturing industries in San Francisco is the natural result of the great earthquake and fire.

Of the cities reporting products of \$200,000,000 or more, Detroit showed the greatest percentage

of increase in all of the items under consideration and Cleveland the next greatest, with the exception of the number of wage earners, in which it was exceeded by Milwaukee. Among the smaller manufacturing cities included in the table, those showing conspicuous

increases are Akron, Perth Amboy, Los Angeles, and Seattle.

In the case of most of the cities higher rates of increase in all three items are shown for the period 1904 to 1909 than for the period 1899 to 1904.

City.	Population.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. <sup>1</sup>					
			Average number.		Amount (expressed in thousands).		Amount (expressed in thousands).		Wage earners (average number).		Value of products.		Value added by manufacture.	
			1899	1909	1899	1909	1899	1909	1899	1904	1904	1909	1904	1909
New York, N. Y.	4,706,883	25,938	554,002	1	\$2,029,093	1	\$37,538	1	19.2	19.6	32.0	30.2	32.3	31.5
Chicago, Ill.	2,185,283	9,656	290,977	2	1,281,171	2	487,701	2	21.5	9.4	34.1	19.7	33.6	22.5
Philadelphia, Pa.	1,549,008	8,579	251,884	3	746,076	3	316,894	3	10.9	6.6	26.2	15.7	22.8	14.8
St. Louis, Mo.	2,927,029	4	67,029	4	140,306	4	140,306	4	5.6	27.6	38.8	39.4	48.7	48.7
Cleveland, Ohio.	500,663	2,148	84,728	5	271,961	5	117,046	6	32.3	15.7	58.2	23.4	37.4	18.2
Detroit, Mich.	465,766	2,036	81,011	6	252,922	6	122,774	5	67.1	26.3	37.3	45.1	99.1	49.1
Pittsburgh, Pa.	533,985	1,659	67,474	9	243,454	7	94,927	8	-5.8	-0.2	15.2	-3.2	9.5	-3.4
Boston, Mass.	673,585	3,155	69,637	8	257,457	8	112,589	7	17.7	11.9	28.8	15.3	25.8	11.5
Buffalo, N. Y.	423,718	1,734	51,412	13	218,804	9	87,500	12	18.0	0	27.1	38.2	39.4	48.7
Milwaukee, Wis.	370,857	1,794	59,502	12	208,324	10	87,700	10	37.2	5.2	51.0	24.5	31.1	40.8
Newark, N. J.	347,469	1,858	59,955	11	202,511	11	87,832	11	18.3	18.2	35.0	33.1	26.6	33.5
Cincinnati, Ohio.	363,591	2,184	100,192	10	194,510	12	92,584	9	2.7	6.6	17.1	17.2	11.8	17.8
Baltimore, Md.	558,485	2,502	71,444	7	186,978	13	79,354	13	9.8	-2.3	24.5	11.1	14.9	16.2
Minneapolis, Minn.	301,488	1,102	26,962	25	165,463	15	45,412	18	24.4	10.5	36.5	28.3	40.7	26.6
Kansas City, Kans.	82,331	105	12,294	42	164,051	15	19,601	44	16.8	11.0	70.1	20.6	56.4	12.9
San Francisco, Cal.	416,912	1,796	28,244	21	133,041	16	56,824	15	-26.5	18.0	-3.4	28.7	-8.1	49.1
Jersey City, N. J.	267,779	745	25,454	28	128,779	17	39,458	21	25.1	17.0	70.0	3.9	46.5	18.9
Indianapolis, Ind.	233,650	858	31,815	19	126,522	18	42,771	20	18.0	27.4	45.5	38.6	39.1	44.8
Providence, R. I.	224,326	1,080	46,381	14	120,241	19	55,471	16	16.5	3.7	30.7	16.9	32.0	16.4
Youngstown, Ohio.	218,149	1,203	39,108	15	112,676	20	62,602	14	23.1	13.3	38.9	35.9	43.6	37.3
Louisville, Ky.	228,928	903	27,023	24	101,284	21	47,156	17	8.2	8.3	21.7	25.9	25.7	20.1
South Omaha, Nebr.	26,259	71	6,206	48	92,436	22	14,753	48	11.4	-10.5	37.1	-3.0	79.6	-3.2
Indianapolis, Ind.	233,650	858	31,815	19	126,522	18	42,771	20	18.0	27.4	45.5	38.6	39.1	44.8
Lawrence, Mass.	85,892	162	30,442	20	79,963	24	34,555	23	39.4	4.8	66.5	15.1	85.6	10.6
New Orleans, La.	339,675	848	17,136	37	78,794	25	30,062	28	-1.6	7.9	-3.2	41.7	33.1	32.4
Worcester, Mass.	145,986	580	28,221	22	77,148	26	34,547	25	23.8	0.9	47.9	11.4	37.5	7.8
Bayonne, N. J.	55,845	97	7,519	47	75,441	27	14,709	49	6.5	51.1	21.5	57.1	7.8	184.0
Akron, Ohio.	68,967	246	15,821	39	73,138	28	31,279	27	64.5	16.6	118.0	52.4	128.8	41.4
Perth Amboy, N. J.	32,121	80	5,866	50	73,063	29	9,161	50	48.5	97.0	110.0	147.5	104.3	65.2
Lynn, Mass.	89,336	431	27,368	23	71,503	30	30,142	26	27.1	31.5	30.9	39.8	34.6	50.3
Paterson, N. J.	125,690	702	32,004	18	69,584	31	34,856	32	12.3	-0.1	27.3	12.7	28.0	15.1
Los Angeles, Cal.	319,198	1,325	17,327	36	68,585	32	29,673	29	66.2	101.5	97.0	130.0	84.0	128.9
Bridgeton, Conn.	102,434	367	25,728	27	65,039	33	32,377	32	32.7	14.4	42.3	24.2	34.3	36.9
Fall River, Mass.	119,255	288	37,139	16	64,146	34	28,622	31	38.4	-12.4	47.6	11.6	64.7	-17.4
Peoria, Ill.	66,950	283	5,981	49	63,061	35	45,288	19	2.5	-2.7	4.4	35.6	1.6	41.2
Toledo, Ohio.	168,497	760	18,878	34	61,230	36	27,146	35	20.3	23.1	37.6	39.2	42.6	51.3
Omaha, Nebr.	124,096	432	8,028	46	60,854	37	17,459	46	37.8	30.3	12.7	41.8	57.0	-38.8
Dayton, Ohio.	116,577	518	21,849	31	60,578	38	32,850	34	26.1	18.6	52.5	27.7	55.2	26.4
Lowell, Mass.	106,294	330	32,575	17	60,271	39	27,449	34	11.2	0.2	28.6	13.8	37.7	4.6
Yonkers, N. Y.	79,833	158	12,711	41	59,334	40	16,132	47	30.0	29.4	47.9	93.9	57.9	31.7
St. Paul, Minn.	214,744	719	19,339	33	68,990	41	28,600	30	34.6	10.3	53.9	27.5	52.4	33.1
Kansas City, Mo.	248,381	992	14,643	40	64,794	42	23,742	38	32.6	33.8	53.5	50.8	47.9	45.1
New Bedford, Mass.	96,652	297	26,566	26	53,238	43	24,677	48	18.8	17.0	80.7	26.0	84.4	14.2
Denver, Colo.	213,281	766	12,038	43	51,538	44	20,611	43	24.7	13.8	40.6	-3.3	31.6	-16.1
Reading, Pa.	96,671	482	24,145	29	51,135	45	21,287	42	33.7	6.9	67.7	-0.7	54.5	12.6
New Haven, Conn.	133,605	690	23,437	30	51,071	46	26,752	36	9.8	21.8	28.8	13.7	26.5	12.7
Seattle, Wash.	217,194	751	25,031	44	50,509	47	21,309	43	39.3	43.8	29.3	63.8	98.1	71.9
Waterbury, Conn.	73,141	169	20,170	32	50,350	48	21,624	41	30.9	16.5	55.6	6.7	48.1	20.4
Syracuse, N. Y.	137,249	738	18,148	35	49,435	49	27,659	33	24.7	23.2	42.3	30.7	48.5	30.9
Camden, N. J.	94,538	365	16,527	38	49,158	50	21,754	49	30.5	63.5	46.3	86.9	65.7	32.9

<sup>1</sup> Per cent of increase is based on figures in Table 113. A minus sign (-) denotes decrease.

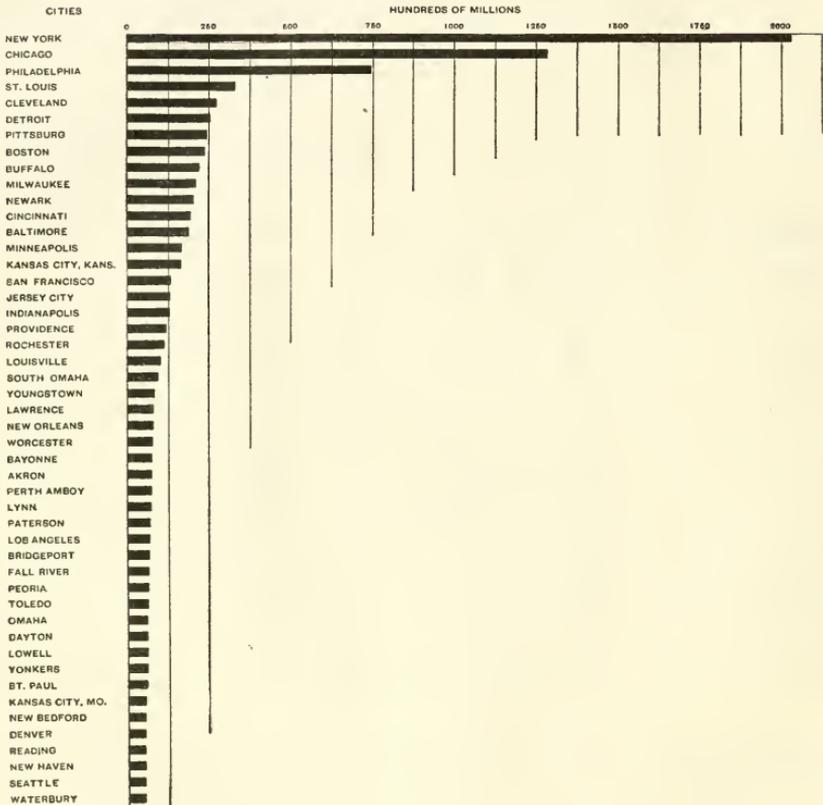
#### Distribution according to size of communities.—

It is a matter of interest to know the extent to which the manufacturing enterprises of the country are located in the larger cities as compared with the smaller cities and rural districts. Some indication of this is given in Table 8, on page 451, which distributes the total number of establishments, average number of wage earners, value of products, and value added by manufacture reported in 1909 and 1899 by classes of places, the classes distinguished being cities of 100,000 inhabitants or over, cities of 25,000 to 100,000 inhabitants, cities of 10,000 to 25,000 inhabitants, and the remainder of the country, the latter including the

smaller cities, towns, and other incorporated places and the rural districts. The aggregate population of each group in 1910 and 1900 is also given. Statistics for 1904 are not given because there was no Federal census of population for that year, and it is impossible to determine with accuracy what cities belonged to each group.

In considering this table it should be noted that each place is classed at each census according to its population at that census, so that the same community may be in one class in 1900 and in another class in 1910; and consequently the change in the totals for any given class of communities from 1899 to 1909 should not be

## VALUE OF PRODUCTS FOR PRINCIPAL CITIES: 1909.



taken as measuring the increase in manufacturing business in the same communities. The significant figures are the percentages of the totals reported by each class of places at the two censuses. It should be noted further that the statistics of manufactures shown for any given community are those reported from establishments lying strictly within the municipal

boundaries. Since in many cases large manufacturing establishments are located just outside of city boundaries, the proportion of the manufacturing business of the country as a whole which, in a sense, can be properly credited to places of 10,000 or more inhabitants is somewhat greater than can be shown by the statistics in this table.

Table 8

	Year.	Aggregate.	CITIES AND TOWNS HAVING A POPULATION OF 10,000 AND OVER.								DISTRICTS OUTSIDE OF CITIES AND TOWNS HAVING A POPULATION OF 10,000 AND OVER.		
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.		Number or amount.	Per cent distribution.	
			Number or amount.	Per cent distribution.	Number or amount.	Per cent distribution.	Number or amount.	Per cent distribution.	Number or amount.	Per cent distribution.			
Number of cities.....	1910		593		365		178		50				
	1900		436		277		122		37				
Population.....	1910	91,972,266	34,002,692	37.0	5,495,594	6.0	8,204,960	8.9	20,302,138	22.1	57,969,574	63.0	
	1900	75,994,575	24,052,670	31.7	4,297,118	5.7	5,547,205	7.3	14,208,347	18.7	51,941,905	68.3	
Number of establishments.....	1909	268,491	135,722	50.6	18,936	7.1	27,061	10.1	89,775	33.4	132,710	49.4	
	1899	207,514	102,918	49.6	15,463	7.5	20,147	9.7	67,308	32.4	104,596	50.4	
Average number of wage earners.	1909	6,615,046	4,316,642	65.3	678,467	10.3	1,126,253	17.0	2,511,922	38.0	2,298,404	34.7	
	1899	4,712,763	3,044,439	64.6	324,900	11.1	767,293	16.3	1,752,246	37.2	1,668,324	35.4	
Value of products.....	1909	\$20,672,051,870	\$14,254,878,807	69.0	\$1,946,703,215	9.4	\$3,582,403,574	17.3	\$8,735,772,018	42.3	\$6,407,173,063	31.0	
	1899	11,406,926,701	7,854,564,177	68.9	1,052,639,594	9.2	1,843,124,795	16.1	4,968,799,788	43.6	3,542,302,524	31.1	
Value added by manufacture..	1909	8,529,260,992	6,003,005,285	70.4	801,766,297	9.4	1,431,652,140	16.8	3,769,586,842	44.2	2,526,255,707	29.6	
	1899	4,831,075,210	3,377,477,927	69.9	458,679,363	9.5	773,117,708	16.0	2,145,680,856	44.4	1,433,597,283	36.1	

In 1909 places of more than 10,000 inhabitants, although they included only 37 per cent of the total population of the country, contained a little over one-half of the total number of manufacturing establishments in the country. These establishments employed nearly two-thirds of the wage earners employed in manufactures (65.3 per cent), and reported more than two-thirds of the total value of products and of the value added by manufacture, the actual percentages being 69 and 70.4, respectively.

It is noteworthy, however, that, whereas communities of this size contained a materially larger proportion of the population of the country in 1910 than they did in 1900—37 per cent as against 31.7 per cent—there was only a very slight increase in their proportion of the total number of manufacturing establishments and of wage earners, and of the total value added by manufacture, and practically no change in their proportion of the total value of products. In other words, while these communities, considered as a

group, have perhaps a little more than held their own in relative importance in manufacturing industry, they have not gained in this respect commensurately with their gain in population. The foregoing statement regarding this group as a whole holds true likewise for the class of cities having from 25,000 to 100,000 inhabitants and for the class having 100,000 or more inhabitants, except that for the latter group there was a slight decrease in the proportion of the value of products and value added by manufacture. On the other hand, the class of communities having from 10,000 to 25,000 inhabitants reported a slight increase in its proportion of the total population in 1910 as compared with 1900, and a slightly larger proportion of the total value of products in 1909 than in 1899, although in respect to number of establishments, average number of wage earners, and value added by manufacture, the proportion for such communities was slightly lower in the later year than in the earlier.

#### PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.

**Definitions and explanations.**—Attention is called to certain differences between the census of 1909 and previous censuses in respect to the manner of collecting and presenting statistics of persons engaged in manufacturing industries.

At the censuses of 1899, 1904, and 1909 the following general classes of persons engaged in manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks, and (5)

wage earners. In the reports for the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. The second group included the three classes of salaried officers of corporations, superintendents and managers, and clerks. In certain tables relating exclusively to the present census a somewhat different grouping is employed—that into (1) proprietors and officials, (2) clerks, and (3) wage earners. The first

group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers. In comparative tables covering the censuses of 1899 and 1904 it is of course necessary to group the figures for 1909 according to the same classification that was employed in the earlier censuses.

At this census the number of persons engaged in the industries, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for December 15, or the nearest representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where conditions were exceptional, and particularly in the case of certain seasonal industries, such as canning, the December date could not be accepted as typical and an earlier date had to be chosen.

In the case of employees other than wage earners the number thus reported on December 15 or other representative day has been treated as equivalent to the average for the year, since the number of employees of this class does not vary much from month to month in a given industry. In the case of wage earners the average is obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on December 15 or other representative day, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported each month by 12. The average thus obtained represents the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, the importance of any industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given in certain tables for each separate industry, is not totaled for all industries combined, because in view of the variations of date such a total is believed not to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation.

In particular, totals by sex and age for the wage earners reported for the representative day for all industries combined would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially

different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by sex and age of the wage earners in each industry for December 15 or the nearest representative day has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry, to determine the average number of men, women, and children employed. These calculated averages for the several industries have been added up to give the average distribution for each state as a whole and for the entire country.

In 1899 and 1904 the schedule called for the average number of wage earners of each sex 16 years and over, and the average number under 16 years of age without distinction of sex, for each month, and these monthly statements were combined in an annual average. Comparatively few manufacturing concerns, however, keep their books in such way as to show readily the number of men, women, and children employed on the average each month. These monthly returns by sex and age were, in fact, largely estimates. It was believed that a more accurate and reliable sex and age distribution could be secured by taking as a basis of estimate the actual numbers employed on a single day.

**Summary for United States: 1909.**—The following table shows, for 1909, the distribution of the persons engaged in manufacturing, each class being distributed by sex, and the average number of wage earners by age also:

CLASS.	PERSONS ENGAGED IN MANUFACTURES.		
	Total.	Male.	Female.
<b>All classes.....</b>	<b>7,678,578</b>	<b>6,162,265</b>	<b>1,516,313</b>
Proprietors and officials.....	487,173	472,914	14,259
Proprietors and firm members.....	273,965	263,673	9,592
Salaried officers of corporations.....	80,735	78,937	1,798
Superintendents and managers.....	133,173	130,304	2,869
Clerks.....	576,359	437,056	139,303
Wage earners (average number).....	6,615,046	5,282,293	1,362,753
16 years of age and over.....	6,453,553	5,163,164	1,290,389
Under 16 years of age.....	161,493	89,129	72,364

The average number of persons engaged in manufacturing industries during 1909 was 7,678,578. Of these, 6,615,046, or 86.1 per cent, were wage earners; 487,173, or 6.3 per cent, proprietors and officials; and 576,359, or 7.5 per cent, clerks. Of the wage earners, 5,163,164 were males 16 years of age and over; 1,290,389 females 16 years of age and over; and 161,493 children under the age of 16.

Statistics of employees for the last three censuses are given for individual industries in Table 110, and for each state and geographic division in Table 111.

**Occupational status by leading industries: 1909.**—The following table shows for the 43 leading industries the number of proprietors, officers of corporations, superintendents and managers, clerks, and wage earners,

respectively, and the percentage which the persons included in each of the principal groups represent of the total number employed. The figures for wage earners represent the average number for the year.

Table 10

PERSONS ENGAGED IN MANUFACTURES.

INDUSTRY.	Total number.	Proprietors and officials.				Clerks.	Wage earners (average number).	Per cent of total.		
		Total.	Proprietors and firm members.	Salaried officials of corporations.	Superintendents and managers.			Proprietors (and officials).	Clerks.	Wage earners (average number).
<b>All industries.....</b>	<b>7,678,578</b>	<b>467,173</b>	<b>273,265</b>	<b>80,735</b>	<b>133,173</b>	<b>576,359</b>	<b>6,615,046</b>	<b>6.3</b>	<b>7.5</b>	<b>86.1</b>
Agricultural implements.....	60,229	2,489	465	569	1,455	7,189	50,551	4.1	11.9	83.9
Automobiles, including bodies and parts.....	85,359	2,564	305	758	1,401	7,074	75,721	3.0	8.3	88.7
Boots and shoes, including cut stock and findings.....	253,925	5,732	1,838	1,057	2,887	11,874	198,257	2.7	5.5	91.8
Bread and bronze products.....	45,441	2,160	828	584	748	2,663	40,618	4.8	5.9	84.4
Bread and other bakery products.....	144,322	29,136	26,982	801	1,353	14,770	100,216	20.2	10.4	69.4
Butter, cheese, and condensed milk.....	31,506	1,000	8,019	1,032	1,429	2,595	18,431	33.3	8.2	58.5
Canning and preserving.....	71,972	6,920	4,244	968	1,708	5,084	59,968	9.6	7.1	83.3
Carrriages and wagons and material.....	82,944	8,544	6,213	1,166	1,166	4,172	66,928	10.7	5.0	84.3
Cars and general shop construction and repairs by steam-railroad companies.....	301,273	6,974	2	1,877	5,095	12,125	282,174	2.3	4.0	93.7
Cars, steam-railroad, not including operations of railroad companies.....	47,094	1,061	7	241	793	2,967	43,086	2.2	6.3	91.5
Chemicals.....	27,791	1,086	154	367	565	2,991	23,714	3.9	10.8	85.3
Clothing, men's, including shirts.....	271,437	12,041	8,502	1,069	2,450	19,700	239,696	4.4	7.3	88.3
Clothing, women's.....	179,021	9,281	6,482	842	1,957	15,997	153,743	5.2	8.9	85.9
Confectionery.....	54,834	3,362	1,822	764	764	6,854	44,628	5.1	8.6	86.3
Copper, tin, and sheet-iron products.....	86,934	7,659	4,423	1,288	1,558	6,050	73,615	8.4	7.0	84.7
Cotton goods, including cotton small wares.....	387,771	4,461	377	1,726	2,358	4,430	378,880	1.2	1.1	97.7
Electrical machinery, apparatus, and supplies.....	165,600	4,121	439	997	2,685	14,223	87,256	3.9	13.5	82.6
Flour-mill and gristmill products.....	166,054	18,763	14,570	1,486	2,707	7,538	39,453	28.4	11.9	59.7
Foundry and machine-shop products.....	260,712	31,665	9,831	9,348	12,486	32,969	531,011	5.1	8.6	86.3
Furniture and refrigerators.....	144,140	1,407	2,657	2,170	2,454	8,409	128,432	5.1	5.8	89.1
Gas, illuminating and heating.....	51,007	2,966	277	990	1,719	10,806	37,215	5.9	21.2	73.0
Hosiery and knit goods.....	136,130	3,308	1,134	799	1,375	3,547	129,275	2.4	2.6	96.0
Iron and steel, blast furnace.....	43,904	1,119	48	262	809	3,513	39,429	2.6	8.2	89.2
Iron and steel, steel works and rolling mills.....	260,712	4,286	47	779	3,460	16,400	240,076	1.6	6.3	92.1
Leather goods.....	43,525	4,209	2,532	710	897	4,409	34,907	9.7	10.1	80.2
Leather, tanned, curried, and finished.....	67,100	2,331	784	629	918	2,567	62,202	3.5	3.8	92.7
Liquors, distilled.....	8,328	1,111	563	217	331	787	6,430	13.3	9.4	77.2
Liquors, malt.....	66,725	4,362	638	8,818	1,904	7,784	54,573	6.5	11.7	81.8
Lumber and timber products.....	784,989	68,165	48,825	6,616	12,724	21,805	685,019	8.7	2.8	88.5
Marble and stone work.....	77,275	8,419	6,026	867	1,560	3,513	65,003	10.0	4.2	84.9
Oil, cottonseed, and cake.....	21,273	2,167	110	576	1,481	2,035	17,071	10.2	9.6	80.2
Paint and varnish.....	21,896	2,016	456	793	767	5,640	14,240	9.2	25.8	65.0
Paper and wood pulp.....	81,473	2,268	266	773	1,275	3,197	76,978	2.8	3.9	93.3
Patent medicines and compounds and druggists' preparations.....	41,101	5,647	2,802	1,427	1,418	12,559	22,895	13.7	30.6	55.7
Petroleum, refining.....	16,640	671	42	211	418	2,040	13,929	4.0	12.3	83.7
Printing and publishing.....	388,465	49,332	30,424	7,265	11,643	80,700	258,434	12.7	20.8	66.5
Silk and silk goods, including throwsters.....	105,238	2,236	664	440	1,092	3,965	99,037	2.1	3.8	94.1
Slaughtering and meat packing.....	108,716	3,514	1,659	731	1,194	15,474	89,728	3.2	14.2	82.5
Smelting and refining, copper.....	16,832	275	7	53	213	929	15,628	1.6	5.5	92.8
Smelting and refining, lead.....	8,059	132	.....	44	88	508	7,424	1.6	6.2	92.1
Sugar and molasses, not including beet sugar.....	15,658	789	204	144	443	1,343	13,526	5.0	8.6	86.4
Tobacco manufactures.....	197,637	21,012	17,334	809	2,569	9,815	166,810	10.6	5.0	84.4
Woolen, worsted, and felt goods, and wool hats.....	175,176	3,192	732	542	718	3,262	178,722	1.8	1.9	96.3
All other industries.....	1,916,361	117,592	59,996	23,811	35,023	149,988	1,648,441	6.2	7.8	86.0

The highest proportion of proprietors and officials shown for any individual industry covered by the table, 33.3 per cent, is for the butter, cheese, and condensed-milk industry. Many of the establishments in this industry are carried on by cooperative associations, and the practice in 1909, as at prior censuses, was not to include the members of such associations as proprietors in the totals, but to omit them altogether. From the information contained in the reports, it is impossible, in some instances, to distinguish such associations from partnerships, and the large number of proprietors and officials shown for this industry indicates the probability that the members of some associations were inadvertently included as partners. The high percentage of proprietors and

officials in the flour-mill and gristmill and the bakery industries is explained by the fact that the majority of the establishments are small and the work is to a large extent done by the proprietors or their immediate representatives, while in the large flour mills automatic machinery has reduced the amount of labor to a minimum.

A factor which has much to do with the proportion of clerks among the total number of employees in an industry is the method of marketing the product. Thus there are high percentages of clerks in the manufacture of patent medicines and compounds and druggists' preparations, and in the paint and varnish, illuminating-gas, and printing and publishing industries. In these industries the average num-

ber of customers or patrons for each establishment is large and this necessitates a large force of employees for soliciting trade, correspondence, accounting, and collection.

In general, though not in all cases, the larger the average size of establishments in an industry, the smaller is the proportion of proprietors, officials, and clerks, and the larger the proportion of wage earners. Thus the four textile industries—the cotton, woolen, hosiery and knit-goods, and silk-manufacturing industries—which are mainly conducted in large factories, show the largest proportions of wage earners. An unusually large proportion of wage earners is shown also for the paper and pulp mills, the steel works and rolling mills, the construction of steam-railroad cars, the smelting and refining of copper and lead, the tanning and finishing of leather, boots and shoes, and the repair shops of steam railroads.

**Comparison with previous censuses as to occupational status.**—In order to compare the distribution of persons engaged in manufacturing industries according to occupational status in 1909 with that shown at the census of 1904, it is necessary to use the classification employed at the earlier census. (See p. 451.) Such a comparison is made in the following table. Comparable figures for 1899 are not available.

Table 11

CLASS.	PERSONS ENGAGED IN MANUFACTURES.				
	1909		1904		Per cent of increase, 1904-1909.
	Number.	Per cent distribution.	Number.	Per cent distribution.	
Total.....	7,678,578	100.0	6,213,612	100.0	23.8
Proprietors and firm members.....	273,263	3.6	225,673	3.6	21.1
Salaried employees.....	790,267	10.3	519,556	8.4	52.1
Wage earners (average number).....	6,615,048	86.1	5,468,383	88.0	21.0

A greater percentage of increase is shown for salaried employees than for the other two classes. This is due in part to the changes from individual and firm ownership to corporate organization, a change which frequently involves the transfer of proprietors and firm members to the class of officials. At the same time there is no doubt that the number of clerks here classified with the other salaried employees has increased relatively faster than the number of wage earners. This may indicate an increase of the practice on the part of the manufacturers of direct sale of

goods without the interposition of so many middlemen as formerly handled the product.

**Sex and age distribution, by leading industries: 1909.**—Table 12, on the opposite page, shows, for the 43 leading industries, the number and per cent distribution, by age and sex, of wage earners as reported for December 15, or the nearest representative day. As a means of judging the true importance of the several industries as employers of labor, the average number employed for the entire year is also given in each case, this number, in the case of seasonal industries, being much smaller than the number on the representative day. The per cent distribution for all industries combined, based on the average number employed as shown in Table 9, is also presented.

In all industries combined 78 per cent of the average number of wage earners were males 16 years of age or over, 19.5 per cent females 16 years of age or over, and 2.5 per cent children under the age of 16.

The industries for which the largest proportions of males 16 years of age or over are shown are those in which the work is of a nature requiring much physical strength or a high degree of skill. Thus in the smelting and refining of both copper and lead males 16 years of age or over constitute 99.9 per cent of the total number of wage earners, and in the blast furnaces they constitute 99.8 per cent. Other industries in which males of 16 years or over represent more than 99 per cent of the wage earners are the gas industry, construction of steam-railroad cars, steel works and rolling mills, marble and stone work, the repair shops of steam railroads, and the manufacture of cottonseed oil.

The proportion of women and children, naturally, is larger in those industries in which the processes require dexterity rather than strength. In six of the industries covered by Table 12—the making of men's and women's clothing, the confectionery industry, and the manufacture of hosiery and knit goods, of patent medicines and compounds and druggists' preparations, and of silk and silk goods—more than half of the wage earners are females 16 years of age or over.

The proportion of wage earners under 16 years is larger in three of the textile industries—the cotton goods, silk and silk goods, and hosiery and knit-goods industries—than in any other of the principal industries of the country. The proportion is also relatively high in the canning and preserving, confectionery, and woolen-goods industries.

Table 12

INDUSTRY.	Average number.	WAGE EARNERS.							
		Number Dec. 15, or nearest representative day.				Per cent of total.			
		Total.	16 years of age and over.		Under 16 years of age.	16 years of age and over.		Under 16 years of age.	
			Male.	Female.		Male.	Female.		
<b>All industries.....</b>	<b>6,815,046</b>	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	<b>78.0</b>	<b>19.5</b>	<b>2.5</b>	
Agricultural implements.....	50,551	55,429	54,520	674	226	98.4	1.2	0.4	
Automobiles, including bodies and parts.....	75,721	97,259	90,060	982	208	98.8	1.0	0.2	
Boots and shoes, including cut stock and findings.....	198,267	211,507	132,411	79,457	8,639	62.6	33.3	4.1	
Brass and bronze products.....	40,618	46,260	42,908	2,774	548	92.3	6.0	2.0	
Bread and other bakery products.....	100,216	104,443	84,956	17,907	2,080	81.3	16.7	1.2	
Butter, cheese, and condensed milk.....	18,431	19,323	17,743	1,468	112	91.8	7.6	0.1	
Canning and preserving.....	39,968	155,847	67,219	77,580	11,035	43.1	49.8	7.6	
Carrriages and wagons and materials.....	69,598	72,788	71,104	1,128	153	97.7	1.8	0.8	
Cars and general shop construction and repairs by steam-railroad companies	282,174	302,080	301,431	455	104	99.3	0.2	0.1	
Cars, steam-railroad, not including operations of railroad companies.....	43,086	58,274	58,046	190	35	99.6	0.3	0.1	
Chemicals.....	23,714	25,341	24,102	1,061	178	95.1	4.2	0.7	
Clothing, men's, including shirts.....	239,686	257,128	109,133	142,781	5,288	42.4	55.5	2.0	
Clothing, women's.....	153,743	162,859	58,316	106,063	1,480	35.8	63.3	0.9	
Confectionery.....	44,638	52,421	18,839	30,453	3,132	35.9	58.1	6.0	
Copper, tin, and sheet-iron products.....	73,615	78,999	66,797	9,716	2,396	84.6	12.3	3.0	
Cotton goods, including cotton small wares.....	378,880	387,698	197,420	150,057	40,221	50.9	38.7	10.4	
Electrical machinery, apparatus, and supplies.....	87,226	102,959	78,663	23,288	917	76.4	22.7	0.9	
Flour-mill and gristmill products.....	39,453	42,495	41,787	565	143	98.3	1.3	0.3	
Furniture and machine-shop products.....	131,011	104,167	87,636	11,898	4,636	97.3	2.0	0.8	
Furniture and refrigerators.....	128,432	138,829	132,176	3,677	2,976	95.2	2.6	2.1	
Gas, illuminating and heating.....	37,215	37,376	37,308	71	17	99.8	0.2	( <sup>1</sup> )	
Hosiery and knit goods.....	129,275	136,713	37,419	88,183	11,111	27.4	64.5	8.1	
Iron and steel, blast furnaces.....	38,429	47,278	47,184	10	84	99.8	( <sup>1</sup> )	0.2	
Iron and steel, steel works and rolling mills.....	240,076	284,264	281,801	1,114	1,349	99.1	0.4	0.5	
Leather goods.....	34,807	36,502	29,868	3,738	896	81.8	15.7	2.5	
Leather, tanned, curried, and finished.....	62,292	66,717	64,005	2,230	482	95.9	3.3	0.7	
Liquors, distilled.....	8,430	7,038	7,038	1,111	117	98.6	1.4	0.4	
Liquors, malt.....	54,579	54,135	52,865	1,040	230	97.7	0.9	1.8	
Lumber and timber products.....	685,019	838,160	826,978	4,027	7,155	98.7	0.5	0.9	
Marble and stone work.....	63,463	67,921	67,575	112	214	99.8	0.2	0.3	
Oil, cottonseed, and cake.....	17,071	29,691	20,351	49	91	99.8	0.2	0.3	
Paint and varnish.....	14,240	14,426	13,207	1,137	82	91.5	7.9	0.6	
Paper and wood pulp.....	78,978	78,672	68,497	9,909	266	87.1	12.6	0.3	
Patent medicines and compounds and druggists' preparations.....	22,898	24,633	11,593	12,572	508	46.6	51.3	2.1	
Petroleum, refining.....	13,929	17,921	16,657	1,112	214	98.4	0.2	0.3	
Printing and publishing.....	258,434	272,027	204,588	69,573	6,666	75.1	22.4	2.4	
Silk and silk goods, including throwsters.....	99,037	102,369	35,785	58,441	8,143	35.0	57.1	8.0	
Slaughtering and meat packing.....	89,728	94,854	88,352	5,960	542	93.1	6.3	0.6	
Smelting and refining, copper.....	15,628	16,029	16,013	.....	16	99.9	.....	0.1	
Smelting and refining, lead.....	7,424	8,002	8,001	1	.....	99.9	( <sup>1</sup> )	.....	
Sugar and molasses, not including beet sugar.....	15,326	25,154	24,626	376	132	98.0	1.5	0.5	
Tobacco manufactures.....	166,810	181,936	90,417	84,133	6,426	49.9	46.5	3.6	
Woolen, worsted, and felt goods, and wool hats.....	168,722	175,171	92,820	72,409	9,942	53.0	41.3	5.7	

<sup>1</sup> No totals given for reasons explained on page 452.<sup>1</sup> Less than one-tenth of 1 per cent.

In addition to the industries shown in the above table, which were selected according to their importance with respect to gross value of products, certain others are of interest because of the relatively large number of women and children employed. Table 13, on the following page, shows the sex and age distribution of wage earners in all industries not covered by the preceding table in which there were at least 5,000 women, or in which the women constituted over 40 per cent of the wage earners and numbered not less than 500.

The table shows that there are a large number of industries, some of considerable importance, in which women 16 years of age or over represent more than 40 per cent of the total number of wage earners. In the manufacture of corsets, of artificial flowers, feathers, and plumes, and of steel pens, more than 80 per cent

of the wage earners are women. Other industries in which female wage earners 16 years of age or over constitute over three-fourths of the total number employed are the manufacture of men's furnishing goods and of millinery and lace goods, and the grading, roasting, cleaning, and shelling of peanuts. Large numbers of women are also employed in several industries listed in this table in which, however, the proportion which these represent of the total number of wage earners is less than 40 per cent.

Of the industries shown in Table 13, those in which the proportion of children under 16 years of age exceeds 5 per cent are the manufacture of bags, other than paper; cigar boxes; fancy and paper boxes; horse clothing; cordage and twine; needles, pins, and hooks and eyes; lead pencils; stationery goods, not elsewhere specified; and the cork-cutting industry.

Table 13

INDUSTRY.	WAGE EARNERS.							
	Average number.	Number Dec. 15, or nearest representative day.				Per cent of total.		
		Total	16 years of age and over.		Under 16 years of age.	16 years and over.		Under 16 years of age.
			Male	Female.		Male.	Female.	
Artificial flowers and feathers and plumes.....	10,016	10,769	1,416	9,017	336	13.1	83.7	3.1
A swings, tents, and sails.....	4,242	4,043	2,264	1,715	64	56.0	42.4	1.6
Bags, other than paper.....	7,968	8,437	2,870	4,794	773	36.0	36.8	9.2
Bag, paper.....	3,212	3,299	1,680	1,541	58	50.9	47.3	1.8
Baking powders and yeast.....	2,155	2,050	1,199	1,050	54	52.7	44.9	2.4
Boots and shoes, rubber.....	17,612	18,528	10,995	7,000	473	59.3	38.1	2.6
Boxes, cigar.....	6,115	6,554	2,914	3,260	380	44.5	49.7	5.8
Boxes, fancy and paper.....	38,514	43,219	14,198	25,961	3,080	32.8	30.0	7.1
Buttons.....	16,427	17,879	10,731	6,530	622	69.0	36.3	3.1
Carpets and rugs, other than rag.....	33,307	34,874	10,601	13,839	1,414	56.2	39.7	4.1
Clocks and watches, including cases and materials.....	23,857	25,574	15,775	9,202	537	61.7	36.2	2.1
Clothing, horse.....	1,648	1,789	850	1,047	162	32.4	58.5	9.1
Cordage and twine and jute and linen goods.....	25,839	26,941	13,019	12,083	1,838	48.3	44.8	6.8
Cork, cutting.....	3,142	3,239	1,756	1,310	173	54.2	40.4	5.3
Corsets.....	17,564	18,152	2,291	15,234	627	12.6	83.9	3.5
Dyeing and finishing textiles.....	44,046	45,841	36,486	8,299	1,086	79.6	18.0	2.4
Fewerks.....	1,403	1,380	756	564	60	54.8	49.9	4.3
Flags, banners, regalia, society badges, and emblems.....	3,572	3,553	1,267	2,182	93	35.7	61.7	2.6
Flavoring extracts.....	1,229	1,270	722	522	26	56.8	41.1	2.0
Food preparations.....	14,968	17,786	12,070	5,449	267	67.9	30.6	1.5
Fur goods.....	11,927	14,450	8,539	5,833	58	59.1	40.5	0.4
Furnishing goods, men's.....	38,482	41,970	9,153	31,926	891	21.8	75.1	2.1
Gloves and mittens, leather.....	11,354	12,188	9,202	6,697	289	42.7	54.9	2.4
Gold and silver, leaf and foil.....	1,383	1,417	612	756	49	43.2	53.4	3.5
Hair work.....	3,534	3,885	1,338	2,464	83	34.4	63.4	2.1
Hats, fur-felt.....	25,064	30,292	21,182	8,408	642	69.0	28.0	2.1
Hats, straw.....	8,814	10,328	3,512	6,641	175	34.0	64.3	1.7
Hats, fur-felt, goods, not elsewhere specified.....	4,907	5,407	3,571	1,859	88	50.5	47.8	1.6
Jewelry.....	30,347	33,914	23,336	9,645	933	68.8	28.4	2.8
Jewelry and instrument cases.....	2,070	2,343	1,045	1,239	59	44.6	52.9	2.5
Millinery and lace goods.....	39,201	40,522	8,661	31,299	1,171	19.9	77.2	2.9
Needles, pins, and hooks and eyes.....	4,838	4,935	2,262	2,313	380	45.6	46.7	7.7
Paper goods, not elsewhere specified.....	19,211	20,500	10,141	9,707	652	49.5	47.4	3.2
Peanuts, grading, roasting, cleaning, and shelling.....	1,949	2,346	473	1,833	40	20.2	78.1	1.7
Pencils, lead.....	4,154	4,412	1,843	2,244	325	41.8	50.9	7.4
Pens, steel.....	699	729	113	591	25	15.5	81.1	3.4
Pottery, terra-cotta, and fire-clay products.....	56,158	60,842	33,159	6,789	884	87.4	11.2	1.5
Stationery goods, not elsewhere specified.....	6,206	6,417	3,405	2,635	377	53.1	41.1	5.9
Surgical appliances and artificial limbs.....	4,241	4,440	2,193	2,113	134	49.4	47.6	3.0
Umbrellas and canes.....	6,472	5,857	2,586	3,017	234	44.3	51.7	4.0

Sex and age distribution, by states: 1909.—Table 14 shows, for each geographic division and each state, the distribution of wage earners by sex and age and the per cent that each class represents of the total average number of wage earners. The numbers of each sex and each age period are obtained by applying to the average number employed in each industry in each state the percentages of each age and sex in the number of wage earners reported for December 15, or the nearest representative day, and then totaling the result, as more fully explained on page 452.

The relative number of males 16 years of age or over, females 16 years of age or over, and children under 16 employed in each state depends primarily upon the character of the industries in that state, but the number of persons under 16 employed is also affected by the legislation of the several states with regard to child labor. The largest proportions of female wage earners 16 years of age or over are found in the New England and Middle Atlantic divisions,

owing chiefly to the importance of the textile and clothing industries in these divisions. Next to these two divisions in this respect ranks the South Atlantic division, and in this division appears the largest proportion of wage earners under 16 years of age, 6.3 per cent. This large proportion is due chiefly to the predominance of the textile industries in the South Atlantic states. The proportions of females 16 years of age or over and of children under 16 are lowest in the West South Central, Mountain, and Pacific divisions, where the textile and clothing industries are relatively unimportant.

Among the individual states the largest proportion of female wage earners 16 years of age or over, 32.3 per cent, is found in Rhode Island, and the next largest proportion in New Hampshire, followed closely by Massachusetts and New York. The proportion of children employed is largest in South Carolina, 12.9 per cent, and next largest in North Carolina. Among the Northern states Rhode Island shows the largest percentage of children.

**Table 11** AVERAGE NUMBER OF WAGE EARNERS.

DIVISION AND STATE.	Total.	16 years of age and over.		Under 16 years of age.		16 years of age and over.		Under 16 years of age.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
<b>United States.....</b>	<b>5,615,046</b>	<b>5,163,164</b>	<b>1,290,389</b>	<b>161,493</b>	<b>78.1</b>	<b>19.5</b>	<b>2.4</b>		
<b>GEOGRAPHIC DIVISIONS:</b>									
New England.....	1,101,290	750,620	307,076	33,575	69.1	27.9	3.0		
Middle Atlantic.....	2,307,747	1,618,967	544,310	44,464	73.3	24.7	2.0		
East North Central.....	1,313,764	1,217,013	220,194	22,557	84.0	14.5	1.3		
West North Central.....	374,557	311,140	37,471	5,726	83.1	15.4	1.3		
South Atlantic.....	663,015	517,456	103,703	14,576	78.0	15.6	6.3		
East South Central.....	261,772	228,758	24,969	7,989	87.4	9.5	3.1		
West South Central.....	204,320	191,353	9,724	5,443	93.6	47.7	4.7		
Mountain.....	75,435	71,142	3,854	859	94.3	31.1	0.6		
Pacific.....	213,166	192,666	19,076	1,424	90.4	8.9	0.7		
<b>NEW ENGLAND:</b>									
Maine.....	79,955	60,612	17,856	1,387	75.8	22.5	1.7		
New Hampshire.....	78,668	55,074	16,567	1,186	68.1	15.4	1.2		
Vermont.....	33,788	28,946	4,631	211	83.7	13.7	0.6		
Massachusetts.....	384,529	350,544	173,260	20,735	66.8	29.6	3.3		
Rhode Island.....	115,336	105,292	6,074	4,623	93.6	62.3	4.1		
Connecticut.....	210,792	154,724	56,047	5,421	73.4	24.0	2.0		
<b>MIDDLE ATLANTIC:</b>									
New York.....	1,003,981	702,637	263,523	7,819	70.0	29.2	0.8		
New Jersey.....	326,228	298,499	82,186	7,338	72.5	26.2	2.3		
Pennsylvania.....	877,543	676,831	168,663	29,107	77.0	19.2	3.3		
<b>EAST NORTH CENTRAL:</b>									
Ohio.....	446,934	372,694	68,996	5,244	83.4	15.4	1.2		
Indiana.....	186,984	161,117	22,253	3,612	86.2	11.9	1.9		
Illinois.....	465,764	382,691	76,136	6,917	82.2	16.3	1.3		
Michigan.....	261,436	197,177	31,264	2,917	85.4	13.5	1.4		
Wisconsin.....	182,583	156,734	21,582	4,267	85.8	11.8	2.3		
<b>WEST NORTH CENTRAL:</b>									
Minnesota.....	84,767	73,038	11,423	306	86.2	13.5	0.4		
Iowa.....	61,633	51,149	9,460	1,048	87.1	15.3	1.1		
Missouri.....	152,960	119,980	29,193	3,318	78.4	19.1	2.5		
North Dakota.....	2,789	2,489	243	57	89.2	8.7	2.0		
Rhode Island.....	1,326	9,099	457	46	86.6	32.7	7.1		
Nebraska.....	24,336	20,763	3,356	217	83.3	13.8	0.9		
Kansas.....	44,215	40,643	3,337	235	91.9	7.8	0.5		
<b>SOUTH ATLANTIC:</b>									
Delaware.....	21,238	17,205	3,504	559	81.0	16.5	2.5		
Maryland.....	107,923	72,416	28,957	3,546	67.1	20.8	8.1		
District of Columbia.....	7,707	6,861	827	19	89.0	10.7	0.2		
Virginia.....	105,670	88,191	13,963	3,622	83.5	13.1	3.4		
West Virginia.....	63,883	58,335	4,969	1,048	91.2	7.1	1.1		
North Carolina.....	121,473	86,082	21,693	13,698	70.9	17.9	11.3		
South Carolina.....	75,048	58,848	12,793	9,405	69.6	17.5	12.9		
Georgia.....	104,288	83,968	14,549	6,041	80.3	13.9	5.8		
Florida.....	57,473	53,520	3,012	941	93.1	5.2	1.6		
<b>EAST SOUTH CENTRAL:</b>									
Kentucky.....	65,400	55,072	9,495	533	84.2	14.5	1.3		
Tennessee.....	73,849	63,616	8,379	3,445	85.3	11.3	3.3		
Alabama.....	72,148	63,415	5,085	3,653	87.0	7.0	5.1		
Mississippi.....	50,334	47,287	2,639	1,038	93.9	4.0	2.1		
<b>WEST SOUTH CENTRAL:</b>									
Arkansas.....	44,982	43,763	674	525	97.3	1.5	1.2		
Louisiana.....	75,153	70,153	4,673	1,539	92.1	5.9	2.0		
Oklahoma.....	13,143	12,345	675	123	93.9	3.1	0.9		
Texas.....	70,239	65,092	3,882	1,236	92.7	5.5	1.8		
<b>MOUNTAIN:</b>									
Montana.....	11,655	11,430	189	30	98.1	1.6	0.3		
Idaho.....	5,220	5,035	155	60	96.1	1.9	0.4		
Wyoming.....	2,867	2,810	45	12	98.0	1.6	0.4		
Colorado.....	28,067	25,908	2,094	165	92.0	7.5	0.6		
New Mexico.....	4,143	3,963	82	66	94.4	2.0	0.6		
Arizona.....	6,441	6,360	38	37	98.8	0.6	0.6		
Utah.....	11,785	10,470	1,265	110	88.8	10.2	0.9		
Nevada.....	2,207	2,222	30	9	98.4	1.2	0.4		
<b>PACIFIC:</b>									
Washington.....	69,120	66,042	2,812	256	95.5	4.1	0.4		
Oregon.....	28,750	26,406	2,946	91	91.8	7.8	0.3		
California.....	115,296	100,218	14,018	1,060	86.9	12.2	0.9		

Comparison with previous censuses as to sex and age.—The following table shows, for all industries combined, the distribution of the average number of wage earners according to age periods, and in the case of those 16 years of age or over according to sex, for 1909, 1904, and 1899. As already explained (p. 452), the distribution for 1909 is estimated on the basis of the actual proportions reported for a single represent-

ative day, while the figures for the other two censuses represent averages computed from the number of each class reported for each month of the year.

**Table 15** AVERAGE NUMBER OF WAGE EARNERS.

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1904		1899	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
<b>Total.....</b>	<b>6,615,046</b>	<b>100.0</b>	<b>5,465,363</b>	<b>100.0</b>	<b>4,712,763</b>	<b>100.0</b>
16 years of age and over.....	4,453,553	67.3	3,908,858	71.4	4,351,487	92.6
Male.....	5,163,164	78.1	4,242,643	77.6	3,632,977	77.1
Female.....	1,290,389	19.5	1,065,855	19.5	918,510	19.5
Under 16 years of age.....	161,493	2.4	159,882	2.9	161,276	3.4

From an examination of this table it will be seen that, while the numbers of men and women workers increased at each census, the number of children under 16 years of age has been comparatively stationary. For all industries combined there was a slight net increase during the 10 years in the number of children employed, although from 1899 to 1904 the number decreased. The percentage which children represent of the total number of wage earners, however, decreased from census to census. The proportion of adult female wage earners has been the same at each census, while the proportion of adult males has increased slightly.

Comparison of sex and age distribution in selected industries: 1909, 1904, and 1899.—Table 16 shows, in percentages, the distribution of wage earners according to sex and age periods, in 1909, 1904, and 1899, for all industries of any importance in which the proportion of women and children is relatively high or in which the absolute number of women and children is large. The percentages for the three years are comparable though not precisely parallel, for the reason that those for 1909 relate to the number employed on December 15, or the nearest representative day, which in the case of many establishments in some industries was in another month than December, while those for 1904 and 1899 (in which years reports were made for each month of the average number of wage earners by sex and age) are based upon the average number in each group for the month of December. Nevertheless, the figures should be very closely comparable for nearly all industries.

In about three-fifths of the 61 industries shown in this table the number of females 16 years of age or over and of children under the age of 16, taken together, formed a smaller proportion of the wage earners reported for December in 1909 than in 1899, or, in other words, the proportion of males 16 years of age or over increased during the decade. In the cotton-goods industry, in which the number of women and children is greater than in any other industry, each of these classes represented a smaller

percentage of the total number of wage earners in 1909 than in 1899. Similar changes have occurred in the men's clothing and the hosiery and knit-goods industries, both of which are important as employers of women and children. In the silk and woolen industries the proportion of women has increased slightly, but the proportion of children under 16 has decreased. For the tobacco-products industry, in which the proportion of

children has likewise decreased, a marked increase is shown in the proportion of women employed.

Among the 61 industries listed in the table there were 22 in which the percentage of children was higher in 1909 than in 1899, but most of these are relatively unimportant industries. The most conspicuous increase in the proportion of children employed is in the manufacture of bags, other than paper.

Table 16

INDUSTRY.	PER CENT OF ALL WAGE EARNERS EMPLOYED. <sup>1</sup>								
	16 years of age and over.						Under 16 years of age.		
	Male.			Female.					
	1909	1904	1899	1909	1904	1899	1909	1904	1899
Artificial flowers and feathers and plumes.....	13.1	14.1	12.9	83.7	80.7	79.1	3.1	5.2	8.0
Awnings, tents, and sails.....	36.0	59.5	65.1	42.4	39.4	44.0	1.6	1.2	0.9
Bags, other than paper.....	34.0	34.0	31.3	42.4	60.2	65.3	9.2	5.9	3.4
Bags, paper.....	50.9	52.3	47.3	45.2	45.4	45.4	2.7	4.8	6.2
Baking powders and yeast.....	52.7	47.0	49.9	44.9	51.3	48.4	2.4	1.7	1.7
Boots and shoes, including cut stock and findings.....	62.6	63.4	63.6	33.3	32.2	33.4	4.1	3.4	3.1
Boots and shoes, rubber.....	59.3	57.1	60.3	38.1	39.8	38.2	2.6	3.1	1.5
Boxes, cigar.....	44.5	44.5	46.4	49.7	50.0	49.4	5.8	5.5	4.2
Boxes, fancy and paper.....	23.8	29.0	29.0	69.0	64.5	63.9	7.1	6.2	5.2
Bread and other bakery products.....	81.3	79.6	79.2	16.7	18.1	17.7	2.0	2.3	3.1
Buttons.....	60.0	50.8	47.4	36.5	45.9	47.2	3.5	3.3	5.4
Canning and preserving.....	43.1	48.2	55.6	49.8	45.7	40.0	7.1	6.1	4.4
Carpets and rugs, other than rag.....	56.2	51.0	48.4	49.7	43.3	44.1	4.1	5.7	7.5
Cases and watches, including cases and materials.....	64.7	61.8	63.8	30.2	36.9	34.4	2.1	1.4	1.8
Clothing, horse.....	32.4	36.8	23.2	58.5	56.6	65.5	9.1	6.6	9.2
Clothing, men's, including shirts.....	42.4	37.6	33.9	55.5	60.0	63.4	2.0	2.4	2.6
Clothing, women's.....	35.8	34.9	29.6	63.3	64.4	69.4	0.9	0.8	0.9
Coffee and spice, roasting and grinding.....	59.4	60.3	51.9	38.1	38.3	46.1	1.4	1.4	2.6
Confectionery.....	35.9	44.7	46.7	58.1	59.3	49.8	6.8	5.4	4.8
Copper, tin, and sheet-iron products.....	84.6	85.0	86.7	12.3	12.4	9.2	3.0	2.6	4.1
Cordage and twine and jute and flax goods.....	48.3	57.6	55.2	44.8	35.6	35.8	6.8	6.7	8.1
Cork, cutting.....	54.2	45.1	45.8	40.4	46.7	48.2	5.3	8.3	8.0
Corsets.....	12.6	10.9	9.9	69.3	86.3	87.4	2.8	2.8	2.7
Cotton goods, including cotton small wares.....	50.9	46.6	44.8	38.7	40.5	41.9	10.4	12.9	13.3
Dyeing and finishing textiles.....	79.6	80.2	81.9	18.0	15.9	14.4	2.4	3.9	3.7
Electrical machinery, apparatus, and supplies.....	76.4	80.6	82.8	22.7	18.3	15.8	0.9	1.0	1.5
Fireworks.....	54.8	55.7	54.7	40.9	39.0	36.9	4.3	5.3	8.6
Flags, banners, regalia, society badges, and emblems.....	52.8	51.7	52.2	61.7	65.7	68.9	2.4	1.6	2.4
Flavoring extracts.....	56.8	51.7	51.2	41.1	46.5	46.5	2.0	1.8	2.3
Food preparations.....	67.9	59.0	65.6	30.6	39.2	31.7	1.5	1.8	2.7
Foundry and machine-shop products.....	97.3	97.3	97.7	2.0	1.9	1.4	0.8	0.8	0.9
Fur goods.....	59.1	57.3	45.3	40.5	42.3	53.9	0.4	0.4	0.7
Hats, fur-felt.....	21.8	14.1	14.7	78.1	84.3	83.3	2.1	1.6	2.0
Hats, straw.....	27.4	24.2	25.0	64.5	66.2	64.5	8.1	9.6	10.5
Hosiery and knit goods.....	42.7	39.6	30.9	54.9	58.3	67.1	2.4	2.1	2.0
Gold and silver, leaf and foil.....	43.2	45.5	51.0	53.4	51.8	46.8	3.5	2.8	2.2
Hair work.....	34.4	17.8	13.9	63.4	80.5	85.8	2.1	1.7	0.4
Hats, fur-felt.....	69.9	70.3	70.2	28.6	27.6	28.4	2.1	2.1	1.4
Hats, straw.....	24.0	33.4	34.4	64.3	65.6	67.4	1.7	0.9	1.4
Hosiery and knit goods.....	27.4	24.2	25.0	64.5	66.2	64.5	8.1	9.6	10.5
House-furnishing goods, not elsewhere specified.....	50.5	56.0	57.3	47.8	41.5	40.5	1.6	2.0	2.8
Jewelry.....	68.8	71.9	67.2	28.4	26.1	31.0	2.8	2.5	1.5
Jewelry and instrument cases.....	44.6	47.7	48.5	52.9	51.0	47.5	2.5	4.0	4.9
Leather goods.....	81.8	79.7	84.4	15.7	17.3	12.3	2.5	3.0	3.3
Mattress and spring beds.....	79.9	79.7	77.0	18.4	18.8	20.4	1.7	1.5	2.6
Millinery and lace goods.....	19.9	13.4	15.9	77.2	88.1	81.9	2.9	1.5	1.2
Needles, pins, and hooks and eyes.....	45.6	47.5	50.9	46.7	46.5	44.0	7.7	6.0	5.1
Paper and wood pulp.....	92.1	85.9	83.2	13.5	15.7	16.5	0.8	0.4	0.4
Paper goods, not elsewhere specified.....	49.5	41.5	46.0	47.4	53.3	51.6	3.2	3.2	2.4
Patent medicines and compounds and druggists' preparations.....	46.6	42.2	44.5	81.3	55.4	53.9	2.1	2.4	1.5
Peanuts, grading, roasting, cleaning, and shelling.....	20.2	19.7	.....	78.1	75.4	.....	1.7	4.9	.....
Pencils, lead.....	41.8	42.1	35.8	50.9	54.0	51.9	7.4	3.8	12.5
Pens, steel.....	15.6	9.3	13.6	81.1	85.7	78.8	7.0	7.0	7.6
Pottery, terra-cotta, and fire-clay products.....	87.4	85.8	87.2	11.2	11.8	10.5	1.5	2.4	2.3
Printing and publishing.....	75.1	74.5	74.8	22.4	22.9	20.6	2.4	2.6	4.7
Silk and silk goods, including throwsters.....	33.0	34.1	32.6	57.1	56.7	53.4	8.0	9.2	10.0
Slaughtering and meat packing.....	93.1	92.0	93.1	.....	6.7	4.5	0.6	1.2	2.4
Stationary goods, not elsewhere specified.....	52.1	49.6	49.6	41.1	46.5	50.7	5.9	3.9	0.4
Surgical appliances and artificial limbs.....	49.4	48.4	54.3	47.6	49.8	40.3	3.0	1.8	5.4
Tobacco manufactures.....	49.9	54.1	57.8	46.3	41.3	37.6	3.6	4.6	4.7
Umbrellas and canes.....	44.3	39.3	39.9	51.7	56.0	56.0	4.0	4.7	4.1
Woolen, worsted, and felt goods, and wool hats.....	53.0	52.8	53.0	41.3	39.9	38.7	5.7	7.0	7.2

<sup>1</sup> For 1904 and 1899 the percentages are based on the average numbers reported for the month of December; for 1909, on the number employed on Dec. 15, or the nearest representative day.

Comparison of sex and age distribution, by states: 1909, 1904, and 1899.—Table 17 shows, for each geographic division and state, for 1909, 1904, and

1899, respectively, the percentage of the average number of wage earners employed during the year represented by males 16 years of age or over, while 16

years of age or over, and children under 16 years of age. For 1909 the percentages have been computed from the returns for a representative day in the manner described on page 452; for the other two years the bases of calculation are average numbers computed for the year from the returns made for each month.

**Table 17** PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.

DIVISION AND STATE.	16 years of age and over.								
	Male.			Female.			Under 16 years of age.		
	1909	1904	1899	1909	1904	1899	1909	1904	1899
<b>United States.....</b>	<b>78.1</b>	<b>77.0</b>	<b>77.1</b>	<b>19.5</b>	<b>19.5</b>	<b>19.5</b>	<b>2.4</b>	<b>2.9</b>	<b>3.4</b>
<b>GEOGRAPHIC DIVISIONS:</b>									
New England.....	69.1	69.1	68.4	27.9	28.0	28.7	3.0	2.9	2.9
Middle Atlantic.....	71.7	73.8	73.5	24.7	23.5	24.6	2.7	2.7	2.3
East North Central.....	84.0	83.8	84.4	14.5	14.5	13.2	1.5	1.7	2.4
West North Central.....	83.1	83.6	83.4	15.4	14.2	13.6	1.5	2.3	3.0
South Atlantic.....	78.7	78.5	78.2	13.8	13.8	14.1	0.6	0.7	0.9
East South Central.....	87.4	87.5	86.2	9.5	9.7	9.0	3.1	4.3	4.8
West South Central.....	93.6	92.6	91.3	4.7	5.5	6.4	1.7	1.9	2.4
Mountain.....	84.3	83.6	84.4	5.1	5.2	4.2	0.6	1.1	1.3
Pacific.....	90.4	88.6	85.5	8.9	10.3	12.6	0.7	1.2	1.9
<b>NEW ENGLAND:</b>									
Maine.....	75.8	75.6	72.1	22.5	22.4	24.8	1.7	2.0	3.1
New Hampshire.....	68.1	68.1	67.1	30.4	30.5	30.4	1.5	1.5	2.4
Vermont.....	85.7	85.5	85.0	17.7	18.8	18.4	0.6	0.7	0.9
Massachusetts.....	66.8	66.9	66.6	29.6	30.1	30.6	3.6	3.0	2.8
Rhode Island.....	63.6	63.0	62.7	32.3	31.6	31.6	4.1	5.4	5.7
Connecticut.....	73.4	73.3	72.3	24.0	24.7	26.2	2.6	2.4	2.1
<b>MIDDLE ATLANTIC:</b>									
New York.....	70.0	70.4	69.3	25.2	28.6	29.0	0.6	0.9	1.7
New Jersey.....	72.5	73.4	73.3	25.2	23.6	23.1	2.3	3.0	3.7
Pennsylvania.....	77.5	77.9	77.7	19.2	17.6	17.4	3.3	4.5	4.9
<b>EAST NORTH CENTRAL:</b>									
Ohio.....	83.4	83.4	84.0	15.4	15.2	14.7	1.2	1.4	1.3
Indiana.....	86.2	85.3	86.0	11.9	12.5	11.4	1.9	2.2	2.5
Illinois.....	82.2	82.8	82.6	16.3	15.9	14.4	1.5	1.5	3.0
Michigan.....	85.4	84.9	85.2	13.5	13.8	14.1	2.2	2.1	1.9
Wisconsin.....	83.8	83.4	86.0	11.8	11.9	9.9	2.3	2.7	4.0
<b>WEST NORTH CENTRAL:</b>									
Minnesota.....	86.2	87.4	88.5	13.5	12.1	10.4	0.4	0.5	1.1
Iowa.....	83.0	83.0	83.1	15.3	14.8	12.9	1.7	2.2	4.0
Missouri.....	87.4	87.3	87.8	16.1	17.1	18.5	0.6	0.7	3.5
North Dakota.....	89.2	86.7	90.7	8.7	11.3	6.8	2.0	2.0	2.5
South Dakota.....	86.0	87.4	89.4	12.7	12.7	3.6	1.3	1.3	4.9
Wyoming.....	83.3	85.5	86.9	13.8	12.5	9.2	2.2	2.4	3.9
Kansas.....	91.9	90.4	89.9	7.5	7.6	7.2	0.5	2.0	2.9
<b>SOUTH ATLANTIC:</b>									
Delaware.....	81.0	80.5	79.8	16.5	16.0	16.1	2.5	3.5	4.1
Maryland.....	67.1	67.4	65.5	26.8	26.7	28.6	6.1	5.9	6.0
District of Columbia.....	80.0	80.1	87.1	10.7	9.7	11.7	0.2	1.2	1.2
Virginia.....	83.5	81.0	79.3	33.1	34.9	34.9	3.4	4.0	5.5
West Virginia.....	91.3	90.0	89.0	7.1	7.4	8.5	1.6	2.6	2.4
North Carolina.....	73.9	64.9	63.9	17.8	21.4	20.9	11.3	13.6	14.1
South Carolina.....	69.6	63.3	61.9	17.5	20.2	20.1	12.9	16.4	18.0
Georgia.....	80.3	78.5	80.4	13.9	13.9	12.1	5.8	7.9	7.5
Florida.....	83.1	84.2	84.8	5.2	5.0	4.3	1.6	0.8	0.9
<b>EAST SOUTH CENTRAL:</b>									
Kentucky.....	84.2	82.8	84.1	14.5	13.9	11.8	1.3	3.3	4.2
Tennessee.....	85.3	85.4	85.1	11.3	10.9	10.6	3.3	3.6	4.3
Alabama.....	85.8	85.2	85.6	7.7	7.7	6.2	4.2	4.6	6.0
Mississippi.....	93.9	91.4	90.8	4.0	5.3	4.4	2.1	3.3	3.8
<b>WEST SOUTH CENTRAL:</b>									
Arkansas.....	97.3	96.9	96.7	1.5	1.5	1.3	1.2	1.6	2.0
Louisiana.....	92.1	89.4	85.0	5.9	8.2	12.3	2.0	2.4	2.7
Oklahoma.....	93.9	92.0	94.7	5.1	6.0	3.2	0.9	2.0	2.1
Texas.....	92.7	93.3	93.2	5.5	5.1	4.4	1.8	1.7	2.4
<b>MOUNTAIN:</b>									
Montana.....	98.1	97.7	98.1	1.6	1.6	0.9	0.3	0.7	1.1
Idaho.....	97.7	95.8	96.5	1.9	2.9	2.1	0.3	1.3	1.4
Wyoming.....	98.1	97.1	97.1	1.1	1.1	0.7	0.5	0.7	0.6
Colorado.....	92.0	92.4	93.4	7.5	6.2	5.5	0.6	1.4	1.0
New Mexico.....	96.4	97.4	98.6	2.0	1.5	2.4	1.6	1.1	1.0
Arizona.....	98.8	98.9	98.0	0.6	0.7	0.5	0.6	0.4	1.1
Utah.....	88.8	84.9	86.1	10.2	12.6	10.7	0.9	2.4	3.2
Nevada.....	98.4	98.5	95.4	1.2	1.0	1.2	0.4	0.5	3.4
<b>PACIFIC:</b>									
Washington.....	85.3	96.9	97.2	4.1	2.9	2.0	0.4	0.2	0.8
Oregon.....	91.8	90.9	90.4	7.8	8.0	7.7	0.3	1.1	1.9
California.....	86.9	84.4	79.7	12.2	14.0	17.9	0.9	1.6	2.4

In every geographic division except New England, children under 16 years of age constituted a smaller proportion of the average number of wage earners in 1909 than in 1899, while the proportion in New Eng-

land rose slightly, wholly on account of increased proportions in Massachusetts and Connecticut. The proportion of children decreased during the decade in all but five of the states, the exceptions being Massachusetts, Connecticut, Maryland (where there was very little change), Florida, and New Mexico. In the Middle Atlantic, East North Central, West North Central, East South Central, and Mountain divisions women 16 years of age or over represented a larger proportion of the total in 1909 than in 1899, but in the other divisions they constituted a somewhat smaller proportion. Most of the individual states show comparatively little change in the proportion of women, the most conspicuous increases being in certain states where the manufacturing industries are still comparatively undeveloped, such as South Dakota and Nebraska. Marked decreases in the proportion of women took place in Louisiana and California.

**Wage earners employed, by months.**—The following table gives the number of wage earners employed on the 15th of each month during the year 1909 for all industries combined. For purposes of comparison figures for 1904 are also given, but these are on a slightly different basis, since at that census each establishment was asked to report the average number employed for each month rather than the number employed on a specified day of each month.

**Table 18** WAGE EARNERS IN ALL MANUFACTURING INDUSTRIES.<sup>1</sup>

MONTH.	Number.				Per cent of maximum.	
	1909		1904		1909	1904
	1909	1904	1909	1904		
January.....	6,210,663	5,262,472	88.6	92.7		
February.....	6,297,027	5,330,471	89.9	93.8		
March.....	6,423,517	5,450,736	91.7	96.0		
April.....	6,437,633	5,493,343	91.9	96.8		
May.....	6,467,379	5,512,373	92.2	97.1		
June.....	6,517,469	5,463,804	93.0	96.2		
July.....	6,486,676	5,323,966	92.6	95.3		
August.....	6,656,933	5,420,618	95.0	95.5		
September.....	6,898,765	5,608,412	98.5	98.8		
October.....	6,997,099	5,676,720	96.9	100.0		
November.....	7,006,853	5,877,628	100.0	99.4		
December.....	6,990,652	5,490,453	99.8	96.7		

<sup>1</sup>The numbers for 1909 represent the number employed on the 15th of each month, or the nearest representative day; those for 1904, the average number employed during each month.

In 1909 the largest number of wage earners, 7,006,853, was employed in November, and the smallest number, 6,210,663, in January, this number being equal to 88.6 per cent of the maximum. In 1904 the largest number was employed in October and the smallest number in January, the minimum representing 92.7 per cent of the maximum. In 1909 a fairly constant increase in employment was shown from January to November, except that the number employed in July was a little lower than in June.

The figures for employment by months for all industries combined fail to show fully the variations in employment, since a variation in one direction in one industry may be offset by a variation in the opposite direction in another industry. Except for distinctly

seasonal industries, however, the employment in most of the important industries of the country appears to have been comparatively steady throughout the year 1909. The following table shows the amount of variation in certain industries. It gives (1) the 14 industries which reported the largest average number of wage earners, including all reporting 100,000 or more, and (2) the 12 industries which show the greatest variations in employment, including all (except one or two employing less than 1,000 wage earners each) in which the number for the month of least activity is less than one-half that for the month of greatest activity.

Table 19

INDUSTRY.	WAGE EARNERS.					
	Average number.	Maximum number.		Minimum number.		Per cent of maximum.
		Month.	Number.	Month.	Number.	
<i>Principal industries.</i>						
Lumber and timber products.....	695,019	Nov...	739,160	Jan...	649,239	87.8
Foundry and machine-shop products.....	531,011	Dec...	597,234	Jan...	482,060	80.7
Cotton goods, including cotton small wares.....	378,880	Dec...	383,529	Jan...	374,433	97.6
Cars and general shop construction and repairs by steam-railroad companies.....	282,174	Dec...	301,538	May...	268,700	89.1
Printing and publishing.....	238,434	Dec...	269,804	July...	251,757	93.3
Iron and steel, steel works and rolling mills.....	240,076	Dec...	283,629	Mar...	215,076	75.8
Clothing, men's, including shirts.....	239,696	Dec...	251,349	Jan...	230,650	91.8
Boots and shoes, including cut stock and binders.....	198,297	Dec...	207,452	May...	190,382	91.8
Woolen, worsted, and felt goods, and wool hats.....	168,722	Nov...	173,943	Jan...	158,318	91.0
Tobacco manufactures.....	166,810	Dec...	176,369	Jan...	161,843	91.6
Clothing, women's.....	153,743	Oct...	167,525	July...	135,654	80.6
Hosiery and knit goods.....	129,275	Nov...	154,540	Jan...	123,308	81.7
Furniture and refrigerators.....	128,452	Nov...	136,615	Jan...	120,524	88.2
Bread and other bakery products.....	100,216	Oct...	192,770	Jan...	96,659	94.0
<i>Industries showing large variation.</i>						
Brick and tile.....	76,528	July...	194,900	Jan...	38,312	36.5
Canning and preserving.....	69,968	Sept...	154,800	Jan...	19,998	12.9
Fertilizers.....	18,310	Mar...	29,310	July...	14,264	48.7
Oil, cottonseed, and cake.....	17,671	Nov...	29,534	July...	5,174	17.6
Ice, manufactured.....	16,114	July...	22,872	Jan...	9,847	43.1
Artificial stone.....	9,937	Aug...	12,884	Jan...	4,856	37.7
Hats, straw.....	8,814	Mar...	11,488	July...	4,700	40.9
Beet sugar.....	7,204	Nov...	16,807	Feb...	2,206	13.1
Sugar and molasses.....	4,127	Nov...	15,761	Feb...	559	3.5
Vinegar and cider.....	1,542	Oct...	3,464	Mar...	886	25.6
Grainstones.....	1,294	May...	1,963	Jan...	795	47.7
Rice, cleaning and polishing.....	1,239	Oct...	2,017	July...	436	21.6

Considering first the principal industries, it will be seen that the greatest regularity of employment was in the manufacture of cotton goods, in which the number employed during the month of least activity, January, was equal to 97.6 per cent of the number employed in the month of greatest activity, Decem-

ber. Other industries in which the number for the month of least activity was more than 90 per cent of the number for the month of greatest activity are the manufacture of boots and shoes, bakeries, the men's clothing industry, the tobacco-products industry, the manufacture of woolen goods and of hosiery and knit goods, and printing and publishing. Among the principal industries the greatest variation appears in the steel works and rolling mills, in which the number employed during March, the month of least activity, was only 75.8 per cent of the number employed during December, the month of greatest activity. The women's clothing and foundry and machine shop industries also show a comparatively large degree of variation in the number employed.

The lumber industry, as already stated, includes logging camps as well as sawmills, and also includes planing mills and wooden packing-box factories. The variation in employment in all of these branches taken together for the country as a whole is not very great, the number employed during the month of least activity being 87.8 per cent of the number employed during the month of greatest activity. For the logging camps alone, however, there is greater variation, the number employed during July, 170,587, being only 76.6 per cent of the number employed in December, which was 222,564. Furthermore, since in different sections of the country the active season in the woods covers different months, if the operations of the logging camps in each geographic division are considered separately, a much wider variation appears in the number employed, this being particularly true in the Northern states.

There are a number of industries which are conspicuously seasonal in character. In the case of some of these the weather will not permit work except at certain seasons, and in others the raw material used is available only at certain seasons and must be handled immediately, while in the case of the remainder the demand for the products is conspicuously seasonal. The most variable large industry is canning and preserving, which naturally is confined mainly to the period at which fruits and vegetables are harvested. The industry includes the canning and preserving of fish and oysters, which is carried on in the winter months; if this were excluded there would necessarily be a much greater variation in the numbers employed. In this industry the number employed during January, the month of least activity, formed only 12.9 per cent of the number employed during September.

## CHARACTER OF OWNERSHIP.

**Summary for United States.**—The table that follows has for its purpose the presentation of conditions in respect to the character of ownership, or legal organization, of manufacturing enterprises. Comparative figures are given, covering all industries combined, for the censuses of 1909 and 1904. Similar data for 1899 are not available.

Table 20 CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
<b>All classes:</b>				
1909.....	268,491	6,615,046	\$20,672,051,870	\$8,529,260,992
1904.....	210,180	5,468,383	14,793,902,983	6,293,094,753
<b>Average per establishment—</b>				
1909.....	25	25	78,993	31,787
1904.....	25	25	68,433	29,113
<b>Individual:</b>				
1909.....	180,605	804,883	2,042,051,500	908,824,072
1904.....	113,946	735,923	1,702,830,624	824,292,887
<b>Average per establishment—</b>				
1909.....	6	6	14,323	6,890
1904.....	7	7	14,944	7,234
<b>Firm:</b>				
1909.....	54,265	794,836	2,184,107,632	951,283,741
1904.....	47,934	841,242	2,132,536,604	930,143,823
<b>Average per establishment—</b>				
1909.....	15	15	40,249	17,532
1904.....	18	18	44,489	19,405
<b>Corporation:</b>				
1909.....	69,501	5,002,393	16,341,116,634	6,582,207,117
1904.....	51,097	3,862,698	10,904,009,307	4,526,055,153
<b>Average per establishment—</b>				
1909.....	72	72	235,131	94,721
1904.....	75	75	213,399	88,573
<b>Other:</b>				
1909.....	4,120	12,834	104,766,104	26,846,062
1904.....	3,303	8,530	54,466,028	15,302,380
<b>Average per establishment—</b>				
1909.....	3	3	25,429	6,510
1904.....	3	3	17,065	4,122
<b>Per cent of total—</b>				
1909.....	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0
<b>Individual:</b>				
1909.....	52.4	12.2	9.9	11.4
1904.....	52.7	13.5	11.5	13.1
<b>Firm:</b>				
1909.....	20.2	12.0	10.6	11.2
1904.....	22.2	15.4	14.4	14.8
<b>Corporation:</b>				
1909.....	25.9	75.6	79.0	77.2
1904.....	23.6	70.6	73.7	71.9
<b>Other:</b>				
1909.....	1.5	0.2	0.5	0.3
1904.....	1.5	0.2	0.4	0.2

The most important distinction shown is that between corporate and all other forms of ownership. Of the total number of establishments reported as engaged in manufacturing industries in 1909, 25.9 per cent were under corporate ownership. The corresponding figure for 1904 was 23.6 per cent. While corporations thus controlled only about one-fourth of the total number of establishments, they gave employment to a large proportion of all wage earners reported, namely, 75.6 per cent in 1909 and 70.6 per cent in 1904. The value of the products of the factories operated by corporations represented 79 per cent of the total value of products for all establishments in 1909 and 73.7 per cent in 1904. These figures show that even during this short period of five years the corporate form of ownership increased so greatly that it represented an appreciably larger proportion of the manufacturing interests of the country in 1909 than in 1904.

Partnerships (including limited partnerships) controlled about one-fifth of the total number of manufacturing establishments in 1909, and individuals rather more than one-half of the total number. These two classes of establishments were about equal in volume of business, each reporting in the neighborhood of one-eighth of the total number of wage earners and one-tenth of the total value of products in 1909. During the five years from 1904 to 1909 partnerships lost ground, relatively, to a greater degree than individual ownership, presumably because of the incorporation of many concerns previously operated by firms.

In 1909 there were 4,120 establishments operated by cooperative companies and other miscellaneous forms of ownership that could not be classified as individual, firm, or corporate ownership. These establishments gave employment to only two-tenths of 1 per cent of the wage earners, and the value of their products was only five-tenths of 1 per cent of the total value reported for all establishments.

From 1904 to 1909 the average number of wage earners per establishment decreased for all three principal classes of ownership, while the average value of products per establishment decreased for the establishments under individual and firm ownership but increased for corporate ownership.

**Proportion of business done by corporations in the principal industries: 1909 and 1904.**—Table 21, on the following page, shows, for the principal industries, the number of manufacturing establishments operated by corporations in 1909 and 1904, and the percentage which they represent of the entire number of establishments; also the value of the manufactured products made in establishments under corporate ownership and the percentage which this represents of the total value. The figures as to total value, on which the percentages are based, will be found in Table 110. Two important industries, the repair shops of steam railroads and the smelting and refining of copper, are not shown separately in this table, as to do so would disclose the operations of individual establishments.

This table shows that in industries where a large investment in plant and machinery is necessary to the proper conduct of the business, the establishments are as a rule operated by corporations, it being easier under this form of ownership to obtain the necessary capital. All of the establishments engaged in the smelting and refining of lead in 1909 were operated by corporations, and more than 90 per cent of the blast furnaces, steel works and rolling mills, cottonseed-oil mills, and establishments manufacturing steam-railroad cars were under this form of ownership. The general tendency has been toward an increase in the proportion of the establishments operated by corporations, and 35 of the 41 selected

industries show an increase in this respect. In 24 of the 41 selected industries, less than 50 per cent of the establishments were operated by corporations.

As a rule corporations control a much larger proportion of the output of manufactures than they do of the number of establishments. In 16 of the 41 industries the value of the products reported by corporations formed in 1909 more than 90 per cent of the value

reported for all establishments, and in all but 5 of the industries the corporations reported more than 50 per cent of the total value of products. In only 1 of the selected industries, the manufacture of women's clothing, did the proportion of the total value of products reported by corporations fall as low as one-fourth. In this industry it formed only 23.6 per cent of the total value reported for 1909.

Table 21

INDUSTRY.	NUMBER OF ESTABLISHMENTS.						VALUE OF PRODUCTS OF ESTABLISHMENTS OPERATED BY CORPORATIONS.			
	Total.		Operated by corporations.				Amount.		Per cent of total	
	1909	1904	Number.		Per cent of total.		1909	1904	1909	1904
			1909	1904	1909	1904				
<b>All industries</b> .....	<b>268,491</b>	<b>216,180</b>	<b>69,501</b>	<b>51,097</b>	<b>25.9</b>	<b>23.6</b>	<b>\$16,341,116,634</b>	<b>\$10,304,069,307</b>	<b>79.0</b>	<b>73.7</b>
Agricultural implements.....	640	648	349	327	54.5	50.5	140,683,575	105,325,880	96.1	94.0
Automobiles including bodies and parts.....	743	178	478	113	64.3	63.5	233,802,964	28,454,831	94.6	58.1
Boots and shoes, including cut stock and findings.....	1,918	1,895	734	561	38.3	29.6	365,716,678	20,463,693	71.3	58.8
Brass and bronze products.....	1,021	813	417	271	40.8	33.3	134,981,702	89,094,063	90.0	86.9
Bread and other bakery products.....	23,920	18,226	838	483	3.5	2.6	140,288,713	86,995,177	35.3	32.1
Butter, cheese, and condensed milk.....	8,479	8,926	1,313	1,385	15.5	15.5	113,493,555	61,309,538	41.3	36.5
Canning and preserving.....	3,767	3,168	1,167	940	31.0	29.7	116,496,063	78,308,836	74.2	60.0
Carrriages and wagons and materials.....	5,492	5,588	884	806	16.1	14.4	108,348,007	96,894,926	68.4	62.2
Cars, steam-railroad, not including operations of railroad companies.....	110	73	104	67	94.5	91.8	120,486,355	109,079,572	97.4	98.1
Chemicals.....	349	275	266	207	76.2	75.3	118,299,477	68,786,129	98.0	87.5
Clothing, men's, including shirts.....	6,354	5,145	824	538	13.0	10.5	187,167,188	32,9.....	32.9	.....
Clothing, women's.....	4,558	3,351	583	319	12.8	9.5	90,696,932	46,168,946	23.6	18.6
Confectionery.....	1,944	1,348	593	384	30.6	28.5	96,821,995	52,862,483	71.8	60.0
Copper, tin, and steel-iron products.....	4,228	2,540	1,664	591	24.5	23.3	146,640,465	80,388,170	74.9	67.0
Cotton goods, including cotton small wares.....	1,324	1,154	1,113	922	84.1	79.9	698,770,236	417,926,307	95.3	92.8
Electrical machinery, apparatus, and supplies.....	1,009	784	720	524	71.4	66.8	213,088,053	133,777,339	96.3	95.0
Flour-mill and gristmill products.....	11,691	10,051	2,271	1,732	19.4	17.2	388,189,883	429,736,698	66.6	60.3
Foundry and machine-shop products.....	13,233	10,765	6,408	4,542	48.4	42.2	1,082,715,968	734,624,320	88.1	82.3
Furniture and refrigerators.....	3,163	2,592	1,499	1,128	47.5	43.5	192,097,264	128,054,459	80.1	72.0
Gas, illuminating and heating.....	1,296	1,019	1,091	931	84.1	91.4	165,108,539	95,786,262	99.0	98.9
Hosiery and knit goods.....	1,374	1,144	651	476	47.4	41.6	142,021,832	71,0.....	71.0	.....
Iron and steel, blast furnaces.....	298	190	195	182	65.8	65.8	386,391,856	226,518,168	98.7	97.7
Iron and steel, steel works and rolling mills.....	446	415	424	385	95.1	92.8	988,546,017	646,630,620	98.5	98.9
Leather goods.....	2,375	1,918	509	493	24.0	21.0	61,527,700	39,869,146	58.8	45.3
Leather, tanned, curried, and finished.....	619	1,049	454	391	49.4	37.3	250,236,374	108,736,461	76.3	66.8
Liquors, distilled.....	613	805	229	178	37.4	22.1	180,427,167	116,399,668	88.1	88.7
Liquors, malt.....	1,414	1,530	996	930	70.4	60.8	338,480,960	263,219,137	90.3	88.2
Lumber and timber products.....	40,071	25,153	6,969	4,900	17.1	19.5	795,810,129	536,708,071	68.7	60.7
Marble and stone work.....	4,964	2,608	811	467	16.3	17.9	54,839,987	.....	48.5	.....
Oil, cutseeded, and cake.....	817	715	756	677	92.5	94.7	141,730,982	93,817,578	95.8	97.3
Paint and varnish.....	791	639	626	360	66.5	56.3	106,349,811	75,473,279	85.2	83.1
Paper and wood pulp.....	777	761	633	587	81.5	77.1	248,435,381	109,665,695	92.8	79.9
Patent medicines and compounds and druggists' preparations.....	3,642	2,777	1,610	1,161	44.2	41.8	111,493,887	81,831,451	78.5	69.7
Petroleum, refining.....	147	98	181	83	88.0	84.7	232,539,969	169,548,502	98.1	96.9
Printing and publishing.....	31,445	27,793	7,158	5,324	22.8	19.3	516,400,736	368,729,392	70.0	66.7
Silk and silk goods, including throwsters.....	222	624	468	315	54.9	50.5	138,495,867	82,408,150	68.2	69.3
Slaughtering and meat packing.....	1,641	1,221	458	298	27.4	24.4	248,428,015	793,731,846	88.7	80.9
Smelting and refining, lead.....	28	32	28	28	100.0	87.5	167,406,600	188,366,977	100.0	99.8
Sugar and molasses, not including beet sugar.....	233	344	114	112	48.9	32.6	255,895,127	223,854,504	91.6	90.7
Tobacco manufactures.....	15,822	16,827	722	563	4.6	3.3	277,102,771	188,180,069	66.5	56.8
Woolen, worsted, and felt goods, and wool hats.....	1,985	1,974	878	818	48.7	45.2	363,283,846	230,816,967	83.3	75.1
All other industries.....	83,070	49,923	22,277	15,988	3.3	32.0	4,425,406,968	3,136,410,027	82.8	83.3

Proportion of business done by corporations, by states: 1909 and 1904.—Table 22 shows, for the geographic divisions and for each state, the number of manufacturing establishments operated by corporations in 1909 and 1904, and the percentage which they represent of the entire number of establishments;

also the value of the manufactured products made in establishments under corporate ownership, and the percentage which this represents of the total value. The figures as to total value for each of the states, on which the percentages are based, will be found in Table 111.

Table 22

DIVISION AND STATE.	NUMBER OF ESTABLISHMENTS.						VALUE OF PRODUCTS OF ESTABLISHMENTS OPERATED BY CORPORATIONS.			
	Total.		Operated by corporations.				Amount.		Per cent of total.	
			Number.		Per cent of total.					
	1909	1904	1909	1904	1909	1904	1909	1904	1909	1904
<b>United States</b> .....	<b>268,491</b>	<b>216,180</b>	<b>69,501</b>	<b>51,097</b>	<b>25.9</b>	<b>23.6</b>	<b>\$16,341,116,634</b>	<b>\$10,904,068,307</b>	<b>79.0</b>	<b>73.7</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	25,351	22,279	7,300	5,372	28.8	25.0	2,173,070,569	1,509,457,541	81.4	74.5
Middle Atlantic.....	81,315	67,699	17,785	12,460	21.9	18.4	5,133,389,739	3,417,242,344	71.9	65.5
East North Central.....	60,013	51,754	17,755	14,093	29.6	27.2	4,434,329,994	2,913,000,832	85.1	80.8
West North Central.....	27,171	21,492	6,649	4,816	24.5	22.4	1,513,583,331	1,044,005,387	83.9	81.3
South Atlantic.....	28,088	19,564	6,765	4,820	24.1	24.7	1,039,502,614	701,534,357	76.7	72.0
East South Central.....	15,381	10,311	3,558	2,672	23.1	25.9	494,623,131	349,227,144	78.5	75.2
West South Central.....	12,339	8,279	3,403	2,298	27.6	27.8	509,339,325	315,236,430	84.4	75.9
Mountain.....	5,254	3,610	1,743	1,114	33.3	30.9	328,652,051	230,401,412	90.3	90.5
Pacific.....	13,579	11,192	4,543	3,252	33.5	29.1	695,018,111	425,992,759	82.4	76.9
<b>NEW ENGLAND:</b>										
Maine.....	3,546	3,145	861	671	24.3	21.3	136,156,275	101,575,154	77.3	70.5
New Hampshire.....	1,961	1,618	424	338	21.6	20.9	126,642,002	88,159,093	76.9	71.3
Vermont.....	1,958	1,699	372	309	19.0	18.2	42,641,046	36,373,592	82.4	87.7
Massachusetts.....	11,684	10,723	3,483	2,555	29.8	23.8	1,182,935,652	810,545,002	79.4	72.1
Rhode Island.....	1,951	1,617	659	512	33.8	31.7	243,426,968	158,322,601	86.8	78.3
Connecticut.....	4,251	3,477	1,501	1,187	35.3	34.1	441,207,987	314,484,099	90.0	85.2
<b>MIDDLE ATLANTIC:</b>										
New York.....	44,935	37,194	9,345	6,086	20.8	16.4	2,168,626,670	1,396,924,211	62.6	56.1
New Jersey.....	8,817	7,010	2,560	1,834	29.0	26.2	971,904,531	617,236,276	84.8	79.7
Pennsylvania.....	27,563	23,495	5,880	4,540	21.3	19.3	2,053,458,538	1,403,081,857	78.2	71.7
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	15,138	13,785	5,123	4,008	33.8	29.1	1,249,778,444	777,392,416	86.9	80.0
Indiana.....	7,969	7,044	2,363	1,915	29.7	27.2	495,570,090	317,481,228	83.6	80.6
Illinois.....	18,026	14,921	5,209	4,145	28.9	27.8	1,646,518,916	1,179,628,840	85.8	83.6
Michigan.....	9,159	7,446	2,638	2,044	28.8	27.4	571,102,107	328,185,756	83.4	76.5
Wisconsin.....	9,721	8,558	2,422	1,981	24.9	23.1	471,360,437	310,912,592	79.8	75.6
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	5,561	4,756	1,326	922	23.8	19.4	330,924,567	234,013,794	80.8	76.0
Iowa.....	5,528	4,785	1,317	1,041	23.8	21.8	189,182,389	116,246,585	73.0	72.4
Missouri.....	8,375	6,464	2,447	1,847	29.2	28.6	508,761,173	379,405,293	85.6	86.3
North Dakota.....	792	507	133	81	17.7	16.0	13,586,668	5,146,817	71.0	54.0
South Dakota.....	1,020	686	216	112	21.2	16.3	9,870,131	6,003,547	55.2	45.9
Nebraska.....	2,500	1,819	487	359	19.5	19.7	175,621,402	138,623,975	88.2	89.5
Kansas.....	3,435	2,475	723	454	21.0	18.3	285,637,061	164,565,576	87.9	83.0
<b>SOUTH ATLANTIC:</b>										
Delaware.....	726	631	202	160	27.8	25.0	36,071,988	1,28,921,912	68.3	70.3
Maryland.....	4,837	3,852	873	650	18.0	16.9	207,102,289	147,744,248	65.6	60.7
District of Columbia.....	518	492	122	91	23.6	22.9	16,544,835	10,150,928	65.4	55.3
Virginia.....	5,685	3,187	1,099	702	19.3	18.0	163,780,671	109,546,390	74.5	73.6
West Virginia.....	2,886	2,109	813	638	31.4	30.3	140,385,264	78,951,053	86.7	79.7
North Carolina.....	4,831	3,272	1,539	879	31.2	28.9	182,140,664	115,510,163	84.1	79.6
South Carolina.....	1,854	1,369	364	464	30.4	33.2	102,403,671	70,493,578	90.4	88.8
Georgia.....	4,792	3,219	1,252	931	26.1	28.9	165,057,980	114,976,572	81.4	76.1
Florida.....	2,159	1,413	501	308	23.2	21.7	45,815,852	1,27,209,766	62.9	54.2
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	4,776	3,734	1,147	862	24.0	23.1	178,656,245	117,046,726	79.8	73.3
Tennessee.....	4,609	3,175	1,068	785	23.2	24.7	133,750,538	97,285,799	74.2	70.5
Alabama.....	3,398	1,882	788	578	23.2	30.7	123,502,394	92,725,327	84.6	84.9
Mississippi.....	2,598	1,520	555	447	21.4	29.4	58,719,854	42,169,292	72.9	73.4
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	2,925	1,907	640	518	21.9	27.2	55,583,992	38,724,917	74.2	71.9
Louisiana.....	2,516	2,091	910	700	36.2	33.5	183,303,633	138,977,223	81.8	74.6
Oklahoma.....	2,710	1,123	501	1,242	21.7	21.5	39,390,339	117,401,144	73.4	74.1
Texas.....	4,588	3,158	1,352	839	29.5	26.6	231,059,361	120,133,146	84.7	79.8
<b>MOUNTAIN:</b>										
Montana.....	677	382	203	118	30.0	30.9	68,458,197	63,369,703	93.4	95.4
Idaho.....	725	364	200	105	27.6	28.8	16,982,034	6,136,137	75.8	70.0
Wyoming.....	268	169	168	155	25.0	32.0	4,664,800	1,2,751,358	74.6	78.1
Colorado.....	2,034	1,096	698	478	34.3	29.8	116,991,543	89,377,091	90.0	89.2
New Mexico.....	313	199	196	153	30.4	25.6	1,6,233,689	1,645,600	79.2	81.4
Arizona.....	311	169	1122	71	38.6	42.0	48,305,675	27,135,794	90.1	96.6
Utah.....	749	606	294	203	39.3	33.5	56,234,329	34,765,530	90.7	89.3
Nevada.....	177	115	170	34	37.3	29.6	10,761,784	2,220,209	90.5	71.7
<b>PACIFIC:</b>										
Washington.....	3,674	2,751	1,444	926	39.3	33.7	185,171,875	103,215,882	83.9	80.1
Oregon.....	2,246	1,692	640	409	28.5	25.5	70,781,209	40,034,288	76.1	72.1
California.....	7,659	6,839	2,459	1,917	32.1	28.0	439,064,967	280,742,589	82.9	76.5

1 Includes establishments operated under other forms of ownership, to avoid disclosing individual operations. There were eight of these establishments in 1909 and seven in 1904 which were included in the total for geographic divisions but are not included in the total for the United States.

Table 22 shows that in most of the states in 1909 the number of manufacturing establishments owned by corporations represented between one-fifth and one-third of the total number of manufacturing establishments. Vermont, North Dakota, Nebraska, Maryland, and Virginia were the only states in which less than one-fifth of the establishments were owned by corporations, and Rhode Island, Connecticut, Ohio, Louisiana, and five states in the western part of the country were the only ones in which over one-third were under this form of ownership. In a large majority of the states the proportion of establishments operated by corporations was larger in 1909 than in 1904, the exceptions being Nebraska, Virginia, South Carolina, Georgia, Tennessee, Alabama, Mississippi, Arkansas, Montana, Idaho, Wyoming, and Arizona.

In most of the states between three-fifths and nine-tenths of the total value of manufactured products in 1909 was reported by establishments under corporate

ownership. The only state in which the proportion was less than three-fifths was South Dakota, while in Connecticut, South Carolina, Montana, Colorado, Arizona, Utah, and Nevada the proportion was nine-tenths or more. Among the great manufacturing states, New York is conspicuous for the comparatively small proportion, 62.6 per cent, of the value of its products contributed by this class of establishments. In almost every state a larger percentage of the total value of products was reported by such establishments in 1909 than in 1904, thus indicating that the tendency toward the incorporation of manufacturing concerns, particularly the larger concerns, is general and to a considerable degree independent of variations in state legislation regarding corporations. The only states in which the proportion of the total value produced by corporations was less in 1909 than in 1904 are Nebraska, Delaware, Alabama, Mississippi, Montana, Wyoming, New Mexico, and Arizona, and the difference in each case was slight.

### SIZE OF ESTABLISHMENTS.

**Summary for United States.**—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is a matter of interest from the standpoint of industrial organization. In order to throw some light upon it, Table 23 groups the establishments in all industries combined according to the value of their products, and shows for each group, for 1909 and 1904, the number of wage earners, value of products, and value added by manufacture, together with the percentage of the respective totals represented by each group. It also gives the average size of establishments as measured by these three items; the changes in this average are, however, much less significant than the changes in the percentages for the several groups.

Of the 268,491 establishments reported as engaged in manufacturing industries in 1909, there were 3,060, or 1.1 per cent, whose products were valued at more than \$1,000,000 each. The corresponding figures for 1904 were 1,900 establishments out of 216,180, or nine-tenths of 1 per cent. While these establishments represented a comparatively small proportion of the total number of establishments, they gave employment to a much larger proportion of all the wage earners reported, namely, 30.5 per cent in 1909 and 25.6 per cent in 1904. The value of products of such establishments represented 43.8 per cent of the total value of products in 1909 and 38 per cent in 1904.

The figures indicate that establishments of this class produced a considerably larger proportion of the manufactures of the country in 1909 than in 1904. It should be noted that the increased proportion is due partly to the fact that certain establishments included in the other groups in 1904 were included in this group in 1909 as the result of an increase in the value of their output.

Table 23

VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
<b>All classes:</b>				
1909.....	268,491	6,615,046	\$20,672,651,870	\$8,529,260,992
1904.....	216,180	5,448,383	14,793,902,963	6,282,694,733
<b>Less than \$5,000:</b>				
1909.....	93,349	142,430	222,463,847	144,246,005
1904.....	71,147	106,353	176,128,212	114,781,124
<b>\$5,000 and less than \$20,000:</b>				
1909.....	86,588	470,006	904,845,664	509,907,974
1904.....	72,791	419,466	731,047,739	424,129,643
<b>\$20,000 and less than \$100,000:</b>				
1909.....	57,270	1,096,449	2,544,426,711	1,268,317,991
1904.....	48,096	1,027,047	2,129,237,883	1,090,271,887
<b>\$100,000 and less than \$1,000,000:</b>				
1909.....	27,824	2,896,532	7,946,935,255	3,572,746,038
1904.....	22,246	2,615,064	6,109,012,538	2,782,641,883
<b>\$1,000,000 and over:</b>				
1909.....	3,060	2,015,629	9,053,580,393	3,044,043,021
1904.....	1,900	1,400,453	5,628,456,171	1,881,870,216
<b>Per cent of total:</b>				
1909.....	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0
<b>Less than \$5,000:</b>				
1909.....	34.8	2.2	1.1	1.7
1904.....	32.9	1.9	1.2	1.8
<b>\$5,000 and less than \$20,000:</b>				
1909.....	32.4	7.1	4.4	6.0
1904.....	33.7	7.7	5.1	6.7
<b>\$20,000 and less than \$100,000:</b>				
1909.....	21.3	16.5	12.3	14.8
1904.....	22.2	18.8	14.4	17.3
<b>\$100,000 and less than \$1,000,000:</b>				
1909.....	10.4	43.8	38.4	41.9
1904.....	10.3	46.0	41.3	44.2
<b>\$1,000,000 and over:</b>				
1909.....	1.1	30.5	43.8	35.7
1904.....	0.9	25.6	38.0	29.9
<b>Average per establishment:</b>				
1909.....	25	25	\$76,903	\$31,767
1904.....	25	25	68,453	29,113

In 1909 establishments with a product valued between \$100,000 and \$1,000,000, gave employment to 43.8 per cent of the wage earners, and the value of their products formed 38.4 per cent of the total. Establishments with a product valued between \$20,000 and \$100,000 gave employment to about one-sixth of the wage earners, and the value of their products formed about one-eighth of the total. The establishments which

had a product valued between \$5,000 and \$20,000, constituted about one-third of the whole number, but gave employment to only 7.1 per cent of the wage earners, and the value of their products formed only 4.4 per cent of the total. Establishments that had a product in 1909 valued at less than \$5,000 also formed about one-third of the total number, but they gave employment to only 2.2 per cent of the wage earners and turned out products whose value amounted to only 1.1 per cent of the total. In this class of establishments a large proportion of the work was done by the proprietors and firm members.

Of the five classes designated, the class of establishments with products valued at \$1,000,000 or over is the only one that reported a larger proportion of the total value of products in 1909 than in 1904, every other class having lost relatively. The same statement is true as to the number of wage earners, except that the establishments of smallest size, as well as those of largest size, have gained somewhat in their proportion of the total number employed.

During the five years 1904-1909 the average value of products per establishment increased from \$68,433 to \$76,993, and the average value added by manufacture from \$29,113 to \$31,767. These changes can scarcely be taken as in themselves indicating a tendency toward concentration, as the increased values shown are due in part to the increase that has taken place in the prices of commodities. The average number of wage earners per establishment was the same at the two censuses, namely, 25.

**Relative importance of large establishments in the principal industries: 1909 and 1904.**—The following table shows for the principal industries of the United States, for 1909 and 1904, the number of establishments manufacturing products to the value of \$1,000,000 or more, and the percentage which such establishments represent of the total number of establishments; also the value of products made by establishments of this class and the proportion which that value represents of the total for all establishments in the industry.

Table 21

INDUSTRY.	NUMBER OF ESTABLISHMENTS.								VALUE OF PRODUCTS OF ESTABLISHMENTS REPORTING PRODUCTS VALUED AT \$1,000,000 OR OVER.			
	Total.		Reporting products valued at \$1,000,000 or over.				Amount.		Per cent of total.			
	1909	1904	1909	1904	1909	1904	1909	1904	1909	1904		
			Number.	Per cent of total.		*						
<b>All industries</b> .....	<b>268,491</b>	<b>216,180</b>	<b>3,060</b>	<b>1,900</b>	<b>1.1</b>	<b>0.9</b>	<b>\$9,053,580,383</b>	<b>\$5,628,456,171</b>	<b>43.8</b>	<b>38.0</b>		
Agricultural implements.....	640	648	34	27	5.3	4.2	94,138,206	58,479,820	64.3	52.2		
Automobiles, including bodies and parts.....	743	178	56	10	7.5	5.6	170,386,862	13,998,669	68.4	46.6		
Boots and shoes, including cut stock and findings.....	1,918	1,895	135	162	7.0	3.3	244,547,642	119,079,802	47.7	33.3		
Brass and bronze products.....	6,021	813	24	17	2.4	2.1	35,947,143	4,517,736,063	37.3	33.9		
Bread and other bakery products.....	23,926	18,226	21	14	0.1	0.1	36,385,586	23,083,467	9.2	8.6		
Butter, cheese, and condensed milk.....	8,479	8,826	9	(1)	0.1	.....	11,933,853	(1)	4.3	.....		
Canning and preserving.....	3,767	3,108	13	4	0.3	0.1	23,468,494	5,627,911	14.0	4.3		
Carrriages and wagons and materials.....	5,492	5,588	13	8	0.2	0.1	23,926,135	13,957,216	15.0	9.0		
Cars and general shop construction and repairs by steam-railroad companies.....	1,145	1,140	94	68	8.2	6.0	189,111,816	125,671,000	46.6	40.0		
Cars, steam-railroad, not including operations of railroad companies.....	110	73	25	25	22.7	34.2	98,741,717	98,706,346	80.7	88.8		
Chemicals.....	349	275	31	18	8.9	6.5	70,806,560	36,296,917	60.2	48.3		
Clothing, men's, including shirts.....	6,354	5,148	84	58	1.3	1.1	167,971,232	101,380,521	29.6	24.9		
Clothing, women's.....	4,558	3,351	22	11	0.5	0.3	30,612,134	14,027,712	8.0	5.7		
Confectionery.....	1,484	1,348	12	5	0.6	0.4	18,998,220	7,753,842	14.1	8.9		
Copper, tin, and sheet-iron products.....	4,258	2,540	27	15	0.6	0.6	44,988,499	25,257,976	22.5	21.1		
Cotton goods, including cotton small wares.....	1,234	1,154	163	99	12.3	8.6	332,245,643	197,884,132	52.9	43.9		
Electrical machinery, apparatus, and supplies.....	1,009	784	31	23	3.1	2.8	37,125,550	85,154,294	57.1	60.5		
Flour-mill and gristmill products.....	11,991	10,661	138	87	1.2	0.9	319,047,659	262,952,454	36.1	28.5		
Furniture and machine-shop products.....	13,253	10,765	180	111	1.4	1.0	356,615,899	192,749,417	29.0	22.0		
Furniture and refrigerators.....	8,155	2,593	11	8	0.3	0.3	20,070,913	12,523,557	8.4	7.0		
Gas, illuminating and heating.....	1,296	1,019	28	24	2.2	2.4	96,395,457	73,898,211	57.8	59.0		
Hosiery and knit goods.....	1,374	1,144	25	11	1.8	1.0	37,125,550	15,018,710	18.5	11.0		
Iron and steel, blast furnaces.....	208	190	86	49	41.3	25.8	335,992,823	173,321,243	86.8	74.8		
Iron and steel, steel's and rolling mill products.....	445	415	186	141	41.7	31.6	896,764,339	570,175,787	91.0	84.6		
Leather, tanned, curried, and finished.....	919	1,049	78	48	8.5	4.6	91,557,913	91,557,232	48.2	36.2		
Liquors, distilled.....	613	805	39	22	6.4	2.7	148,433,755	101,537,912	72.5	77.4		
Liquors, malted.....	1,414	1,530	67	46	4.7	3.0	138,046,347	84,069,197	36.8	28.2		
Lumber and timber products.....	40,671	25,153	72	26	0.2	0.1	103,756,410	33,556,164	9.0	4.0		
Oil, cottonseed, and cake.....	817	715	17	9	2.1	1.3	35,972,629	21,351,063	24.3	22.1		
Paint and varnish.....	791	639	26	16	3.3	2.5	44,109,159	29,873,069	35.3	32.9		
Paper and wood pulp.....	777	703	50	30	6.4	3.9	92,386,308	47,301,705	33.0	25.1		
Patent medicines and compounds and druggists' preparations.....	3,642	2,777	19	14	0.5	0.5	33,632,561*	26,851,722	23.7	22.9		
Petroleum, refining.....	147	98	35	19	23.8	19.4	208,671,648	154,540,485	88.0	83.3		
Printing and publishing.....	31,445	27,793	74	43	0.2	0.2	137,082,261	182,410,032	18.6	14.9		
Silk and silk goods, including throwsters.....	802	624	57	33	4.3	3.7	68,579,866	39,778,944	31.8	28.3		
Slaughtering and meat packing.....	1,641	1,221	166	110	10.1	9.0	1,176,403,413	773,222,035	85.8	83.9		
Smelting and refining, copper.....	38	40	32	31	84.2	77.5	375,133,093	238,328,190	99.0	99.0		
Smelting and refining, lead.....	28	32	21	18	75.0	56.2	166,045,144	181,011,667	99.2	97.4		
Tobacco manufacturers.....	15,822	16,827	64	43	0.4	0.3	203,894,122	122,000,821	48.9	37.1		
Woolen, worsted, and felt goods, and wool hats.....	697	1,074	63	63	8.7	5.9	248,245,985	135,960,881	57.0	42.6		
All other industries.....	69,659	53,612	729	853	1.0	0.8	1,880,724,222	1,242,336,568	37.2	33.9		

\* The statistics for three establishments omitted, to avoid the disclosure of individual operations.

\* The statistics for two establishments omitted, to avoid the disclosure of individual operations.

\* The statistics for one establishment omitted, to avoid the disclosure of individual operations.

The total value of products for each industry as a whole, from which the percentages in the last two columns are calculated, appears in Table 110. Three important industries, the manufacture of leather goods, marble and stone work, and sugar and molasses, are not shown in the table in order to avoid the disclosure of individual operations.

While the gross value of products is in some respects not the best criterion of the relative importance of different industries or of different states or sections in respect to manufacturing business, it is a fairly satisfactory standard for comparing different classes of establishments within the same industry. Table 24 shows, as might be expected, exceedingly wide variation among the different industries in respect to the proportion of large establishments, and in respect to the proportion of the total value of products which is reported by such establishments. The industry in which establishments reporting products to the value of \$1,000,000 or more constitute the largest proportion of the total number of establishments is the smelting and refining of copper, followed, in order, by the smelting and refining of lead, steel works and rolling mills, blast furnaces, the refining of petroleum, and the construction of steam-railroad cars. In each of these industries in 1909 establishments of this class constituted more than one-fifth of the total number, and in the smelting and refining of copper they constituted about five-sixths of the total. In these industries, moreover, establishments of this size reported exceptionally high proportions of the total value of products. The smelting and refining of lead and of copper ranked highest in this respect, with 99.2 and 99 per cent, respectively, of the total value of products reported by establishments with a value of products above \$1,000,000. The slaughtering and meat-packing industry, also, though its proportion of large establishments is not conspicuously high, shows a very high proportion of the total value of products, 85.8 per cent, reported from such establishments.

On the other hand, there are a number of industries in which the smaller establishments predominate and in which only a very small proportion of the total value of products is contributed by establishments manufacturing products to the value of \$1,000,000 or more. In the bakery, butter, cheese, and condensed-milk, women's clothing, furniture, and lumber industries the proportion of the total value of products reported by such establishments is less than 10 per cent, and there are several other industries of importance in which the proportion is less than 20 per cent.

In practically every industry named in the table the number of establishments manufacturing products to the value of \$1,000,000 or more increased materially

from 1904 to 1909, and constituted a larger proportion of the total number of establishments in the later year than in the earlier. In the same way the value of the products of such establishments in nearly every industry constituted a larger proportion of the total value in 1909 than in 1904, the only exceptions being in the manufacture of electrical machinery, apparatus, and supplies, the construction of railroad cars, the illuminating-gas industry, the distillery industry, and the refining of petroleum.

**Relative importance of large establishments, by states: 1909 and 1904.**—Table 25 presents, by states grouped according to geographic divisions, statistics showing the relative importance of the establishments having a product valued at \$1,000,000 or over for the census years 1909 and 1904. Certain states are not shown separately, as to do so would disclose individual operations.

The differences among the several states with respect to the extent to which manufacturing is carried on in large establishments are dependent in part upon the character of the industries predominant in each state. It also depends in part upon the degree to which those industries have been developed; in those states in which manufactures are extensive the large establishments are likely, other conditions being equal, to do a greater proportion of the manufacturing than in states where manufactures are relatively unimportant.

The state in which establishments manufacturing products to the value of \$1,000,000 or more represented the largest proportion of the total number of establishments in 1909 was Rhode Island, with 3.5 per cent, followed by Arizona and Massachusetts, in the order named. The proportion in New York, the leading manufacturing state, was comparatively low, 1 per cent. There are several states in which such establishments represented only a small fraction of 1 per cent of the total number.

In most of the states the large establishments contributed a very considerable proportion of the entire value of manufactured products. The state in which this proportion was the highest in 1909 is Arizona, with 84.1 per cent, followed by Nebraska, Montana, Kansas, New Jersey, Illinois, Utah, and Pennsylvania, in each of which states the products of establishments of this class represented more than one-half of the total value. The predominance of the smelting and refining of copper and lead in the Mountain states named, of the slaughtering and meat-packing industry in Kansas and Nebraska, of the slaughtering and the iron and steel industries in Illinois, of the iron and steel industry in Pennsylvania, and of the smelting and refining of copper and the refining of petroleum in New Jersey serve in a large measure to explain these high

percentages. In New York, the most important manufacturing state, 37 per cent of the total value of products was reported by establishments of the class under consideration, this comparatively low percentage being the result in part of the great magnitude in that state

of the clothing industries, which are mostly conducted in small establishments. Of the states given in the table those in which the proportion of the total value of products reported by large establishments is less than 10 per cent are Oklahoma, Arkansas, and Florida.

Table 25

STATE.	NUMBER OF ESTABLISHMENTS.							VALUE OF PRODUCTS OF ESTABLISHMENTS REPORTING PRODUCTS VALUED AT \$1,000,000 OR OVER.			
	Total.		Reporting products valued at \$1,000,000 or over.				Amount.		Per cent of total.		
	1909	1904	1909	1904	Number.		1909	1904	1909	1904	
					1909	1904					
<b>United States</b> .....	<b>268,491</b>	<b>216,180</b>	<b>3,069</b>	<b>1,900</b>	<b>1.1</b>	<b>0.9</b>	<b>\$9,053,880,393</b>	<b>\$5,628,456,171</b>	<b>63.8</b>	<b>38.0</b>	
<b>NEW ENGLAND:</b>											
Maine.....	3,546	3,443	23	17	0.7	0.5	37,250,905	32,815,822	32.5	22.8	
New Hampshire.....	1,961	1,518	34	20	1.7	1.2	80,784,014	45,269,594	49.1	26.7	
Vermont.....	1,958	1,699	4	6	0.2	0.4	7,185,281	8,475,959	10.5	13.4	
Massachusetts.....	11,684	10,723	293	191	2.5	1.8	719,811,302	486,142,511	48.3	40.8	
Rhode Island.....	1,961	1,517	19	41	3.3	2.5	135,288,205	80,653,910	48.3	39.0	
Connecticut.....	4,251	3,477	93	65	2.2	1.9	241,562,058	157,091,418	49.3	42.7	
<b>MIDDLE ATLANTIC:</b>											
New York.....	44,935	37,194	470	294	1.0	0.8	1,245,968,072	816,099,837	37.0	32.8	
New Jersey.....	8,817	7,910	194	121	2.2	1.7	649,848,742	384,853,547	56.7	49.7	
Pennsylvania.....	27,963	23,985	400	284	1.3	1.2	1,331,111,312	901,539,526	50.7	46.1	
<b>EAST NORTH CENTRAL:</b>											
Ohio.....	15,138	13,785	245	136	1.6	1.0	666,243,771	331,726,477	46.3	34.5	
Indiana.....	7,969	7,044	92	45	1.2	0.6	272,679,094	134,974,371	47.1	34.3	
Illinois.....	18,028	14,921	273	108	1.5	1.1	1,053,746,101	735,157,889	56.2	33.5	
Michigan.....	9,159	7,446	88	41	1.0	0.6	258,341,099	100,138,469	37.7	23.3	
Wisconsin.....	9,721	8,538	80	58	0.9	0.7	228,084,707	124,948,292	38.6	30.4	
<b>WEST NORTH CENTRAL:</b>											
Minnesota.....	5,591	4,756	65	39	1.2	0.8	198,507,729	132,541,419	48.5	43.1	
Iowa.....	5,528	4,783	29	11	0.5	0.3	95,385,315	41,080,284	36.9	23.6	
Missouri.....	8,375	6,964	94	68	1.1	1.1	271,995,390	189,336,754	47.3	43.1	
Nebraska.....	2,500	1,819	17	9	0.7	0.5	137,133,162	110,913,438	68.9	71.0	
Kansas.....	3,435	2,475	34	21	1.0	0.8	204,383,280	114,177,287	62.9	57.6	
<b>SOUTH ATLANTIC:</b>											
Delaware.....	726	631	7	9	1.0	1.4	16,892,893	13,711,604	32.0	33.3	
Maryland.....	4,837	3,832	41	34	0.8	0.9	124,386,041	95,606,942	39.5	39.3	
District of Columbia.....	518	482	3	( <sup>1</sup> )	0.6	.....	5,012,734	( <sup>1</sup> )	19.8	.....	
Virginia.....	5,688	3,187	26	13	0.5	0.5	95,124,982	34,971,439	26.9	22.9	
West Virginia.....	2,886	2,109	33	14	1.3	0.7	62,481,893	25,154,989	38.6	23.4	
North Carolina.....	4,593	3,272	22	9	0.4	0.3	38,668,316	30,411,650	27.1	21.3	
South Carolina.....	1,854	1,299	17	13	0.9	0.9	24,887,694	17,617,696	22.0	22.4	
Georgia.....	4,792	3,219	18	10	0.4	0.3	34,054,985	20,654,194	16.8	13.7	
Florida.....	2,159	1,413	4	.....	0.2	.....	4,456,669	.....	6.1	.....	
<b>EAST SOUTH CENTRAL:</b>											
Kentucky.....	4,776	3,734	29	17	0.6	0.5	62,164,920	38,390,336	27.8	24.2	
Tennessee.....	4,669	3,175	17	11	0.4	0.3	30,567,945	18,796,201	17.0	13.6	
Alabama.....	3,398	1,882	22	14	0.6	0.7	42,948,999	25,070,580	28.8	23.0	
<b>WEST SOUTH CENTRAL:</b>											
Arkansas.....	2,925	1,907	4	( <sup>1</sup> )	0.1	.....	5,443,573	( <sup>1</sup> )	7.3	.....	
Louisiana.....	2,516	2,091	23	13	0.9	0.6	75,417,505	54,118,186	33.7	29.0	
Oklahoma.....	2,310	1,123	4	4	0.2	0.2	4,884,370	.....	9.1	.....	
Texas.....	4,988	3,158	36	17	0.8	0.5	102,054,306	39,630,054	27.4	25.9	
<b>MOUNTAIN:</b>											
Montana.....	677	382	6	6	0.9	1.0	49,871,216	52,545,498	68.1	79.1	
Colorado.....	2,024	1,696	20	16	1.0	1.0	38,495,700	30,670,463	45.1	50.6	
Arizona.....	314	199	9	7	2.9	4.1	42,276,931	22,761,081	84.1	81.0	
Utah.....	749	696	7	5	0.9	0.8	33,100,176	20,978,066	53.4	53.9	
<b>PACIFIC:</b>											
Washington.....	3,264	2,751	20	13	0.5	0.5	42,379,727	28,001,570	19.2	21.7	
Oregon.....	2,426	1,982	8	5	0.4	0.3	14,398,817	7,853,317	15.5	14.2	
California.....	7,659	6,839	71	31	0.9	0.3	202,103,329	105,272,449	38.2	28.7	
All other states *.....	5,833	3,500	8	6	0.1	0.2	17,938,958	8,162,677	10.8	8.0	

<sup>1</sup> Excluded to avoid disclosures of individual establishments, but included in the total for the United States.

\* All other states embrace Idaho, Mississippi, Nevada, North Dakota, and Wyoming in 1909 and Arkansas, District of Columbia, Mississippi, and New Mexico in 1904.

In a large majority of the states, establishments manufacturing products to the value of \$1,000,000 or more represented a larger proportion of the total number of establishments in 1909 than in 1904, and reported a larger proportion of the total value of

products in the later year than in the earlier. The only states where this was not true with respect to the value of products are Vermont, Delaware, South Carolina, Nebraska, Montana, Colorado, Utah, and Washington.

Establishments grouped according to number of wage earners: 1909.—In some respects, and especially from the standpoint of conditions under which persons engaged in manufactures work, the best classification of establishments to bring out the feature of size is a classification according to the number of wage earners employed, which is shown by Table 26.

	ESTABLISHMENTS, WAGE EARNERS, AND PER CENT OF TOTAL.			
	ESTABLISHMENTS EMPLOYING—		Per cent of total.	
	Number of establishments.	Average number of wage earners.	Establishments.	Wage earners.
Total.....	288,491	6,615,046	100.0	100.0
No wage earners.....	27,712		10.3	
1 to 5 wage earners.....	136,289	311,704	30.8	4.7
6 to 20 wage earners.....	64,070	640,793	23.3	9.7
21 to 50 wage earners.....	23,544	764,408	8.8	11.6
51 to 100 wage earners.....	10,964	782,288	4.1	11.8
101 to 250 wage earners.....	8,116	1,258,639	2.0	19.0
251 to 500 wage earners.....	2,905	1,006,457	1.1	15.2
501 to 1,000 wage earners.....	1,223	387,479	0.5	12.7
Over 1,000 wage earners.....	540	1,013,374	0.2	15.3

Of the 268,491 establishments reported for all industries, 10.3 per cent employed no wage earners; 50.8 per cent, from 1 to 5; 21.3 per cent, 6 to 20; and 8.8 per cent, 21 to 50. The most numerous single group consists of the 136,289 establishments employing from 1 to 5 wage earners, and the next of the 57,198 establishments employing from 6 to 20 wage earners. There were 4,668 establishments that reported the employment of over 250 wage earners; 540 of these employed over 1,000.

The single group having the largest number of wage earners was the group comprising the establishments employing from 101 to 250. This group employed 1,258,639 wage earners, or 19 per cent of the total number.

Table 27 shows, for 1909, for all industries combined and for 43 industries individually the number of establishments and average number of wage earners, by groups, and the percentage of wage earners in each group for these industries.

INDUSTRY.	ESTABLISHMENTS EMPLOYING—															
	Total.	No wage earners.		1 to 20 wage earners.		21 to 100 wage earners.		101 to 500 wage earners.		Over 500 wage earners.		Per cent wage earners in establishments employing specified number form of total.				
		Establishments.	Wage earners (average number).	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	1 to 20 wage earners.	21 to 100 wage earners.	101 to 500 wage earners.	Over 500 wage earners.	
All industries.....	288,511	6,615,046	27,712	183,487	852,497	34,508	1,546,706	11,021	2,265,096	1,783	1,869,747	14.4	23.4	34.2	28.0	
Agricultural implements.....	640	50,551	40	372	2,067	133	6,406	77	17,902	18	24,170	4.1	12.7	45.4	47.8	
Automobiles, including bodies and parts.....	743	75,721	12	393	2,716	193	9,453	108	23,768	35	39,754	3.0	12.5	31.3	52.3	
Boots and shoes, including cut stock and findings.....	1,918	168,297	49	839	6,176	538	27,208	414	97,691	78	67,162	3.1	13.8	49.2	33.9	
Bread and bakery products.....	1,021	40,618	56	717	4,122	174	7,416	61	12,422	13	16,359	5.0	18.2	30.6	40.2	
Brass and other bakery products.....	23,926	106,216	3,643	19,751	66,112	426	174,977	101	17,889	5	4,247	19.3	25.9	17.9	4.2	
Butter, cheese, and condensed milk.....	8,479	19,433	1,025	7,536	113	7	945				68.5	20.6	10.9			
Canning and preserving.....	3,492	69,928	40	4,462	23,141	484	24,719	86	15,459	8	2,415	29.3	40.1	25.8	4.0	
Cars and general shop construction and repairs by steam-railroad companies.....	1,145	282,174		251	2,469	310	16,841	418	101,068	166	161,550	0.9	6.0	35.8	57.4	
Cars, steam-railroad, not including operations of railroad companies.....	110	43,086	1	12	130	36	1,886	29	9,669	22	21,401	0.3	4.4	22.5	72.8	
Chemicals.....	349	23,714	11	203	1,432	88	4,004	36	8,626	11	9,652	6.1	10.9	36.4	49.7	
Clothing, men's, including shirts.....	6,334	289,696	191	3,713	33,185	2,045	85,702	333	70,846	52	49,963	13.8	35.7	23.8	20.8	
Clothing, women's.....	4,538	135,743	68	2,438	23,813	1,754	74,965	292	51,014	6	3,951	15.9	45.7	33.1	2.6	
Confectionery.....	1,944	44,638	156	1,376	7,194	313	14,547	115	29,145	4	2,752	16.2	32.0	45.1	6.2	
Copper, tin, and aluminum products.....	4,228	75,613	183	3,498	17,635	407	16,902	124	26,931	16	12,887	23.9	23.1	36.6	16.4	
Cotton goods, including cotton small wares.....	1,324	378,880		3	139	1,448	495	22,851	573	135,735	294	218,876	0.3	6.0	35.9	57.7
Electrical machinery, apparatus, and supplies.....	1,009	87,256	22	607	3,988	243	11,337	117	23,885	20	48,020	4.5	13.0	27.4	55.0	
Four-mill and gristmill products.....	11,691	39,453	1,849	9,027	20,023	239	6,356	13	2,124	3	1,980	65.9	23.6	10.4	5.0	
Farm and machine-shop products.....	19,253	331,011	639	8,561	24,982	2,962	133,613	1,009	203,427	142	139,008	10.3	25.9	3.3	28.1	
Furniture and refrigerators.....	3,155	128,452	95	1,655	11,569	1,109	53,607	287	53,458	12	9,818	9.0	41.8	41.6	7.6	
Gas, illuminating and heating.....	1,296	37,215	108	639	4,811	180	9,377	58	11,529	11	12,498	12.9	22.5	31.0	33.6	
Hosiery and knit goods.....	1,574	129,275	31	456	4,308	321	26,620	223	68,059	33	30,210	5.4	23.6	32.6	25.4	
Iron and steel, blast furnaces.....	298	38,429		11	125	78	5,682	165	22,454	14	14,765	0.3	13.3	58.4	28.0	
Iron and steel, steel works and rolling mills.....	2,375	249,076		26	297	94	5,683	187	49,955	129	184,141	0.1	2.4	29.8	76.7	
Leather goods.....	919	62,202	30	379	2,664	350	17,785	142	26,991	18	6,838	4.3	28.5	43.2	24.0	
Liquors, distilled.....	613	6,430	41	487	1,798	76	3,122	9	1,309		28.0	48.8	23.3			
Machinery and machine-shop products.....	1,444	54,539	23	732	17,678	331	24,639	89	15,034		12.9	43.2	37.6	14.4		
Machinery, mill.....	40,671	695,019	909	33,992	186,140	4,859	196,704	1,214	241,234	87	70,941	26.8	28.8	34.7	10.2	
Marble and stone work.....	4,964	65,603	294	4,010	19,650	593	24,955	92	17,176	3	3,822	30.0	38.0	26.2	5.8	
Oil, cottonseed, and cake.....	317	17,071		511	5,763	100	10,772	5	596		33.4	63.1	3.5			
Paint and varnish.....	738	14,240	86	662	3,072	117	5,159	33	5,397	1	631	21.5	36.1	37.9	4.4	
Paper and wood pulp.....	7,777	75,978		193	2,231	352	17,489	215	43,930	17	11,968	2.9	23.4	57.9	18.8	
Patent medicines and compounds and druggists' preparations.....	3,642	22,865	1,051	2,306	8,193	165	6,737	27	4,971	3	2,974	35.8	29.5	21.7	13.0	
Printing, retaining.....	147	13,929		75	718	43	1,810	23	6,265	6	5,106	5.1	13.0	45.2	36.6	
Proteins and publishing.....	31,445	238,434	8,940	22,254	93,663	1,877	79,316	344	63,240	39	22,195	38.3	39.7	24.4	8.6	
Silk and silk goods, including throwsters.....	832	96,937	3	143	2,512	233	17,661	243	52,330	28	26,091	6.0	17.8	33.3	26.4	
Shoemaking and neat packing.....	1,441	80,248	606	1,266	6,936	247	11,404	62	13,911	40	58,317	6.8	12.8	15.5	65.0	
Smelting and refining, copper.....	28	18,628		7	433	19	4,343	12	10,832		2.9	27.8	69.3			
Smelting and refining, lead.....	26	7,424		156	1,663	3	187	16	4,949	4	2,251	6.0	2.2	66.5	30.5	
Sugar and molasses.....	214	4,129		150	1,463	62	2,298	2	393		25.4	55.7	8.9			
Tobacco manufactures.....	15,822	166,810	4,095	9,823	34,483	693	30,670	288	55,463	51	46,774	20.6	18.0	33.3	28.1	
Woolen, worsted, and felt goods, and wool hats.....	985	168,722	30	219	1,578	346	19,924	234	67,490	56	79,700	1.0	11.8	40.0	47.2	
All other industries.....	61,966	1,637,840	4,501	44,041	243,539	10,137	450,452	2,944	566,705	383	397,339					

In 17 of the 43 industries listed separately in the table, establishments employing from 1 to 100 wage earners reported more than one-half of the total number employed in each industry. In 5 of these industries, establishments employing from 101 to 500 wage earners reported more than one-half of the total number, while 8 establishments employing over 500 wage earners reported more than one-half of the total.

The highest proportion (76.7 per cent) of wage earners employed by establishments reporting an average of more than 500 was in the steel works and rolling mill branch of the iron and steel industry.

Table 28 shows, for 1909, for geographic divisions and states, the number of establishments and average number of wage earners, by groups, and the percentage of wage earners in each group, for these divisions and states.

Table 28

## ESTABLISHMENTS EMPLOYING—

DIVISION AND STATE.	TOTAL.		No wage earners.		1 to 20 wage earners.		21 to 100 wage earners.		101 to 500 wage earners.		Over 500 wage earners.		Per cent wage earners in establishments employing specified number of total.			
	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	1 to 100 wage earners.	101 to 500 wage earners.	101 to 500 wage earners.	Over 500 wage earners.
<b>United States.</b>	<b>268,491</b>	<b>6,615,946</b>	<b>27,712</b>	<b>193,487</b>	<b>952,487</b>	<b>34,508</b>	<b>1,546,706</b>	<b>11,021</b>	<b>2,265,096</b>	<b>1,763</b>	<b>1,850,747</b>	<b>14.4</b>	<b>23.4</b>	<b>34.2</b>	<b>28.0</b>	
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	25,351	1,101,299	2,132	17,116	91,068	4,012	185,104	3,032	742,938	392	453,279	8.3	16.6	33.0	42.1	
Middle Atlantic.....	81,315	2,207,747	8,918	35,764	291,378	12,427	356,007	3,632	742,938	574	617,969	13.2	25.1	33.6	28.0	
East North Central.....	60,013	1,515,764	7,274	42,252	192,201	7,411	340,201	2,147	540,955	429	470,740	12.7	22.5	35.7	29.1	
West North Central.....	27,171	374,337	3,667	20,787	78,209	2,051	90,275	574	117,981	92	87,872	20.9	24.1	31.5	25.5	
South Atlantic.....	28,088	688,013	1,169	21,271	118,853	8,834	169,719	1,155	142,864	159	142,864	18.0	25.2	36.4	21.5	
East South Central.....	15,384	261,772	911	12,270	62,682	1,710	74,579	447	89,188	43	35,323	23.9	28.5	34.0	13.5	
West South Central.....	12,339	204,529	1,028	9,645	49,180	1,262	55,546	373	74,471	31	27,223	24.1	26.2	36.5	13.3	
Mountain.....	5,254	75,456	677	4,079	16,775	300	16,222	119	25,388	19	16,449	22.3	21.5	34.8	21.8	
Pacific.....	13,579	213,166	1,426	10,303	52,069	1,421	63,003	305	79,186	24	18,908	24.4	29.5	37.1	8.9	
<b>NEW ENGLAND:</b>																
Maine.....	3,546	79,955	298	2,716	12,363	387	18,190	123	25,207	22	24,195	15.5	22.8	31.6	30.2	
New Hampshire.....	1,951	78,638	138	1,409	2,296	266	11,226	114	24,621	24	35,510	9.1	14.4	31.3	45.1	
Vermont.....	1,068	38,788	191	1,514	1,023	255	10,343	55	11,822	3	4,570	20.7	30.6	36.9	13.5	
Massachusetts.....	11,664	584,539	943	7,548	43,134	2,109	95,989	807	185,876	217	259,560	7.3	16.4	31.8	44.4	
Rhode Island.....	2,951	113,538	1,169	21,271	118,853	8,834	169,719	1,155	142,864	49	49,770	6.7	15.3	38.5	38.5	
Connecticut.....	4,251	210,792	444	2,733	14,301	664	29,904	445	70,917	83	68,470	6.8	14.2	33.6	45.4	
<b>MIDDLE ATLANTIC:</b>																
New York.....	44,963	1,003,981	4,627	31,323	169,732	7,107	307,812	1,637	321,831	201	204,936	16.0	30.7	32.1	20.4	
New Jersey.....	8,817	320,223	712	6,088	32,544	1,354	64,402	557	119,964	106	109,163	10.0	19.7	36.2	35.5	
Pennsylvania.....	27,553	877,543	3,539	18,333	89,192	3,966	186,736	1,438	300,898	267	303,750	10.1	21.0	34.2	28.4	
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	15,128	446,934	1,521	10,483	52,358	2,162	99,153	364	168,458	138	122,972	11.7	22.2	37.7	28.4	
Indiana.....	7,969	186,984	612	5,966	26,661	956	44,434	290	60,492	56	55,377	14.3	23.8	32.3	29.6	
Illinois.....	18,026	465,764	2,028	12,361	60,101	2,287	102,246	735	149,670	125	153,647	12.9	22.0	32.1	34.0	
Michigan.....	9,211	231,495	1,240	7,149	26,297	764	35,919	268	55,632	37	37,255	17.2	22.1	36.4	24.4	
Wisconsin.....	9,721	182,583	1,343	7,145	25,907	852	39,759	332	70,532	49	47,285	13.7	21.7	38.6	25.9	
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	5,561	84,767	603	4,352	16,648	448	20,696	131	26,990	27	21,433	19.6	23.8	31.4	21.3	
Iowa.....	5,328	61,635	643	4,340	16,072	443	19,412	62	18,843	10	7,309	26.0	31.5	30.6	6.8	
Missouri.....	7,829	152,963	1,123	6,183	26,297	764	35,919	268	55,632	37	37,255	17.2	22.1	36.4	24.4	
North Dakota.....	752	2,789	125	601	1,610	24	927	2	247	.....	.....	57.7	33.4	8.9	.....	
South Dakota.....	1,020	3,602	146	850	2,291	21	822	3	484	.....	.....	63.6	25.0	13.4	.....	
Nebraska.....	2,660	24,336	481	1,869	6,285	121	6,338	23	4,069	6	7,094	25.9	22.0	20.5	31.6	
Kansas.....	3,435	44,215	546	2,952	9,006	230	9,831	55	11,194	12	14,284	20.4	23.3	25.3	32.1	
<b>SOUTH ATLANTIC:</b>																
Delaware.....	726	21,238	46	534	3,222	101	4,216	38	6,807	7	6,993	15.1	19.9	32.1	32.9	
Maryland.....	4,837	107,921	504	3,538	18,623	596	26,259	169	34,176	30	28,847	17.2	24.3	31.7	26.7	
District of Columbia.....	918	7,707	73	391	1,827	83	1,927	8	1,547	.....	.....	65.8	26.1	41.0	26.0	
Virginia.....	5,665	106,676	270	4,089	23,491	562	25,250	138	27,112	26	27,563	24.2	24.1	25.7	26.1	
West Virginia.....	2,486	63,895	290	1,937	7,738	323	15,183	125	20,191	18	18,793	13.6	23.7	41.0	21.6	
North Carolina.....	4,951	121,473	171	3,852	21,667	654	30,288	232	47,018	122	25,145	21.9	25.2	36.0	19.9	
South Carolina.....	1,854	73,046	60	1,411	7,990	209	9,394	145	33,116	29	22,546	11.0	12.9	45.3	30.9	
Georgia.....	4,732	104,588	310	2,163	22,164	779	33,420	175	34,448	18	14,846	21.2	32.0	32.9	13.9	
Florida.....	2,159	57,473	112	1,387	6,949	947	14,744	108	21,035	8	4,553	16.9	37.8	36.6	8.6	
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	4,776	65,400	403	3,801	16,724	462	20,780	102	19,830	8	8,066	25.6	31.7	30.3	12.3	
Tennessee.....	4,609	73,840	309	3,679	18,617	471	21,121	143	26,248	10	7,604	25.5	28.8	33.7	10.3	
Alabama.....	2,310	13,143	262	1,949	7,039	88	8,462	10	1,888	12	11,998	15.5	24.8	44.0	15.8	
Mississippi.....	2,598	50,384	71	2,076	12,464	366	14,230	75	16,505	10	15,078	20.2	29.3	35.8	18.4	
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	2,925	44,982	109	2,368	12,493	308	12,843	73	14,087	7	5,559	27.8	28.6	31.3	12.3	
Louisiana.....	2,516	76,165	118	1,799	11,797	430	18,873	157	33,497	12	11,998	15.5	24.8	44.0	15.8	
Oklahoma.....	1,310	13,143	262	1,949	7,039	88	8,462	10	1,888	12	11,998	15.5	24.8	44.0	15.8	
Texas.....	4,588	70,230	479	3,529	17,931	430	18,873	133	24,999	11	9,012	25.5	26.1	33.6	12.9	
<b>MOUNTAIN:</b>																
Montana.....	677	11,655	92	513	2,000	52	2,286	17	3,854	3	3,515	17.1	19.6	33.1	30.2	
Idaho.....	725	8,220	36	617	2,462	41	1,786	8	1,614	3	2,418	29.3	21.7	19.6	29.4	
Wyoming.....	268	2,867	40	260	603	3	164	21	1,047	1	1,531	21.9	22.9	49.3	6.8	
Colorado.....	2,034	28,067	325	1,511	6,849	147	9,462	48	10,887	3	3,379	24.4	24.8	38.8	12.1	
New Mexico.....	313	4,143	31	256	1,003	17	756	8	1,701	1	683	24.2	18.3	41.1	16.5	
Arizona.....	311	6,441	36	245	949	16	786	12	3,172	2	1,843	14.6	12.2	49.3	24.0	
Utah.....	749	11,782	74	882	2,478	17	8,285	12	2,970	5	3,312	21.0	24.0	25.2	29.8	
Nevada.....	177	2,257	23	139	490	13	687	1	443	1	637	21.7	30.5	19.6	28.2	
<b>PACIFIC:</b>																
Washington.....	3,674	69,120	322	2,713	15,838	483	21,681	153	28,481	3	2,510	22.9	31.6	41.9	3.7	
Oregon.....	2,246	28,750	222	1,759	6,695	290	8,654	99	10,279	3	2,510	22.9	31.6	41.9	3.7	
California.....	7,609	115,296	882	5,831	29,516	738	32,228	100	39,976	18	14,576	24.7	27.9	34.6	12.7	

## DISTRIBUTION OF EXPENSES.

Expenses in leading industries.—As stated in the Introduction, the census does not purport to furnish figures that can be used for determining the total cost of manufacture and consequently the profits. Facts of interest can, however, be brought out concerning the relative importance of those classes of expenses which are reported. The following table shows in percentages the distribution of these expenses among the classes indicated, for all industries combined and for the 43 principal industries separately.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
<b>All industries</b> .....	<b>6.1</b>	<b>18.6</b>	<b>65.8</b>	<b>10.5</b>
Agricultural implements.....	8.6	24.3	51.1	16.0
Automobiles, including bodies and parts.....	4.5	23.1	62.9	9.9
Boots and shoes, including cut stock and findings.....	3.9	29.6	69.6	5.9
Brass and bronze products.....	4.5	17.4	72.6	6.0
Bread and other bakery products.....	4.0	17.0	69.9	8.9
Butter, cheese, and condensed milk.....	1.4	4.3	91.0	3.3
Canning and preserving.....	5.6	13.5	72.0	9.0
Carriages and wagons and materials.....	5.7	27.0	58.9	8.4
Cars and general shop construction and repairs by steam-railroad companies.....	4.3	44.7	49.2	1.8
Cars, steam-railroad, not including operations of railroad companies.....	4.3	23.0	66.7	6.0
Chemicals.....	6.5	15.0	68.2	10.3
Clothing, men's, including shirts.....	3.2	29.7	57.9	15.2
Clothing, women's.....	6.0	23.0	61.1	9.9
Confectionery.....	7.6	13.1	67.9	11.4
Copper, tin, and sheet-iron products.....	8.5	22.4	58.7	8.1
Cotton goods, including cotton small wares.....	2.6	24.0	65.9	6.5
Electrical machinery, apparatus, and supplies.....	10.0	24.5	53.8	11.7
Flour-mill and gristmill products.....	1.5	2.6	92.8	3.1
Foundry and machine-shop products.....	8.7	29.8	50.1	11.4
Furniture and refrigerators.....	7.3	30.8	51.0	10.9
Gas, illuminating and heating.....	10.9	18.4	46.2	24.5
Hosiery and knit goods.....	4.4	25.5	62.7	7.4
Iron and steel, blast furnaces.....	1.8	6.8	88.4	3.0
Iron and steel, steel works and rolling mills.....	2.9	15.3	73.9	4.8
Leather goods.....	7.2	19.3	64.6	8.9
Leather, tanned, curried, and finished.....	2.2	10.5	81.2	6.1
Liquors, distilled.....	1.0	1.6	18.4	79.0
Liquors, malt.....	7.6	13.7	32.2	46.5
Lumber and timber products.....	4.8	32.0	51.0	12.2
Marble and stone work.....	6.7	44.8	38.4	9.1
Oil, cottonseed, and cake.....	3.1	4.3	87.7	4.9
Paint and varnish.....	9.3	7.4	71.1	12.2
Paper and wood pulp.....	4.0	17.2	69.7	9.1
Patent medicines and compounds and druggists' preparations.....	14.9	8.7	44.1	32.4
Petroleum, refining.....	1.8	4.4	89.6	4.2
Printing and publishing.....	16.7	26.6	32.6	24.1
Silk and silk goods, including throwsters.....	4.2	21.8	60.8	13.2
Slaughtering and meat packing.....	1.5	2.9	91.3	3.3
Smelting and refining, copper.....	0.7	3.8	94.4	1.1
Smelting and refining, lead.....	0.9	3.4	94.8	0.9
Sugar and molasses, not including beet sugar.....	0.9	2.8	92.6	3.7
Tobacco manufactures.....	4.5	13.0	48.4	28.0
Woolen, worsted, and felt goods, and wool hats.....	2.6	18.7	72.9	3.8
All other industries.....	6.4	21.1	62.1	10.5

This table shows that, for all industries combined, 65.8 per cent of the total expenses reported were incurred for materials, 23.7 per cent for services (that is, salaries and wages), and 10.5 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries. The item of salaries takes on large proportions in such industries as the gas industry, the manufacture of patent medicines, and printing and publishing, which require a

large force of employees for accounting and collecting. The industries for which the highest percentages for wages are shown—in each case over 30 per cent—are marble and stone work, steam-railroad repair shops, the lumber and timber industry, and the furniture industry. The cost of materials constituted over 90 per cent of the expenses reported in the smelting and refining of copper and lead, flour and grist milling and the manufacture of sugar and molasses, slaughtering and meat packing, and the butter, cheese, and condensed-milk industry. Miscellaneous expenses, which are made up principally of rent, taxes, insurance, and advertising, are relatively largest in the distillery and brewery industries, the manufacture of patent medicines and compounds, and the tobacco-products industry, all of which are subject to internal-revenue taxes; they are also large in the gas and the printing and publishing industries.

Expenses, by states.—Table 30 shows, for each geographic division and each state, the per cent distribution in 1909 of the total expenses reported among the principal items.

The variation among the several divisions and states in the percentage of the total expenses which is represented by each class follows closely the variation in the character of the predominating industries. Thus the percentage of expenses incurred for materials is highest and that incurred for wages lowest in the West North Central division, this condition being due to the predominating importance in those states of the flour-milling and the slaughtering industries, in which materials contribute the greater part of the value of products. The proportion of expenses incurred for materials is also high in the Mountain division, on account of the influence of the smelting and refining industries. Wages represent the highest percentage of the total expenses, 23.7, in the New England division, where the textile and other highly elaborate industries predominate.

Among the individual states the highest percentage for materials is shown for Kansas and the next highest for Nebraska, while this percentage is lowest in Florida; the highest percentages for wages are shown for Wyoming, New Mexico, and Florida, in the order named. Among the great manufacturing states of the East and North there is no very great variation in the distribution of expenses among the various items. Of the 10 most important manufacturing states, Massachusetts has the highest proportion for wages and is among the lowest for miscellaneous expenses.

The exceptionally high percentage for miscellaneous expenses in Kentucky, 25.8, is due to the importance there of the distillery industry, in the miscellaneous expenses of which are included very large sums paid as internal-revenue tax.

Table 30	PER CENT OF TOTAL EXPENSES REPORTED.				PER CENT OF TOTAL EXPENSES REPORTED.				
	DIVISION AND STATE.				DIVISION AND STATE.				
	Salaries.	Wages.	Materials.	Miscellaneous expenses.	Salaries.	Wages.	Materials.	Miscellaneous expenses.	
<b>United States.....</b>	<b>5.1</b>	<b>18.6</b>	<b>65.8</b>	<b>10.5</b>					
<b>GEOGRAPHIC DIVISIONS:</b>									
New England.....	4.8	23.7	62.6	8.9	SOUTH ATLANTIC:				
Middle Atlantic.....	5.4	18.6	65.3	10.8	Delaware.....	4.9	21.9	65.9	7.2
East North Central.....	6.4	17.8	65.1	11.7	Maryland.....	4.8	15.9	69.6	9.7
West North Central.....	4.2	12.4	71.1	12.3	District of Columbia.....	9.0	24.4	50.0	16.6
South Atlantic.....	4.7	20.1	64.9	10.3	Virginia.....	4.5	18.4	64.0	11.9
East South Central.....	5.2	18.3	60.2	16.2	West Virginia.....	3.9	22.8	64.2	9.0
West South Central.....	4.5	17.4	68.1	9.9	North Carolina.....	2.7	18.4	63.4	12.5
Mountain.....	3.9	17.8	71.6	6.7	South Carolina.....	3.9	20.9	68.1	7.1
Pacific.....	4.9	20.4	63.4	9.3	Georgia.....	5.1	19.8	66.4	8.7
					Florida.....	7.8	36.4	41.3	14.5
<b>NEW ENGLANDS:</b>					<b>EAST SOUTH CENTRAL:</b>				
Maine.....	3.7	24.3	62.7	9.2	Kentucky.....	4.8	13.9	53.6	25.8
New Hampshire.....	2.8	24.3	65.8	7.1	Tennessee.....	5.8	17.8	65.4	11.0
Vermont.....	4.7	28.9	38.2	8.3	Alabama.....	5.1	21.1	61.6	9.2
Massachusetts.....	4.8	22.8	62.9	9.5	Mississippi.....	5.3	27.3	53.7	13.6
Rhode Island.....	4.4	22.8	65.3	7.5					
Connecticut.....	6.0	25.6	59.8	8.6	<b>WEST SOUTH CENTRAL:</b>				
<b>MIDDLE ATLANTIC:</b>					Arkansas.....	5.3	22.5	53.9	11.3
New York.....	6.2	18.7	62.2	12.9	Louisiana.....	4.4	16.4	66.1	13.1
New Jersey.....	4.7	16.4	69.7	9.2	Oklahoma.....	4.3	15.3	72.3	8.0
Pennsylvania.....	4.7	19.3	67.2	8.8	Texas.....	4.4	15.5	72.8	7.3
<b>EAST NORTH CENTRAL:</b>					<b>MOUNTAIN:</b>				
Ohio.....	5.6	19.1	64.2	11.0	Montana.....	3.1	16.3	73.6	7.0
Indiana.....	5.0	18.2	63.7	13.1	Idaho.....	5.2	29.1	32.5	13.2
Illinois.....	5.5	15.8	67.0	12.0	Wyoming.....	5.6	37.2	46.6	10.6
Michigan.....	5.9	20.1	62.3	11.6	Colorado.....	4.9	17.4	70.2	7.5
Wisconsin.....	4.9	17.9	65.9	11.4	New Mexico.....	3.8	36.8	46.3	11.5
<b>WEST NORTH CENTRAL:</b>					Arizona.....	1.9	13.4	81.7	3.0
Minnesota.....	4.1	12.6	74.9	8.4	Utah.....	3.6	15.5	76.1	4.8
Iowa.....	4.7	13.9	73.2	8.2	Nevada.....	3.4	17.9	75.5	3.2
Missouri.....	5.6	15.5	67.9	11.1	<b>PACIFIC:</b>				
North Dakota.....	3.5	10.3	79.1	8.9	Washington.....	5.0	25.4	66.1	9.6
South Dakota.....	3.9	14.6	72.7	8.9	Oregon.....	4.9	24.2	61.6	9.3
Nebraska.....	3.0	7.6	82.3	7.1	California.....	4.8	17.7	68.3	9.2
Kansas.....	2.4	8.5	84.7	4.4					

## ENGINES AND POWER.

Summary for United States: 1909, 1904, and 1899.—The following table shows for all industries combined the number of engines or motors employed by manufacturing concerns and their horsepower at the censuses of 1909, 1904, and 1899. The figures for the total primary power used exclude duplications and represent the primary power of engines, water wheels, etc., owned by the manufacturing establishments

themselves plus the electric or other power rented from outside concerns. A separate presentation is made of the number and horsepower of electric motors operated by current generated within the establishments, which, of course, as it represents secondary power, is not included in the totals. This item plus the electric power rented makes up the total for electric power, which is shown separately.

Table 31	POWER.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.					
	NUMBER OF ENGINES OR MOTORS.			1909			1904			1899		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
<b>Primary power, total.....</b>	<b>408,472</b>	<b>231,363</b>	<b>168,143</b>	<b>18,675,376</b>	<b>13,487,707</b>	<b>10,097,893</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owned.....	209,163	169,774	168,143	16,802,706	12,854,805	9,778,418	90.0	95.3	96.8			
Steam.....	133,525	127,297	130,710	14,199,339	10,825,348	8,139,579	76.0	80.3	86.6			
Gas.....	34,548	21,512	14,351	1,935,186	289,528	134,742	4.0	2.1	1.3			
Water wheels.....	20,079	19,595	22,699	1,807,439	1,641,949	1,454,112	9.7	12.2	14.4			
Water motors.....	1,203	1,397	( <sup>1</sup> )	15,449	5,831	( <sup>1</sup> )	0.1	( <sup>1</sup> )	( <sup>1</sup> )			
Other.....				29,263	92,154	49,985	0.2	0.7	0.5			
Rented.....	199,309	61,589	( <sup>1</sup> )	1,872,670	632,902	319,475	10.0	4.7	3.2			
Electric.....	199,309	61,589	( <sup>1</sup> )	1,749,031	441,589	182,562	9.4	3.3	1.8			
Other.....				123,639	191,313	136,913	0.7	1.4	1.4			
<b>Electric motors.....</b>	<b>388,854</b>	<b>134,708</b>	<b>16,891</b>	<b>4,817,140</b>	<b>1,582,475</b>	<b>492,536</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>			
Run by current generated by establishment.....	189,545	73,119	16,891	3,068,109	1,150,886	310,374	63.7	72.3	63.0			
Run by rented power.....	199,309	61,589	( <sup>1</sup> )	1,749,031	441,589	182,562	36.3	27.7	37.0			

<sup>1</sup> Not reported.<sup>2</sup> Less than one-tenth of 1 per cent.

The total horsepower of manufacturing establishments was 18,675,376 in 1909, as compared with 13,487,707 in 1904 and 10,097,893 in 1899. In 1909, 90 per cent of the horsepower was that of engines or

motors owned by the manufacturing establishments themselves, and 10 per cent was rented power, mostly electric. Especially striking is the increase in the use of gas engines and of electric power, both that rented

from outside concerns and that generated by the manufacturing concerns themselves. The total horsepower of electric motors in 1899, including both those operated by purchased current and those operated by current generated in the establishment, was 492,936; in 1909 it was 4,817,140, or nearly ten times as great. The practice of renting electric power is rapidly becoming more common among small establishments and even among large establishments, while the large concerns more and more tend to use electric motors

for the purpose of applying the power which they themselves generate.

The amount of water power owned by manufacturing establishments shows only a comparatively moderate rate of increase during the decade, but not a little of the electric power rented by manufacturers is generated in the first instance by utilizing water power.

**Horsepower, by leading industries.**—The following table shows, for the 43 leading industries, the amount of each of the several kinds of power used in 1909:

INDUSTRY.	Total horsepower (excluding duplication).	OWNED BY ESTABLISHMENTS REPORTING—					RENTED.		ELECTRIC MOTORS.	
		Steam engines.	Gas engines.	Water wheels.	Water motors.	Other.	Electric motors.	Other.	Total. <sup>1</sup>	Run by current generated by establishment.
<b>All industries.....</b>	<b>18,675,376</b>	<b>14,189,338</b>	<b>751,186</b>	<b>1,807,439</b>	<b>15,449</b>	<b>29,293</b>	<b>1,749,031</b>	<b>123,639</b>	<b>4,817,140</b>	<b>3,068,109</b>
Agricultural implements.....	100,601	71,394	4,433	8,387	3	5,000	15,684	200	38,905	23,221
Automobiles, including bodies and parts.....	75,550	39,325	7,000	287	.....	.....	27,641	1,297	41,829	14,188
Boots and shoes, including cut stock and findings.....	96,303	69,772	3,333	2,798	17	.....	17,381	11,862	32,381	15,000
Brass and bronze products.....	106,120	78,101	4,800	3,370	4	.....	18,309	1,356	32,462	16,463
Bread and other bakery products.....	65,298	25,506	8,166	251	83	3	31,160	129	39,795	8,635
Butter, cheese, and condensed milk.....	101,349	90,802	3,373	1,403	62	131	5,366	212	8,276	2,910
Canning and preserving.....	81,179	70,362	4,519	364	34	30	5,469	401	8,728	3,259
Carrriages and wagons and material.....	126,032	82,911	15,120	4,004	63	17	24,969	348	39,424	14,435
Cars and general shop construction and repairs by steam-railroad companies.....	293,361	254,942	3,140	138	312	898	33,786	145	161,288	127,502
Cars, steam-railroad, not including operations of railroad companies.....	97,797	89,123	1,145	370	.....	700	6,486	.....	61,000	54,604
Chemicals.....	308,604	103,273	1,147	10,913	153	215	92,057	846	156,699	64,642
Clothing, men's, including shirts.....	42,725	16,003	5,259	1,555	45	6	18,816	1,261	22,894	4,078
Clothing, women's.....	22,294	4,112	1,958	190	15	.....	15,175	843	16,083	910
Confectionery.....	35,870	25,090	1,408	.....	8	12	8,607	745	16,983	8,276
Copper, tin, and sheet-iron products.....	62,366	34,660	5,772	416	4	.....	17,888	821	30,771	12,573
Cotton goods, including cotton small wares.....	1,296,517	869,838	2,812	302,288	736	7,363	108,512	4,968	255,902	127,390
Electrical machinery, apparatus, and supplies.....	185,658	99,883	6,733	1,078	26	14	50,945	959	104,549	114,695
Flour-mill and gristmill products.....	833,584	473,363	62,681	259,138	4,993	208	49,901	3,309	67,066	17,165
Foundry and machine-shop products.....	869,305	546,296	96,966	18,341	361	2,754	192,977	11,700	623,914	459,827
Furniture and refrigerators.....	221,431	184,425	5,405	165	105	612	30,429	3,316	45,222	22,832
Gas, illuminating and heating.....	128,350	115,322	7,128	2,755	59	182	2,222	171	17,336	14,613
Hosiery and knit goods.....	103,709	74,560	1,235	12,015	23	200	18,865	2,990	26,483	12,109
Iron and steel, blast furnaces.....	1,173,422	1,033,033	125,230	294	15	.....	14,850	.....	135,143	120,293
Iron and steel, steel works and rolling mills.....	2,100,978	1,953,245	79,381	5,839	36	1,500	58,792	115	716,699	657,512
Leather goods.....	18,148	10,025	1,381	1,337	.....	.....	14,946	420	16,638	1,717
Leather, tanned, curried, and finished.....	148,140	131,311	7,231	1,546	10	140	6,487	1,415	25,919	23,432
Liquors, distilled.....	46,120	4,623	321	252	.....	.....	10,708	66	3,786	610
Liquors, malt.....	247,726	230,793	1,261	116	224	1,065	14,190	166	66,519	52,329
Lumber and timber products.....	2,940,982	2,987,487	38,628	139,332	1,111	836	62,290	10,428	133,767	68,507
Marble and stone work.....	187,686	132,236	10,874	9,451	167	241	32,662	2,655	53,748	21,686
Oil, cottonseed, and cake.....	192,342	183,440	1,674	125	50	189	6,294	470	10,855	4,461
Paint and varnish.....	56,162	42,166	3,260	2,004	2	25	7,814	891	17,037	9,223
Paper and wood pulp.....	1,304,265	469,089	6,675	785,961	2,185	275	28,610	1,470	130,120	91,510
Patent medicines and compounds and druggists' preparations.....	25,659	16,058	1,712	250	14	121	6,882	742	11,175	4,293
Petroleum, refining.....	90,268	83,707	5,870	.....	.....	378	28	285	8,808	8,780
Printing and publishing.....	297,763	59,240	32,152	600	1,720	94	197,692	6,265	229,212	31,620
Silk and silk goods, including throwsters.....	97,947	72,059	1,277	8,383	.....	.....	10,354	5,874	23,758	13,044
Slaughtering and meat packing.....	298,707	190,636	2,208	30	16	30	15,047	740	78,677	63,630
Smelting and refining, copper.....	158,126	114,862	1,107	12,725	.....	.....	29,413	.....	55,229	25,116
Smelting and refining, lead.....	26,954	23,090	35	.....	.....	.....	3,829	.....	12,166	8,337
Sugar and molasses, not including beet sugar.....	160,603	158,682	395	.....	.....	210	1,816	.....	18,730	17,414
Tobacco manufactures.....	28,514	21,929	795	243	2	7	5,367	171	11,203	5,836
Wagon, wretched, and felt goods, and wool hals.....	362,343	261,364	2,077	78,909	241	19	18,783	7,755	79,223	65,449
<b>All other industries.....</b>	<b>3,446,423</b>	<b>2,865,393</b>	<b>172,339</b>	<b>129,838</b>	<b>2,459</b>	<b>10,163</b>	<b>431,834</b>	<b>38,532</b>	<b>1,088,678</b>	<b>634,114</b>

<sup>1</sup> Includes the horsepower of motors run by rented current and also of those run by current generated by the establishment.

This table shows very wide differences among the industries with respect to the relative importance of the several kinds of power. These differences are due partly to differences in the geographic location of the industries, which affect the character of power available, and partly to differences in the character of machinery used, which affect the adaptability of the different kinds of power.

The power developed by the use of gas engines represents a larger proportion of the total power employed in establishments engaged in the manu-

facture of carriages and wagons, flour mills and grist-mills, foundries and machine shops, blast furnaces, steel works and rolling mills, lumber mills, and printing and publishing establishments than in any of the other industries listed. The largest absolute amount of power derived from gas engines is reported for the blast furnaces, and the next largest for the foundries and machine shops.

A very large proportion of the total power derived from water wheels is used in four industries, namely, the manufacture of cotton goods, flour mills and grist-

mills, the lumber and timber products industry, and the manufacture of paper and wood pulp. In the last-mentioned industry the horsepower developed by water wheels amounts to 785,961, about 60 per cent of the total power used in that industry.

The extent to which electric motors are utilized in applying the power employed varies considerably in the different industries. In a considerable number of industries the electric power, including that generated by the manufacturing establishments themselves and that rented from other concerns, is equal to more than one-half of the total primary power. These industries are the manufacture of automobiles, bread and other bakery products, the construction of steam-railroad cars, the repair shops of steam-railroad companies, the chemical industry, the making of men's and of women's clothing, the manufacture of electrical machinery, apparatus, and supplies, the foundry and machine-shop industry, the manufacture of leather goods, and the printing and publishing industry. In the electrical-machinery industry the horsepower of electric motors installed is greater than the total primary power; this may be accounted for by reason of the provision of motors for the operation of machinery which is not in constant use. The largest absolute amount of electric power is reported by the steel works and rolling mills, and the next largest, by the foundries and machine shops. In the former the electric power is equal to a little over one-third of the total amount of primary power and in the latter to nearly three-fourths.

**Horsepower, by states: 1909.**—Table 33 shows, by states grouped according to geographic divisions, the amount of each of the several kinds of power used in manufacturing industries in 1909.

The rank of the states with respect to the amount of power used in manufacturing industries is somewhat different from that with respect to value of products and other leading items in the statistics of manufactures. Although New York ranks first among the states in most of the leading items, Pennsylvania outranks it in respect to the amount of power used in manufacturing industries. New York stands second, Ohio third, Massachusetts fourth, and Illinois fifth. The relative total amount of power used is largely dependent upon the character of the industries predominant in each division or state. The relative extent to which the different kinds of power are used in the several divisions and states is also dependent in part upon the character of the industries and in part upon the situation of each state with reference to supplies of coal, petroleum, and gas, and with reference to the availability of water power.

In every division—in fact in every state, except Maine and Vermont—steam engines are the most important source of power. The proportion which power generated by gas engines represents of the total power

is larger in the East North Central division than in any other division, partly on account of the proximity of gas wells. The Middle Atlantic states rank next in the proportion of the total power which is developed by gas engines. With respect to power obtained from water wheels owned by the manufacturing establishments, New England ranks far ahead of the other divisions both in the absolute amount of power and in the proportion which water power represents of the total. More than two-fifths of the total power derived from water wheels owned by manufacturing establishments is found in New England, and more than one-fourth of the total power utilized by the factories of New England is derived from water wheels. The Middle Atlantic division ranks next in this respect. The largest absolute amounts of power utilized by means of electric motors (including both those operated by purchased current and those operated by current generated in the establishment) are reported from the Middle Atlantic division, the East North Central division, and New England, in the order named, and in these three divisions also the proportion which electric power represents of the total is unusually large, no very great difference appearing among the three divisions in this respect. The proportion of electric power is also high in the Mountain, Pacific, and West North Central divisions.

The individual states which lead in the use of gas engines to develop power are Pennsylvania, Indiana, Ohio, New York, Illinois, Kansas, and New Jersey, in the order named. The absolute amount of power of this character is greatest in Pennsylvania, and the proportion which such power represents of the total power used is greatest in Indiana. The power derived from water wheels owned by manufacturing establishments is greater in New York than in any other state, but the proportion which such power represents of the total power is greatest in Maine. Other leading states in respect to the absolute amount of such water power are Massachusetts, Wisconsin, New Hampshire, Vermont, Connecticut, Minnesota, Pennsylvania, Oregon, Virginia, North Carolina, and Michigan; the leading states in respect to the proportion which it represents of the total power are Vermont, New Hampshire, Oregon, Wisconsin, New York, Minnesota, Connecticut, Massachusetts, Virginia, and Montana.

In the absolute amount of electric power utilized for manufacturing, Pennsylvania leads and is followed by New York, Ohio, Massachusetts, Illinois, Indiana, and New Jersey, in the order named. With respect to the proportion which electric power represents of the total Nevada ranks first, and is followed by California, Utah, Illinois, New York, Montana, Arizona, Indiana, and Massachusetts in the order named. In Nevada the power of electric motors forms 54.1 per cent and in California 40.3 per cent of the total power reported for these states.

Table 33

DIVISION AND STATE.	Total horsepower (excluding duplication).	OWNED BY ESTABLISHMENTS REPORTING—					RENTED.		ELECTRIC MOTORS.	
		Steam engines.	Gas engines.	Water wheels.	Water motors.	Other.	Electric motors.	Other.	Total. <sup>1</sup>	Run by current generated by establishment.
United States.....	18,675,376	14,199,339	751,186	1,807,439	15,449	29,293	1,749,031	123,639	4,817,140	3,068,109
GEOGRAPHIC DIVISIONS: *										
New England.....	2,715,121	1,656,911	41,801	753,920	3,412	2,055	218,642	38,380	663,143	444,501
Middle Atlantic.....	5,531,502	4,151,662	274,274	466,541	3,947	11,736	568,723	54,619	1,737,236	1,168,513
East North Central.....	4,382,070	3,491,418	283,450	206,393	2,648	4,766	375,876	18,119	1,297,447	621,571
West North Central.....	1,101,990	838,988	57,434	82,791	3,329	939	115,002	3,297	266,534	153,538
South Atlantic.....	1,832,001	1,431,423	36,441	182,076	1,082	5,321	171,146	4,512	343,303	172,247
East South Central.....	1,036,560	953,511	12,270	29,400	275	1,690	38,580	1,194	108,409	69,829
West South Central.....	873,350	805,640	29,291	3,000	48	2,513	31,807	991	78,883	47,686
Mountain.....	400,756	306,786	4,188	21,345	198	224	66,556	1,069	113,984	47,028
Pacific.....	802,016	563,000	12,007	62,273	900	49	162,299	1,458	208,101	45,802
NEW ENGLAND:										
Maine.....	459,590	168,590	3,933	256,480	1,912	179	37,393	1,297	54,256	27,063
New Hampshire.....	293,991	139,128	1,238	127,490	521	30	21,209	4,375	45,351	24,142
Vermont.....	159,445	64,252	2,160	78,881	181	415	12,917	639	21,233	8,316
Massachusetts.....	1,175,071	834,701	18,326	185,906	529	895	109,906	24,637	402,462	292,496
Rhode Island.....	226,740	175,293	3,300	31,375	41	39	13,697	2,994	42,130	28,433
Connecticut.....	460,275	274,942	12,844	73,607	237	97	33,620	4,438	97,621	64,651
MIDDLE ATLANTIC:										
New York.....	1,997,662	1,060,877	99,899	394,221	1,397	3,583	389,945	27,740	689,976	300,031
New Jersey.....	612,293	529,568	29,867	18,568	1,118	180	33,157	8,745	182,475	149,318
Pennsylvania.....	2,921,547	2,541,117	153,508	53,762	1,432	7,973	145,621	18,134	864,785	719,130
EAST NORTH CENTRAL:										
Ohio.....	1,583,155	1,362,134	163,801	15,777	330	1,586	93,592	5,935	417,844	324,252
Indiana.....	633,377	448,528	169,105	7,446	447	599	65,548	1,704	233,103	167,645
Illinois.....	1,013,071	838,199	37,025	12,178	513	1,433	117,007	6,716	398,621	281,614
Michigan.....	598,258	465,520	13,988	41,442	577	16	74,270	2,475	133,064	58,794
Wisconsin.....	554,179	377,007	19,531	129,550	181	1,132	25,459	1,289	114,725	89,266
WEST NORTH CENTRAL:										
Minnesota.....	297,670	199,777	7,174	56,631	2,939	25	30,297	827	52,212	21,915
Iowa.....	155,384	121,882	8,025	6,326	85	147	18,463	456	40,736	22,273
Missouri.....	340,467	280,489	11,159	3,532	296	5	44,056	1,020	105,941	62,885
North Dakota.....	13,196	10,170	1,304	539	.....	.....	1,164	28	1,698	504
South Dakota.....	17,666	12,257	2,784	927	12	.....	1,683	3	2,084	401
Nebraska.....	64,466	44,806	4,408	7,361	75	76	7,530	210	15,942	8,412
Kansas.....	213,141	169,607	22,580	7,484	222	686	11,809	753	46,921	35,112
SOUTH ATLANTIC:										
Delaware.....	52,779	42,256	766	5,183	12	.....	4,922	50	17,910	13,468
Maryland.....	218,244	181,326	5,736	11,953	121	1,609	17,108	931	44,921	27,813
District of Columbia.....	16,463	12,169	1,073	775	.....	.....	43	2,433	70	4,827
Virginia.....	283,928	221,303	3,664	45,122	33	38	13,356	412	42,943	28,687
West Virginia.....	217,496	184,591	16,705	10,546	71	.....	5,330	253	28,543	23,213
North Carolina.....	378,556	271,944	2,356	41,619	367	1,035	69,944	1,231	86,002	55,688
South Carolina.....	276,378	190,052	1,264	38,422	75	2,490	41,180	35	67,620	26,490
Georgia.....	298,241	240,264	3,380	28,288	400	536	23,800	1,423	44,254	20,740
Florida.....	89,810	84,508	1,497	168	3	209	3,353	87	7,563	4,210
EAST SOUTH CENTRAL:										
Kentucky.....	230,234	207,591	4,734	5,320	57	915	11,314	303	31,268	19,954
Tennessee.....	242,277	215,338	1,833	9,470	107	4	14,666	639	29,586	14,920
Alabama.....	357,837	328,275	4,616	13,812	111	732	10,104	187	39,928	29,824
Mississippi.....	265,222	202,307	1,977	238	.....	39	2,466	68	7,627	5,131
WEST SOUTH CENTRAL:										
Arkansas.....	173,088	168,152	1,374	639	35	52	2,581	255	7,417	4,836
Louisiana.....	346,552	331,370	3,496	65	10	2,401	9,077	233	27,139	18,062
Oklahoma.....	71,139	56,643	8,676	470	2	.....	5,281	67	7,887	2,606
Texas.....	282,471	249,475	15,745	1,886	1	60	14,868	436	36,450	21,982
MOUNTAIN:										
Montana.....	90,402	49,654	223	13,583	63	.....	26,504	375	27,301	797
Idaho.....	42,304	35,529	242	2,403	4	.....	4,605	29	8,409	3,803
Wyoming.....	7,628	6,467	182	456	9	.....	514	.....	801	287
Colorado.....	154,615	135,645	1,464	1,377	49	105	15,874	101	35,944	20,070
New Mexico.....	15,465	11,781	365	74	.....	.....	3,245	.....	4,586	1,341
Arizona.....	39,140	34,193	1,285	129	.....	19	3,214	200	15,100	11,786
Utah.....	42,947	28,984	226	2,926	71	100	10,992	48	15,402	4,810
Nevada.....	7,765	4,533	201	397	2	.....	2,307	325	6,441	4,134
PACIFIC:										
Washington.....	297,897	257,230	1,494	7,842	223	19	30,951	138	43,615	12,664
Oregon.....	175,019	112,244	428	47,941	397	.....	14,811	98	20,802	5,991
California.....	329,100	190,526	10,115	7,390	280	30	116,337	1,222	143,684	27,147

<sup>1</sup> Includes the horsepower of motors run by rented current and also of those run by current generated by the establishment.

## SUPPLEMENTARY DATA REGARDING IMPORTANT INDUSTRIES.

(With statistics for laundries and custom sawmills and gristmills.)

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and value of materials and products and other information for securing which no provision is made on the general schedule. Data of this character are here presented for a number of important industries. As far as possible the statistics are grouped according to the character of the finished products. The statistics in each table relate to the United States as a whole, not including Alaska, Hawaii, Porto Rico, or other outlying possessions.

## FOOD AND KINDRED PRODUCTS.

**Butter, cheese, and condensed milk.**—The following table presents statistics for the butter, cheese, and condensed-milk industry. The figures cover only the manufacture of the factory products. The statistics for this class of products made on farms are not avail-

able for 1909; in 1899, however, 1,071,626,056 pounds of butter and 16,372,318 pounds of cheese were made on farms, of which 518,042,767 pounds of butter and 14,692,542 pounds of cheese were sold.

The value of the factory products of this industry more than doubled during the period 1899-1909. Condensed milk, for which the ratio of increase was highest, nearly trebled in value, while butter more than doubled. Since 1899 the increase in prices has been quite pronounced in this industry, as shown by the fact that the butter product increased 113.5 per cent in value and only 48.7 per cent in quantity, and the output of cheese 63 per cent in value and only 10.3 per cent in quantity. As shown by the note to the table, considerable quantities of butter, cheese, and condensed milk were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

Table 31

	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
<b>Total cost.....</b>	<b>\$235,546,064</b>	<b>\$142,920,277</b>	<b>\$108,841,200</b>	<b>Cheese—Continued.</b>			
Milk:				Skimmed—			
Pounds.....	9,888,727,303	12,147,304,550	11,678,082,821	Pounds.....	7,770,812	3,459,382	(1)
Cost.....	\$118,675,613	\$99,729,745	\$91,256,436	Value.....	\$429,819	\$148,568	(1)
Cream:				Other kinds—			
Pounds.....	1,406,143,908	588,186,471	203,673,958	Pounds.....	5,441,730	74,032,656	56,196,219
Cost.....	\$95,025,507	\$28,371,040	\$8,154,068	Value.....	\$805,322	\$6,438,339	\$5,156,352
Skimmed milk:				Condensed milk:			
Pounds.....	36,974,760	36,071,335	(1)	Pounds.....	494,796,544	308,485,182	186,921,787
Cost.....	\$110,469	\$99,398	(1)	Value.....	\$33,563,129	\$20,149,282	\$11,888,792
Sugar:				Sweetened—			
Pounds.....	78,457,978	67,810,031	50,873,859	Pounds.....	214,518,310	198,355,189	(1)
Cost.....	\$3,674,174	\$3,315,892	\$2,569,087	Value.....	\$17,345,278	\$13,478,376	(1)
All other materials.....	\$18,060,301	\$11,444,202	\$6,841,009	Unsweetened—			
				Pounds.....	280,278,234	110,129,993	(1)
				Value.....	\$16,217,851	\$9,670,906	(1)
<b>PRODUCTS.</b>				Cream sold:			
<b>Total value.....</b>	<b>\$274,557,718</b>	<b>\$168,182,789</b>	<b>\$130,783,349</b>	Pounds.....	81,211,374	28,131,914	61,764,552
Butter:				Value.....	\$9,828,972	\$2,364,497	\$4,435,444
Pounds.....	624,764,633	531,478,141	420,126,546	Skimmed milk sold:			
Value.....	\$179,510,619	\$113,189,433	\$84,679,754	Pounds.....	332,594,574	1,161,414,457	2,233,494,156
Packed solid—				Value.....	\$629,135	\$1,368,738	\$2,531,460
Pounds.....	410,692,616	364,432,996	328,956,500	Cases dried from skimmed milk:			
Value.....	\$115,098,056	\$74,483,306	\$53,961,893	Pounds.....	13,018,298	11,881,874	12,299,405
Prints and rolls—				Value.....	\$795,544	\$554,099	\$383,581
Pounds.....	214,072,037	167,045,145	91,169,956	All other products.....	\$6,990,395	\$1,945,050	\$944,489
Value.....	\$64,412,563	\$38,706,147	\$20,117,861				
Cheese:				<b>EQUIPMENT.</b>			
Pounds.....	311,126,317	317,144,872	281,072,324	Cream separators, number.....	5,624	8,842	9,701
Value.....	\$45,259,994	\$28,611,760	\$26,519,829				
Full cream—							
Pounds.....	287,110,383						
Value.....	\$40,817,073						
Part cream—							
Pounds.....	10,803,392	239,682,634	225,776,105				
Value.....	\$1,188,000	\$22,624,853	\$21,963,477				

<sup>1</sup> Not reported separately.

<sup>2</sup> In addition, 2,381,212 pounds of butter, to the value of \$664,171; 49,413 pounds of part cream cheese, to the value of \$5,745; 401,300 pounds of condensed milk, to the value of \$24,678; and other dairy products to the value of \$25,388 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> In addition, 1,971,120 pounds of butter, to the value of \$448,729, and other dairy products to the value of \$71,588 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

**Canning and preserving.**—Table 35 includes statistics for establishments engaged in the various branches of the canning industry and also for those manufacturing pickles, preserves, and sauces. The table does not include meats and other products canned in slaughtering and meat-packing establishments (see Table 38).

The total value of all classes of products of canning and preserving establishments in 1909 was \$157,101,201 and in 1899, \$99,335,464, the increase for the decade being 58.2 per cent.

Of the two groups of products listed separately in the table, fruits and vegetables show the largest ratio of increase in value from 1899 to 1909, 88.3

per cent. Fish and oysters show an increase of 47 per cent.

The statistics for dried fruits cover the product of fruit drying and packing establishments which buy the fruit or do drying and packing for others, and of cooperative associations, but do not include fruits dried by the grower on the farm. The bulk of the product is from California, the value of the factory dried-fruit product of that state in 1909 being \$16,137,716, or 81.3 per cent of the total value of this class of products.

Table 35	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$167,101,201</b>	<b>\$130,465,976</b>	<b>\$99,335,464</b>
	<i>Fruits and vegetables.</i>			
	<b>Value</b> .....	<b>\$84,347,783</b>	<b>\$72,995,766</b>	<b>\$44,802,808</b>
Canned vegetables	Cases.....	32,752,469	29,579,616	19,323,730
	Value.....	\$51,568,914	\$45,610,993	\$28,774,598
Tomatoes	Cases.....	12,909,986	9,411,084	8,700,538
	Value.....	\$18,747,941	\$14,020,840	\$13,666,560
Corn	Cases.....	7,451,295	11,299,597	6,336,984
	Value.....	\$10,332,136	\$15,922,386	\$8,191,383
Peas	Cases.....	5,901,703	4,694,492	2,543,722
	Value.....	\$10,247,363	\$7,928,791	\$4,465,673
Beans	Cases.....	3,392,864	2,588,015	1,493,517
	Value.....	\$6,013,098	\$4,133,810	\$2,025,123
Asparagus	Cases.....	228,550	(*)	(*)
	Value.....	\$4,775,775	(*)	(*)
Pumpkins	Cases.....	440,303	246,557	138,078
	Value.....	\$376,043	\$346,497	\$302,404
Sweet potatoes	Cases.....	347,285	192,997	83,526
	Value.....	\$331,651	\$284,383	\$124,248
All other	Cases.....	2,080,503	1,236,874	27,365
	Value.....	\$3,144,997	\$2,944,278	\$59,210
Canned fruits	Cases.....	5,501,494	4,628,241	4,467,817
	Value.....	\$12,868,474	\$11,722,979	\$11,311,062
Peaches	Cases.....	1,467,213	1,394,867	1,449,536
	Value.....	\$5,783,698	\$5,966,441	\$4,288,168
Apples	Cases.....	1,208,724	480,341	645,762
	Value.....	\$1,898,720	\$788,013	\$1,128,119
Apricots	Cases.....	630,185	539,515	531,648
	Value.....	\$1,825,311	\$1,641,919	\$1,583,232
Pears	Cases.....	637,782	780,120	672,453
	Value.....	\$1,833,214	\$2,192,910	\$2,188,301
Berries	Cases.....	815,851	489,637	600,419
	Value.....	\$1,754,927	\$1,068,659	\$1,092,975
Cherries	Cases.....	390,251	319,250	114,367
	Value.....	\$1,019,013	\$825,522	\$307,788
All other	Cases.....	354,280	695,111	453,780
	Value.....	\$853,591	\$1,363,515	\$730,562
Dried fruits	Pounds.....	400,328,767	343,579,623	83,429,406
	Value.....	\$19,840,365	\$15,664,784	\$4,757,005
Raisins	Pounds.....	111,774,767	121,409,881	14,984,221
	Value.....	\$4,837,933	\$6,349,281	\$1,062,268
Figs	Pounds.....	138,498,490	117,808,181	25,413,703
	Value.....	\$5,130,412	\$3,299,628	\$970,927
Apples	Pounds.....	44,568,244	40,737,089	33,212,369
	Value.....	\$3,908,695	\$1,758,610	\$1,906,642
Peaches	Pounds.....	46,843,391	25,861,074	5,662,390
	Value.....	\$2,423,063	\$1,702,205	\$312,495
Apricots	Pounds.....	29,205,559	19,559,573	5,465,217
	Value.....	\$2,277,177	\$1,416,838	\$455,394
All other	Pounds.....	29,438,306	18,203,823	701,509
	Value.....	\$2,073,696	\$1,144,122	\$49,276

Table 35	PRODUCT.	1909	1904	1899
	<i>Fish and oysters.</i>			
	<b>Value</b> .....	<b>\$27,648,289</b>	<b>\$32,194,635</b>	<b>\$18,807,542</b>
Canned fish and oysters	Pounds.....	235,418,713	207,077,976	172,868,572
	Value.....	\$17,373,311	\$13,531,780	\$12,868,572
Salmon	Pounds.....	99,831,528	68,128,926	62,652,792
	Value.....	\$8,723,563	\$1,251,387	\$5,679,324
Sardines	Pounds.....	90,694,284	87,224,524	44,851,244
	Value.....	\$4,931,831	\$4,380,498	\$4,212,351
Oysters	Pounds.....	28,192,392	59,249,043	(*)
	Value.....	\$2,443,101	\$3,799,412	\$2,054,800
All other	Pounds.....	16,700,509	12,475,483	9,625,825
	Value.....	\$1,109,489	\$8,558,940	\$922,097
Smoked fish	Pounds.....	39,814,989	36,617,904	21,108,066
	Value.....	\$7,460,417	\$6,331,332	\$330,590
Herring	Pounds.....	21,369,856	19,737,537	12,576,459
	Value.....	\$301,611	\$61,232	\$330,590
Salmon	Pounds.....	6,536,099	6,833,360	1,975,647
	Value.....	\$350,540	\$831,184	\$136,231
Finnan haddie	Pounds.....	4,513,222	3,014,160	1,366,500
	Value.....	\$304,620	\$174,294	\$75,360
All other	Pounds.....	7,095,812	7,032,647	5,195,490
	Value.....	\$713,466	\$891,470	\$415,460
Salted fish	Pounds.....	128,539,299	111,728,665	117,780,031
	Value.....	\$7,174,561	\$6,134,609	\$4,981,229
Cod	Pounds.....	49,494,338	48,757,819	64,721,210
	Value.....	\$3,077,612	\$3,013,320	\$3,081,045
Mackerel	Pounds.....	9,045,409	8,326,566	10,458,313
	Value.....	\$740,513	\$678,326	\$662,008
Herring	Pounds.....	21,718,467	15,824,192	13,933,426
	Value.....	\$461,257	\$409,223	\$332,220
Hadlock	Pounds.....	7,873,156	4,737,975	6,927,919
	Value.....	\$319,248	\$213,394	\$197,300
All other	Pounds.....	40,407,869	34,682,113	21,729,163
	Value.....	\$2,575,901	\$1,820,346	\$1,708,656
All other products, including pickles, preserves, and sauces.	Value.....	\$45,105,129	\$35,272,585	\$35,725,257

\* In addition, products to the value of \$5,423,199 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, as follows:

	Number.	Value.
<b>Total</b> .....		<b>\$5,423,199</b>
Canned vegetables.....	cases.....	709,017
Canned fruits.....	cases.....	1,714,909
Dried fruits.....	pounds.....	27,474
Canned fish.....	pounds.....	1,067,033
Smoked fish.....	pounds.....	531,054
Salted fish.....	pounds.....	924,785
Pickles, preserves, and sauces.....	pounds.....	38,841
		143,540
		3,376,137

\* In addition, 140,263 cases of fruits and vegetables, to the value of \$288,138; 1,847,625 pounds of fish, to the value of \$27,463; and oysters, to the value of \$12,900, were canned and preserved by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

\* Not reported separately.

\* Not reported.

**Flour-mill and gristmill products.**—Table 36 presents statistics for flour-mills and gristmills, but does not include data for establishments engaged exclusively in custom grinding (see table on p. 513). The total quantity of all kinds of grain milled in 1909 was 806,247,961 bushels, as compared with 729,061,820 bushels in 1899, an increase of 10.6 per cent. The largest increases were in wheat and corn,

the former showing a gain of about 25,000,000 bushels and the latter a gain of about 29,000,000 bushels.

The increase in the value of all products of flour mills and gristmills for the period 1899-1909 was 76.2 per cent. This gain was due mainly to advances in price, for the increases in quantity were relatively much smaller. The value of the wheat flour produced increased 64.7 per cent, but its quantity only 6 per cent, while the production of rye flour increased 54 per cent in value and only 6.2 per cent in quantity. The figures in the table indicate that higher unit values prevailed for all classes of products during 1909 than during the two prior census years. For the decade as a whole the percentage of increase in cost of materials, which constitutes by far the greater part of the value of products, was, however, even higher than that in value of products.

Table 36

	1909	1904	1899
MATERIALS.			
Total cost.....	\$767,576,479	\$619,971,161	\$428,116,757
Grain ground or milled, bushels.....	805,247,961	754,945,729	729,061,820
Wheat.....	496,489,314	494,095,083	471,306,989
Corn.....	209,281,237	178,717,821	180,573,076
Rye.....	11,563,969	11,480,370	10,088,381
Buckwheat.....	7,156,062	6,331,310	5,489,156
Oats.....	24,809,718	18,528,452	10,067,348
Other.....	50,241,598	48,381,009	47,175,766
Other.....	7,075,011	6,172,009	4,309,107
PRODUCTS.			
Total value.....	\$883,584,405	\$713,033,395	\$501,396,304
Wheat flour:			
Barrels.....	105,756,445	104,013,278	99,763,717
Value.....	\$550,116,254	\$480,235,514	\$333,997,686
White:			
Barrels.....	105,321,969	107,608,359	(?)
Value.....	\$548,017,654	\$478,484,601	(?)
Graham.....	434,676	404,928	(?)
Barrels.....	\$2,068,800	\$1,773,913	(?)
Rye flour:			
Barrels.....	1,532,139	1,593,100	1,443,339
Value.....	\$6,383,538	\$5,892,108	\$4,145,965
Back-wheat flour:			
Pounds.....	176,081,891	175,354,092	143,190,724
Value.....	\$4,663,561	\$4,379,359	\$3,190,152
Barley meal:			
Pounds.....	28,550,092	68,508,655	91,275,640
Value.....	\$486,000	\$922,884	\$963,710
Corn meal and corn flour:			
Barrels.....	21,552,737	23,624,693	27,838,811
Value.....	\$66,941,095	\$56,339,556	\$52,167,729
Hominy and grits:			
Pounds.....	827,987,702	756,861,308	291,726,145
Value.....	\$12,509,493	\$8,485,420	\$3,567,084
Feed:			
Tons (2,000 pounds).....	5,132,369	3,456,756	3,993,080
Value.....	\$110,541,915	\$76,099,127	\$53,011,421
Other:			
Tons (2,000 pounds).....	4,104,042	4,468,626	3,164,408
Value.....	\$89,814,427	\$76,102,532	\$36,679,106
All other cereal products—“breakfast foods,” oatmeal, rolled oats, etc.....	\$4,720,106	(?)	(?)
All other products.....	\$7,408,016	\$4,554,895	\$4,673,751

<sup>1</sup> In addition, merchant-ground products, valued at \$1,637,228, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The items covered by this amount were wheat flour, 105,477 barrels, valued at \$614,832; corn meal, 22,804 barrels, valued at \$87,507; rye flour, 2,629 barrels, valued at \$12,336; feed, 33,765 tons, valued at \$907,165; and other, 627 tons, valued at \$15,274; and in addition, “breakfast foods,” to the value of \$29,978,613, were made by establishments engaged primarily in the manufacture of food preparations. See note to table on page 513, for custom ground by-products.

<sup>2</sup> In addition, “breakfast foods,” to the value of \$23,904,852, were made by establishments engaged primarily in the manufacture of food preparations.

<sup>3</sup> Not reported separately.

**Rice, cleaning and polishing.**—The following table presenting statistics for the cleaning and polishing of

rice includes the quantity of rice milled, whether on a custom or exchange basis or in merchant mills. In 1909 there were 974,747,475 pounds of rice treated, as compared with 398,602,018 pounds in 1899, an increase of 144.5 per cent. The amount for 1909, however, was a little less than that for 1904. In 1909 there were only 3,873,735 pounds of foreign rough rice treated, as against 39,414,459 pounds in 1899. Attention is called to the fact that in 1909 whole rice formed 76.3 per cent of the total quantity of cleaned rice and broken rice 23.7 per cent, whereas in 1904 whole rice formed 65.9 per cent and broken rice 34.1 per cent of the cleaned-rice product.

Table 37

	1909	1904	1899
MATERIALS.			
Rough rice milled, pounds.....	974,747,475	929,727,650	388,602,018
Domestic.....	970,873,740	900,473,025	359,187,559
Foreign.....	3,873,735	9,254,625	39,414,459
PRODUCTS.			
Total value.....	\$22,371,457	\$18,286,916	\$8,725,728
Clean rice:			
Pounds.....	636,089,489	623,900,245	243,031,200
Value.....	\$30,686,992	\$16,357,133	(?)
Whole.....	477,588,004	411,208,943	(?)
Pounds.....	11,480,370	10,088,381	(?)
Broken.....	148,500,485	212,691,302	(?)
Pounds.....	83,287,246	83,287,246	(?)
Value.....	\$3,290,321	\$3,290,321	\$15,134,648
Polish:			
Pounds.....	336,632,833	336,632,833	(?)
Value.....	\$16,357,133	\$16,357,133	(?)
Bran:			
Pounds.....	91,208,520	120,694,130	69,265,012
Value.....	\$730,215	\$501,193	(?)
Hulls and waste.....	\$161,147	\$116,340	(?)
All other products.....	\$421,601	\$54,853	(?)

<sup>1</sup> In addition, 48,150 pounds of clean rice, valued at \$1,449, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

**Slaughtering and meat packing.**—Table 38 presents statistics for the wholesale slaughtering and meat-packing industry. It includes the manufacture of sausage when done in connection with slaughtering or meat packing or when carried on in independent establishments, but it does not include the rendering of lard in independent establishments or the operations of retail butchers. The cost of all materials reported for the industry was \$1,202,827,784 in 1909 and \$685,310,099 in 1899, an increase of 75.5 per cent. The total value of products increased from \$788,367,647 in 1899 to \$1,370,568,101 in 1909, or 73.8 per cent.

A portion of the dressed meat reported as material was obtained from slaughtering establishments included in the tabulation, and therefore is duplicated in the total value of products.

On account of the higher prices in 1909, the percentages of increase in value from 1899 to 1909 for the different kinds of products are somewhat greater than the percentages of increase in quantity. This is

especially marked in the case of pork, which shows an increase of only 16,421,398 pounds, or less than 1 per cent, from 1899 to 1909, while the value of the product

increased \$166,376,042, or 51.9 per cent. The quantity of lard increased 223,785,765 pounds, or 21.9 per cent, while its value increased \$73,256,353, or 119.8 per cent.

Table 38	1909	1904	1899	1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>		
Total cost.....	\$1,202,827,784	\$811,425,462	\$685,310,099	<b>Pork<sup>2</sup>—Continued.</b>		
Animals slaughtered.....	\$960,726,581	\$675,803,676	\$570,183,432	Salted.....		
Beef <sup>1</sup> .....	8,114,860	7,147,835	5,525,824	Pounds.....		
Number.....	3302,127,010	2,890,040,930	2,247,146,262	Value.....		
Cost.....	8,265,991,836	7,485,407,944	5,908,165,706	Pounds.....		
Weight, pounds.....	4,409,718,922	4,066,254,877	3,222,733,617	Value.....		
On the hoof.....	2,504,728	1,508,130	883,857	Hams.....		
Number.....	\$25,000,014	\$12,605,567	\$7,232,545	Pounds.....		
Cost.....	419,604,080	261,683,572	124,354,340	Value.....		
Weight, pounds.....	262,315,076	161,049,581	79,498,483	Shoulders.....		
On the hoof.....	12,255,501	10,873,339	9,110,172	Pounds.....		
Number.....	\$90,924,931	\$44,359,804	\$36,859,832	Value.....		
Cost.....	496,640,869	404,872,621	359,132,646	Bacon and sides.....		
Weight, pounds.....	33,224	(1)	(1)	Pounds.....		
On the hoof.....	\$138,548	\$61,905	\$54,299	Value.....		
Number.....	\$33,224	(1)	(1)	Sausage, fresh or cured.....		
Cost.....	\$138,548	\$61,905	\$54,299	Pounds.....		
Goats and kids.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Number.....	\$148,692,947	\$82,416,929	\$60,878,681	All other fresh meat.....		
Cost.....	\$148,692,947	\$82,416,929	\$60,878,681	Pounds.....		
All other materials.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Number.....	\$148,692,947	\$82,416,929	\$60,878,681	Canned goods.....		
Cost.....	\$148,692,947	\$82,416,929	\$60,878,681	Pounds.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Lard.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Pounds.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Tallow or oleo stock.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Pounds.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Oil.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Gallons.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Other oils.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Gallons.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Oleomargarine.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Pounds.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Steam.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Pounds.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Glue and gelatine.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Pounds.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Fertilizers and fertilizer materials.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Tons (2,000 pounds).....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Hides.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Pounds.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Number.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Goat and kid skins.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Number.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Wool.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Pounds.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	Amount received for custom or contract work.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		
Pounds.....	\$148,692,947	\$82,416,929	\$60,878,681	All other products.....		
Value.....	\$148,692,947	\$82,416,929	\$60,878,681	Value.....		

<sup>1</sup> Figures not available.

<sup>2</sup> Includes only the products specified.

**Sugar.**—Tables 39, 40, and 41 show the quantity and value of the products made from sugar beets and sugar cane of domestic growth, and the quantity of beets grown and the acreage devoted to this crop. They do not include statistics for maple sugar and sirup, or for sirup produced on farms from sugar and sorghum cane, or the data for establishments engaged primarily in the refining of cane sugar or molasses. The value of products of the domestic beet-sugar and cane-sugar mills amounted to \$77,991,683. In 1909 the value of products of the refineries above mentioned aggregated \$248,628,659. Of this value the cost of materials, which consist chiefly of raw sugar imported from Cuba, Porto Rico, Hawaii, and the Philippines, represented 90.9 per cent. The

combined value of products of all establishments producing raw or refined sugar was \$326,620,342 in 1909. This amount includes some duplication in the case of raw sugar produced by cane mills and used as material for the refineries.

As shown by Tables 39, 40, and 41, the total production of sugar in 1909 from beets and cane of domestic growth was 828,540 tons, of which beet sugar constituted 60.6 per cent and cane sugar 39.4 per cent. The output of beet sugar increased more than five-fold in quantity since 1899, while the production of cane sugar, for which statistics for previous censuses can not be presented in comparable form, has increased but slightly. The ton of 2,000 pounds is used in showing quantities.

PRODUCT.	1909	
	Tons.	Value.
<b>Total</b> .....		<b>\$77,991,683</b>
<b>Beet-sugar industry</b> .....		<b>48,122,383</b>
<b>Cane-sugar industry</b> .....		<b>29,869,300</b>
Sugar.....	828,540	72,033,302
Beet.....	501,682	45,337,459
Cane.....	326,858	26,695,843
Molasses, sirup, and all other products.....	5,358,381	2,184,734
Beet.....		3,773,627
Cane.....		

The following table presents the statistics for the beet-sugar industry for the censuses of 1909, 1904, and 1899:

	1909	1904	1899
<b>Acres of sugar beets, total planted</b> .....	<b>415,964</b>	<b>240,757</b>	<b>135,305</b>
Directly by factory.....	29,459	20,494	10,239
By tenants of factory.....	18,166	20,223	13,074
On contract by others than tenants of factory.....	368,339	200,050	111,992
<b>Beets used, tons</b> .....	<b>3,965,356</b>	<b>2,175,417</b>	<b>794,658</b>
Grown directly by factory.....	266,708	109,833	23,211
Grown by tenants of factory.....	163,843	210,217	95,071
Grown on contract by others than tenants of factory.....	3,534,745	1,795,331	676,346
<b>PRODUCTS.</b>			
<b>Total value</b> .....	<b>\$48,122,383</b>	<b>\$24,393,794</b>	<b>\$7,323,857</b>
Sugar.....			
Granulated—			
Tons.....	490,807	248,379	57,843
Value.....	\$45,645,910	\$23,490,373	\$5,580,527
Raw—			
Tons.....	4,875	5,612	22,886
Value.....	\$291,819	\$431,229	\$1,642,054
Molasses or sirup:			
Gallons.....	20,812,747	9,699,542	3,551,856
Value.....	\$1,129,908	\$231,097	\$23,102
Beet pulp.....	\$795,900	\$302,070	\$21,822
All other products.....	\$258,949	\$46,025	\$54,352

<sup>1</sup> Includes quantities for which no value could be given; also wastage.

The statistics for cane mills for 1909 are shown in detail in Table 41.

CENSUS.	Number of establishments.	NUMBER ENGAGED IN INDUSTRY. <sup>1</sup>		Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
		Salaried employes.	Wage earners (average number).						
1909 (census of 1910).....	5,352	31,298	881,128	\$1,841,242,131	\$49,123,634	\$335,398,736	\$992,635,299	\$1,684,636,489	\$605,001,200
1904 (census of 1905).....	4,737	24,372	742,539	1,351,451,715	32,892,121	230,514,233	753,174,961	1,225,660,444	472,511,463
1899 (census of 1900).....	4,521	17,024	664,429	1,049,636,201	29,332,773	210,069,411	567,205,771	940,032,688	412,842,917
1889 (census of 1890).....	4,420	10,851	520,196	772,673,605	12,743,495	169,422,053	454,272,489	768,357,254	314,084,765
1879 (census of 1880).....	4,143	( <sup>2</sup> )	437,557	414,179,946	( <sup>3</sup> )	165,642,824	306,485,799	538,491,222	231,905,422
1869 (census of 1870).....	4,855	( <sup>4</sup> )	275,655	298,611,518	( <sup>5</sup> )	89,784,211	354,452,813	622,312,413	167,859,600
1859 (census of 1860).....	3,608	( <sup>6</sup> )	194,874	150,205,852	( <sup>7</sup> )	40,410,946	113,082,636	215,166,414	102,084,408
1849 (census of 1850).....	3,023	( <sup>8</sup> )	146,877	112,513,947	( <sup>9</sup> )	( <sup>9</sup> )	76,715,959	128,769,971	52,054,032

<sup>1</sup> Not including proprietors and firm members.

<sup>2</sup> Includes proprietors and firm members with their salaries.

<sup>3</sup> Not reported separately.

<sup>4</sup> Includes 2,115 officers and clerks whose salaries were not reported.

<sup>5</sup> Not reported fully.

The combined products of the industry in 1909 were valued at \$1,684,636,499, an increase of \$744,583,811, or 79.2 per cent, over the total for 1899. The total includes considerable duplication of values, but probably no more, relatively, than at previous censuses.

The percentage of increase since 1899 is the highest for any decade since that from 1859-1869. In 1909

PRODUCT.	1909
<b>Total value</b> .....	<b>\$30,620,738</b>
Sugar: Tons.....	326,858
Value.....	\$20,095,673
Vacuum pan—	
Tons.....	323,189
Value.....	\$25,794,287
Brown (open-kettle process)—	
Tons.....	3,678
Value.....	\$301,386
Molasses (liquid product from which more or less sugar has been extracted):	
Gallons.....	21,587,581
Value.....	\$2,845,559
Sirup (liquid product from which no sugar has been extracted):	
Gallons.....	1,449,860
Value.....	\$365,632
All other products.....	\$1,313,574

<sup>1</sup> Does not include the operations of four establishments which manufacture sugar, two of which were operated in connection with pencil institutions and two of which were engaged primarily in the manufacture of products other than those covered by the industry designation. The output of these establishments was 7,291 tons of sugar and 698,302 gallons of molasses.

<sup>2</sup> Cane sugar manufactured direct from cane, not including the refining of raw sugar purchased.

<sup>3</sup> The value of sirup produced by establishments which manufacture no sugar is included under "All other products."

## TEXTILES.

Statistics are presented for several branches of the textile and allied manufacturing industries, designated as follows: Carpets and rugs, other than rag; cordage and twine and jute and linen goods; cotton goods, including cotton small wares; hats, fur-felt; hosiery and knit goods; oilcloth and linoleum; shoddy; silk and silk goods, including throwsters; and woolen, worsted, and felt goods, and wool hats.

Table 42 shows the development of the textile industry since 1850. It covers all the industries mentioned above except the manufacture of fur-felt hats and of oilcloth and linoleum, for which statistics are shown in separate tables, and also includes the dyeing and finishing of textiles.

cotton goods contributed 37.3 per cent of the value of all products represented in the total; the products of the woolen industries, including carpets and rugs, 30.1 per cent; hosiery and knit goods, 11.9 per cent; silk goods, 11.7 per cent; cordage and twine and jute and linen goods, 3.6 per cent; shoddy, four-tenths of 1 per cent; and the dyeing and finishing of textiles by independent establishments, 5 per cent.

The following table gives the number of producing spindles in active textile mills at the time of each census from 1869 to 1909, inclusive. It does not include spindles in establishments engaged primarily in the manufacture of products other than textiles, nor spindles employed on flax, hemp, jute, and allied fibers, of which latter class 142,169 were returned in 1909.

CENSUS.	NUMBER OF SPINDLES.				
	Total.	Cotton.	Silk.	Woolen.	Worsted.
1909 (census of 1910).....	33,866,479	28,178,862	1,777,062	2,156,849	1,753,806
1904 (census of 1905).....	28,721,742	23,672,054	1,394,020	2,436,389	1,199,279
1899 (census of 1900).....	23,901,557	19,465,984	1,213,493	2,229,181	964,899
1894 (census of 1895).....	115,092,133	14,384,150	718,300	2,332,269	607,324
1879 (census of 1880).....	413,170,743	10,638,455	292,312	1,915,070	538,920
1869 (census of 1870).....	19,338,953	7,280,800	12,040	1,845,496	200,617

<sup>1</sup> Includes some accessory spindles, except for silk.

The percentage of increase in the total number of spindles was greater from 1899 to 1909 than for any other decade shown. In 1909 cotton spindles formed 83.2 per cent of the total number, silk spindles 5.2 per cent, and woolen and worsted spindles combined 11.5 per cent. In 1909 cotton spindles represented a slightly larger proportion of all spindles than in 1904 and 1899 and woolen and worsted spindles a slightly smaller proportion.

The loom equipment of active establishments at the time of the several censuses, beginning with that of 1869, is presented in the following table. It does not include looms in establishments engaged primarily in the manufacture of products other than textiles, nor looms employed on flax, hemp, jute, and similar fibers. Cotton looms operated by power formed 80.6 per cent of the total number of power looms in 1909; silk looms, 9.1 per cent; and those employed in the woolen industry, which includes the manufacture of woolen and worsted goods and carpets and rugs, 10.2 per cent. In 1899 the corresponding percentages were 79.5 for cotton looms, 7.7 for silk, and 12.8 for those in the woolen industries.

CLASS OF LOOMS AND CENSUS.	Total.	NUMBER OF LOOMS.				
		Used in the manufacture of—				
		Cotton goods.	Silk goods.	Woolen goods.	Worsted goods.	Carpets and rugs.
<b>Power:</b>						
1909 (census of 1910).....	825,478	665,652	75,406	33,188	39,476	11,796
1904 (census of 1905).....	696,785	559,791	59,775	38,104	25,123	11,002
1899 (census of 1900).....	573,214	445,752	44,257	36,734	26,330	9,841
1894 (census of 1895).....	412,441	324,866	20,822	28,522	19,929	8,301
1879 (census of 1880).....	285,494	227,383	5,321	32,955	11,703	8,132
1869 (census of 1870).....	200,791	157,748	(1)	34,183	6,128	1,451
<b>Hand:</b>						
1909 (census of 1910).....	248	(0)	281	41	207	
1904 (census of 1905).....	1,639	(0)	283	66	690	
1899 (census of 1900).....	1,311	(0)	173	83	1,055	
1894 (census of 1895).....	4,823	(0)	1,747	448	2,628	
1879 (census of 1880).....	7,629	(0)	3,153	781	3,965	
1869 (census of 1870).....	4,163	(0)	1,388	(0)	3,973	

<sup>1</sup> Not reported.

<sup>2</sup> Included with power looms.

**Carpets and rugs.**—The following table presents statistics for the manufacture of carpets and rugs, exclusive of rag and grass carpets and rugs.

	1908	1904	1899
<b>MATERIALS.</b>			
<b>Total cost.....</b>	<b>\$39,963,004</b>	<b>\$37,947,354</b>	<b>\$37,228,719</b>
Wool, in condition purchased:			
Found.....	64,135,020	51,320,521	51,871,334
Cost.....	\$11,732,396	\$10,431,146	\$8,104,107
Equivalent of above in scoured condition, pounds.....	51,474,353	31,551,895	37,560,231
Animal hair:			
Found.....	5,400,944	6,805,802	6,189,757
Cost.....	\$474,057	\$599,588	\$549,610
Cotton:			
Found.....	5,147,130	1,977,369	1,943,042
Cost.....	\$533,302	\$301,112	\$129,440
Partly manufactured materials not made in mill reporting:			
Waste and nois—			
Found.....	2,732,034	2,172,481	2,325,054
Cost.....	\$513,952	\$341,909	\$302,733
Yarns—			
Woolen—			
Found.....	25,718,747	32,431,400	32,996,316
Cost.....	\$5,036,118	\$6,648,001	\$5,030,054
Worsted—			
Found.....	11,292,749	11,355,993	9,218,267
Cost.....	\$5,588,915	\$5,405,072	\$3,544,860
Linen—			
Found.....	36,156,241	27,421,831	19,823,561
Cost.....	\$4,772,594	\$4,757,850	\$2,744,928
Pounds.....	8,792,876	8,228,200	8,388,211
Cost.....	\$1,606,009	\$1,355,892	\$1,164,826
Jute, ramie, and other vegetable fiber—			
Found.....	55,992,343	49,119,358	38,846,413
Cost.....	\$3,928,034	\$3,404,516	\$2,476,029
Chemicals and dyestuffs.....	\$1,729,452	\$1,467,476	\$1,151,723
All other materials.....	\$3,630,035	\$3,294,992	\$2,026,797
<b>PRODUCTS.</b>			
<b>Total value.....</b>	<b>\$71,138,152</b>	<b>\$61,588,433</b>	<b>\$48,192,351</b>
<b>Carpets:</b>			
Square yards.....	57,176,729	66,626,033	64,238,761
Value.....	\$48,475,889	\$41,991,125	\$35,405,926
Axminster and Moquette—			
Square yards.....	12,507,261	6,413,695	5,026,778
Value.....	\$13,680,806	\$6,368,757	\$4,702,209
Wilton—			
Square yards.....	4,576,368	1,297,872	1,587,126
Value.....	\$8,737,768	\$2,726,667	\$4,030,842
Brussels—			
Square yards.....	3,960,626	3,024,162	2,686,409
Value.....	\$5,216,607	\$3,898,675	\$2,979,867
Tapestry velvet—			
Square yards.....	1,627,198	1,033,288	1,280,066
Value.....	\$5,514,130	\$4,754,681	\$3,743,353
Tapestry Brussels—			
Square yards.....	11,405,514	14,009,074	8,737,449
Value.....	\$8,576,966	\$9,955,943	\$5,520,645
Ingrain—			
Square yards.....	17,769,762	33,557,051	39,920,849
Value.....	\$6,749,672	\$13,257,362	\$14,308,930
<b>Rugs, woven whole:</b>			
Square yards.....	24,042,152	16,214,810	12,171,289
Value.....	\$18,960,449	\$12,870,550	\$8,145,252
Axminster and Moquette—			
Square yards.....	3,184,097	1,767,920	327,598
Value.....	\$3,041,900	\$2,107,383	\$342,232
Wilton—			
Square yards.....	767,248	1,097,186	339,784
Value.....	\$1,381,562	\$1,985,777	\$445,907
Brussels—			
Square yards.....	475,831	(0)	(0)
Value.....	\$583,852	(0)	(0)
Tapestry velvet—			
Square yards.....	3,732,672	(0)	(0)
Value.....	\$3,513,063	(0)	(0)
Tapestry Brussels—			
Square yards.....	5,672,962	2,009,434	18,750
Value.....	\$4,123,427	\$1,609,877	\$9,000
Ingrain art squares—			
Square yards.....	6,131,802	7,135,546	2,722,323
Value.....	\$2,408,960	\$2,785,457	\$1,173,951
Smyrna—			
Square yards.....	1,400,233	3,828,282	3,651,661
Value.....	\$1,660,322	\$4,134,500	\$3,680,618
Other—			
Square yards.....	2,676,947	4,096,042	5,111,173
Value.....	\$1,078,633	\$349,860	\$2,391,434
All other products.....	\$4,221,814	\$4,724,658	\$4,641,103
<b>MACHINERY.</b>			
Sets of cards.....	745	686	4,468
Woolen.....	486	389	.....
Worsted.....	189	238	.....
Cotton.....	109	59	.....
Spindles.....	252,006	255,247	200,596
Frothing.....	211,472	211,331	167,123
Doubling and twisting.....	40,624	44,016	42,963
Looms, all classes.....	12,271	15,353	12,511

<sup>1</sup> In addition, in 1909 carpets and rugs, to the value of \$79,161, and in 1904, to the value of \$70,000, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Includes Wilton velvet.

<sup>3</sup> Not reported separately.

<sup>4</sup> Not reported fully.

The aggregate production of carpets and rugs increased from 76,410,050 square yards in 1899 to 81,218,881 square yards in 1909, or only 6.3 per cent, but the value of the output increased from \$43,551,158 in 1899 to \$66,966,338 in 1909, or 53.8 per cent. The increase has been in all classes of rugs except Smyrna and "other rugs" and in all classes of carpets except ingrain. The cost of materials used increased at a rate almost equal to that of the value of products. The total carpet product decreased 11 per cent in quantity during the decade, but increased 36.9 per cent in value. The output of pile carpets increased 61.9 per cent in quantity and 98.3 per cent in value, while that of woven ply or ingrain carpets decreased 55.4 per cent in quantity and 53 per cent in value. The production of rugs woven whole increased 97.5 per cent in quantity and 127 per cent in value. More than two-thirds of the fiber material used in the manufacture of carpets is yarn purchased, and to the extent that this yarn is manufactured by carpet mills there is a duplication in the products.

**Cordage and twine and jute and linen goods.**—Table 46 presents statistics for the manufacture of cordage and twine and jute and linen goods, including nets and seines, but does not include the figures for these classes of goods produced in penal institutions or in establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

The principal products manufactured in this country from flax, hemp, and jute fibers are twine, rope, and thread, and yarns for sale to establishments using chiefly cotton, wool, and silk fibers.

The production of linen toweling and other linen woven goods increased decidedly between 1899 and 1909, but this item is not shown separately in the table, because a very large proportion of the total product is manufactured by one establishment.

The output of gunny bagging decreased from 74,090,760 square yards in 1899 to 69,311,288 square yards in 1909, while its value increased from \$3,462,479 to \$3,507,482. The aggregate rope and twine product in 1909 was 504,020,697 pounds, valued at \$42,864,658, as compared with 343,656,384 pounds, valued at \$31,250,468, in 1899. In 1899 cotton rope and twine formed 3 per cent of the total output of the cordage and twine industry, and in 1909, 7.4 per cent. This class of products increased 260.6 per cent in quantity and 372.9 per cent in value during the decade, while rope and twine of all other fiber increased 40 per cent in quantity and 21.6 per cent in value. In addition to the cotton rope and twine product included in the figures given above, 21,319,678 pounds, valued at \$3,581,917, were made in 1909 in mills engaged primarily in the manufacture of cotton goods.

Table 46	1909	1899
<b>MATERIALS.</b>		
<b>Total cost</b> .....	<b>\$40,914,810</b>	<b>\$33,063,793</b>
Hard fibers:		
Sisal and manila hemp—		
Pounds.....	335,460,574	269,594,673
Cost.....	\$19,314,306	\$17,743,242
Other kinds—		
Pounds.....	17,222,998	6,344,371
Cost.....	\$707,802	\$332,328
Soft fibers:		
Jute—		
Pounds.....	121,992,427	87,443,201
Cost.....	\$4,134,265	\$2,431,429
Jute butts—		
Pounds.....	138,364,122	118,896,625
Cost.....	\$2,033,176	\$1,705,653
Flax and flaxtow—		
Pounds.....	26,954,785	16,980,646
Cost.....	\$3,174,609	\$2,080,862
Hemp and hemp tow—		
Pounds.....	19,734,070	25,588,715
Cost.....	\$1,496,125	\$1,494,653
Cotton:		
Pounds.....	27,624,400	13,022,755
Cost.....	\$2,922,333	\$849,426
Yarns, purchased:		
Cotton—		
Pounds.....	7,077,959	4,973,080
Cost.....	\$1,291,569	\$709,389
Flax, hemp, jute, and ramie—		
Pounds.....	2,676,567	1,788,170
Cost.....	\$445,378	\$262,156
All other materials.....	\$5,394,617	\$5,433,573
<b>PRODUCTS.</b>		
<b>Total value</b> .....	<b>\$61,018,986</b>	<b>\$49,077,029</b>
Rope and binder twine.....	\$33,930,390	\$26,909,027
Sisal—		
Pounds.....	225,736,526	172,238,291
Value.....	\$15,960,280	\$14,005,366
Manila—		
Pounds.....	150,169,682	123,584,391
Value.....	\$12,992,947	\$12,192,798
Cotton rope—		
Pounds.....	16,760,763	1,615,824
Value.....	\$3,011,613	\$247,250
Jute rope—		
Pounds.....	27,749,512	10,012,165
Value.....	\$1,556,160	\$463,413
All other—		
Pounds.....	7,767,561	(*)
Value.....	\$469,906	(*)
Twine, not including binder.....	\$8,934,352	\$4,341,441
Cotton—		
Pounds.....	20,412,631	8,691,207
Value.....	\$3,518,036	\$1,133,649
Jute—		
Pounds.....	35,516,217	1,679,127
Value.....	\$2,557,744	\$117,539
Hemp—		
Pounds.....	8,013,349	9,065,204
Value.....	\$1,091,291	\$1,019,900
Flax—		
Pounds.....	2,967,093	3,845,978
Value.....	\$830,960	\$969,469
Flax or hemp mixed with jute—		
Pounds.....	8,907,403	12,924,067
Value.....	\$936,312	\$1,101,203
Yarns for sale.....	\$5,434,037	\$4,425,734
Jute—		
Pounds.....	62,512,247	54,271,860
Value.....	\$1,361,550	\$3,230,835
Flax and hemp—		
Pounds.....	5,486,891	8,259,653
Value.....	\$982,742	\$1,125,971
Other—		
Pounds.....	732,120	946,567
Value.....	\$89,745	\$98,228
Linen thread:		
Pounds.....	6,330,503	4,021,044
Value.....	\$3,407,008	\$2,332,287
Gunny bagging:		
Square yards.....	69,311,288	71,090,760
Value.....	\$5,507,482	\$5,462,479
Jute carpets and rugs:		
Square yards.....	2,206,114	2,933,658
Value.....	\$549,221	\$357,568
All other products.....	\$5,257,580	\$7,219,093

\* In addition, cordage and twine and jute and linen goods to the value of \$80,626 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

† Not reported.

Cotton goods, including cotton small wares.—Table 47 presents the statistics for cotton manufactures, not including cotton hosiery and knit goods.

The aggregate value of cotton woven goods manufactured, exclusive of narrow weaves, such as tape and webbing, was \$456,089,401 in 1909, compared with \$243,253,155 in 1899, an increase of 87.5 per cent for the decade. The rate of increase, however, in quantity was very much less, 6,348,568,593 square yards of woven goods being reported in 1909, compared with

4,523,430,616 in 1899, an increase of 40.3 per cent. The output of almost every class of woven goods increased during the decade.

The total production of yarn in cotton mills in 1909 was 2,040,290,743 pounds, of which 470,370,995 pounds, valued at \$109,314,953, were made for sale. Part of this yarn was sold to other cotton mills, thus involving duplication in the total value of products for the industry. Some of it was sold to woolen and silk mills and a large quantity to knitting mills.

Table 47

	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
<b>Total cost</b> .....	<b>\$371,009,470</b>	<b>\$286,255,303</b>	<b>\$176,561,527</b>	<b>Woven goods—Continued.</b>			
Cotton:				Napped fabrics—			
Pounds.....	2,335,344,906	1,876,437,159	1,817,643,399	Square yards.....	305,655,864	330,808,140	208,832,216
Cost.....	\$274,724,210	\$222,212,749	\$125,169,616	Value.....	\$25,695,907	\$26,108,315	\$18,231,044
Domestic.....				Corduroy, cotton, velvet, and			
Pounds.....	2,259,312,974	1,832,736,744	1,761,798,458	plush—			
Cost.....	\$261,547,820	\$214,615,844	\$110,098,443	Square yards.....	19,706,438	16,014,556	7,961,523
Foreign.....				Value.....	\$9,965,634	\$4,790,573	\$2,682,017
Pounds.....	76,031,932	43,700,406	55,844,932	Mosquito and other netting—			
Cost.....	\$13,176,390	\$7,596,905	\$6,071,173	Square yards.....	59,109,819	36,232,918	41,855,623
Cotton yarn:				Value.....	\$2,163,560	\$794,953	\$875,808
Pounds.....	136,707,003	105,411,516	94,692,864	Upholstering goods—			
Cost.....	\$34,384,791	\$24,611,200	\$17,622,508	Square yards.....	94,840,651	65,502,212	51,114,009
Cotton waste:				Value.....	\$14,882,842	\$12,111,698	\$8,705,384
Pounds.....	80,044,061	76,678,645	41,234,900	Tapestries (piece goods and			
Cost.....	\$4,225,790	\$3,814,250	\$1,515,591	curtains)—			
Starch:				Square yards.....	10,657,385	9,605,096	10,166,538
Pounds.....	72,114,756	54,489,534	53,800,734	Value.....	\$4,725,907	\$4,242,596	\$4,158,609
Cost.....	\$1,506,804	\$1,227,010	\$1,227,010	Lace and lace curtains—			
Chemicals and dyestuffs.....	\$4,886,514	\$4,573,375	\$5,718,107	Square yards.....	\$1,007,314	\$3,311,222	\$7,325,198
All other materials.....	\$50,673,499	\$29,536,885	\$25,238,635	Value.....	\$8,922,882	\$7,208,211	\$5,285,138
<b>PRODUCTS.</b>				Other—			
<b>Total value</b> .....	<b>\$628,391,813</b>	<b>\$460,457,704</b>	<b>\$339,200,320</b>	Square yards.....	3,175,352	2,475,984	3,322,873
Woven goods:				Value.....	\$1,236,833	\$660,981	\$661,646
Square yards.....	6,348,568,593	5,110,308,812	4,523,430,616	Bags and bagging—			
Value.....	\$456,089,401	\$274,747,837	\$243,253,155	Square yards.....	63,107,568	57,057,653	52,739,616
Plain cloths for printing or con-				Value.....	\$4,802,541	\$3,953,732	\$2,554,192
verting—				Cotton towels and towel-			
Square yards.....	2,224,677,848	1,918,216,172	1,581,613,827	Square yards.....	52,778,170	40,280,292	(?)
Value.....	\$111,097,889	\$80,311,612	\$57,789,940	Value.....	\$6,037,075	\$4,365,470	(?)
Brown or bleached sheetings and				Tape and webbing			
shirtings—				Yarns for sale:			
Square yards.....	1,484,335,529	1,172,309,182	1,212,403,048	Pounds.....	470,370,995	364,634,753	332,302,621
Value.....	\$88,802,985	\$61,253,376	\$55,513,032	Value.....	\$109,314,953	\$79,939,687	\$55,216,966
Twills and satens—				Thread:			
Square yards.....	388,314,961	366,142,513	235,860,518	Pounds.....	23,700,957	17,163,741	15,907,058
Value.....	\$34,274,107	\$23,701,305	\$14,301,312	Value.....	\$20,515,269	\$15,945,043	\$11,958,671
Fancy woven fabrics—				Twine:			
Square yards.....	426,710,359	396,254,685	237,841,603	Pounds.....	13,715,771	7,391,589	11,642,718
Value.....	\$47,498,713	\$28,486,342	\$21,066,310	Value.....	\$2,437,991	\$1,428,994	\$1,546,411
Ginghams—				Cordage and rope:			
Square yards.....	537,430,463	302,316,132	278,392,708	Pounds.....	7,603,907	(?)	(?)
Value.....	\$37,939,640	\$22,471,857	\$16,179,200	Value.....	\$1,164,526	(?)	(?)
Duck—				Cotton waste for sale:			
Square yards.....	162,476,322	122,601,212	129,234,076	Pounds.....	310,513,348	247,640,640	270,962,613
Value.....	\$27,485,892	\$17,905,982	\$14,363,076	Value.....	\$10,874,386	\$10,962,057	\$5,563,670
Drills—				All other products.....	\$22,482,213	\$15,185,598	\$19,190,845
Square yards.....	238,869,407	194,735,303	237,296,549	<b>MACHINERY.</b>			
Value.....	\$17,759,151	\$12,596,983	\$11,862,794	Producing spindles, number.....	27,425,698	23,195,143	10,650,952
Spikes, denims, and stripes—				Looms, all classes, number.....	665,409	559,296	456,752
Square yards.....	264,870,598	256,375,496	181,890,853				
Value.....	\$27,359,162	\$23,797,378	\$16,446,653				
Cottonades—							
Square yards.....	25,676,286	25,362,346	26,323,947				
Value.....	\$3,343,530	\$2,998,971	\$2,791,431				

<sup>1</sup> In addition, cotton goods to the value of \$2,224,096 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

Felt goods.—Table 48 covers the statistics for felt manufactures engaged primarily in the manufacture of felt goods except those making hats. The aggregate value of products of the three felting industries—the manufacture of felt goods, fur-felt hats, and wool-felt hats—was \$64,099,667 in 1909, \$48,035,213 in 1904, and \$37,864,818 in 1899, the increase in value from 1899 to 1909 being 69.3 per cent.

The value of products for the felt-goods industry, exclusive of the making of felt hats, was \$11,852,626 in 1909 and \$6,461,691 in 1899, an increase for the decade of 83.4 per cent.

The increase in the production of endless belts during the decade was particularly large, amounting to 191 per cent in quantity and 215.1 per cent in value.

Table 48	1909	1904	1899
MATERIALS.			
<b>Total cost</b> .....	<b>\$6,867,206</b>	<b>\$5,754,026</b>	<b>\$3,801,028</b>
Wool, in condition purchased:			
Pounds.....	12,409,826	11,868,238	9,606,203
Cost.....	\$3,927,393	\$3,388,388	\$2,196,440
Equivalent of above in scoured condition, pounds.....	9,308,172	8,131,082	6,468,097
Animal hair, etc.:			
Pounds.....	8,144,011	6,974,634	2,819,521
Cost.....	\$239,244	\$373,797	\$123,803
Cotton:			
Pounds.....	1,375,670	1,982,624	1,225,850
Cost.....	\$155,815	\$217,200	\$77,883
Shoddy, mingo, and wool extract:			
Pounds.....	2,536,243	1,532,127	712,373
Cost.....	\$261,875	\$157,031	\$80,737
Waste and noils:			
Pounds.....	4,874,712	1,948,969	2,653,590
Cost.....	\$1,220,110	\$452,509	\$552,992
Chemicals and dyestuffs.....	\$219,891	\$189,750	\$128,296
All other materials.....	\$942,875	\$975,151	\$639,077
PRODUCTS.			
<b>Total value</b> .....	<b>\$11,852,026</b>	<b>\$8,948,594</b>	<b>\$6,461,691</b>
Felt cloths:			
Square yards.....	3,764,468	3,689,610	2,056,002
Value.....	\$1,381,854	\$1,809,027	\$548,543
Trimming and lining felts, felt skirts, etc.:			
Square yards.....	5,953,410		
Value.....	\$1,329,696	\$1,145,340	2,469,830
Saddle felts:			
Pounds.....	1,650,991	\$1,188,908	\$796,718
Value.....	\$375,849		
Endless belts:			
Pounds.....	3,243,034	1,770,124	1,114,357
Value.....	\$3,417,822	\$1,707,216	\$1,084,835
Boot and shoe linings:			
Square yards.....	1,601,000	2,823,137	1,052,538
Value.....	\$514,456	\$781,450	\$340,110
Hair fetting:			
Square yards.....	1,159,999	605,214	125,000
Value.....	\$531,045	\$191,998	\$56,950
All other felts.....	\$3,549,876	\$2,592,894	\$2,261,918
All other products.....	\$552,638	\$655,501	\$1,172,617
MACHINERY.			
Sets of cards.....	473	463	1902
Woolen.....	472	451	
Cotton.....	1	12	
Spindles.....	30,353	17,437	24,286
Frothing.....	29,463	17,437	23,235
Doubling and twisting.....	890	360	1,051
Looms, all classes.....	408	265	284

<sup>1</sup> Not fully reported.

**Hats, fur-felt and wool-felt.**—The total output in 1909 of establishments engaged primarily in the manufacture of fur-felt or wool-felt hats was 42,962,508 hats of all varieties, valued at \$47,089,253; in 1904 it was 36,695,952 hats, valued at \$36,604,304; and in 1899, 32,325,564 hats, valued at \$28,546,867. Fur-felt hats, generally known as felt hats, formed 83.5 per cent of the total number in 1909 and 69.9 per cent in 1899, while wool-felt hats, generally known as wool hats, formed 16.5 per cent of the total in 1909 and 30.1 per cent in 1899.

There is some duplication in value of products, due to the use of felt hat bodies and hats in the rough made at one establishment as material at another.

The following table gives the quantity and value of the materials and products of the fur-felt hat industry in 1909, 1904, and 1899. The products increased in value 72.1 per cent during the decade, and the number of finished hats increased 58.8 per cent.

Table 49	1909	1904	1899
MATERIALS.			
<b>Total cost</b> .....	<b>\$22,109,231</b>	<b>\$15,975,206</b>	<b>\$13,513,668</b>
Hatters' fur:			
Pounds.....	8,645,576	6,718,359	6,106,269
Cost.....	\$9,278,922	\$6,743,956	\$6,376,971
Fur-felt hat bodies and hats in the rough:			
Dozens.....	406,447	211,760	148,212
Cost.....	\$2,575,248	\$1,351,372	\$882,986
Chemicals and dyestuffs.....	\$843,587	\$1,140,281	\$156,794
All other materials.....	\$9,411,474	\$6,739,617	\$5,396,897
PRODUCTS.			
<b>Total value</b> .....	<b>\$47,864,630</b>	<b>\$36,829,353</b>	<b>\$27,811,187</b>
Fur-felt hats:			
Dozens.....	2,989,252	2,611,873	1,882,372
Value.....	\$43,442,406	\$34,314,234	\$25,388,506
Fur-felt hat bodies and hats in the rough:			
Dozens.....	366,370	88,966	105,010
Value.....	\$2,703,738	\$660,959	\$992,730
All other products.....	\$1,164,872	\$1,093,361	\$941,022
Work on materials for others.....	\$553,564	\$360,799	\$491,919

<sup>1</sup> In addition, in 1909, fur-felt hats, to the value of \$896,601, and in 1904, to the value of \$333,441, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

The statistics for the manufacture of wool-felt hats are given in the following table. The increase in the total value of all products for the decade was 22.1 per cent. The output of finished wool hats in 1909, though greater than in 1904, showed a decrease of 27.2 per cent as compared with 1899.

Table 50	1909	1904	1899
MATERIALS.			
<b>Total cost</b> .....	<b>\$2,472,263</b>	<b>\$1,369,810</b>	<b>\$2,042,202</b>
Wool, in condition purchased:			
Pounds.....	1,203,498	1,633,525	2,713,374
Cost.....	\$404,127	\$493,594	\$788,973
Equivalent of above in scoured condition, pounds.....	989,110	1,231,576	1,986,605
Wool waste and noils:			
Pounds.....	1,281,764	257,363	862,982
Cost.....	\$64,172	\$119,407	\$70,782
Wool-felt hat bodies and hats in the rough:			
Dozens.....	21,864	12,089	4,939
Cost.....	\$83,020	\$25,997	\$13,930
Chemicals and dyestuffs.....	\$104,503	\$63,905	\$108,502
All other materials.....	\$1,219,441	\$664,907	\$1,067,015
PRODUCTS.			
<b>Total value</b> .....	<b>\$5,322,411</b>	<b>\$2,457,288</b>	<b>\$3,591,940</b>
Wool-felt hats:			
Dozens.....	560,957	446,121	811,425
Value.....	\$3,646,787	\$2,290,070	\$3,161,361
Wool-felt hat bodies and hats in the rough:			
Dozens.....	53,896	18,587	56,006
Value.....	\$309,492	\$100,491	\$130,262
All other products.....	\$426,132	\$66,705	\$310,317

<sup>1</sup> In addition, wool-felt hats, to the value of \$904,643, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

**Hosiery and knit goods.**—Table 51, presenting the statistics for hosiery and knit goods, includes hand-knit as well as machine-knit goods.

The total cost of materials in the hosiery and knit-goods industry was \$110,241,053 in 1909, \$76,789,348 in 1904, and \$51,195,330 in 1899. The cost of cotton and cotton yarn represented 51.7 per cent of the total cost of material used in 1909, 52.4 per cent in 1904, and 50.3 per cent in 1899. A portion of the yarn reported as material was purchased from other establish-

ments included in this classification and is therefore duplicated in the value of products. The increase in the total cost of materials in 1909 over the cost for 1899 was 115.3 per cent, and the increase in the total value of products was 108.8 per cent. Of the total value of the products, shirts and drawers contributed 34.8 per cent in 1909 and 47.7 per cent in 1899, while hosiery contributed 34.3 per cent in 1909 and 28.6 per cent in 1899. The hosiery product increased in value from

\$27,420,029 in 1899 to \$68,721,825 in 1909, or 150.6 per cent, and shirts and drawers from \$45,675,594 to \$69,592,817, or 52.4 per cent. Sweaters, cardigan jackets, etc., show the largest relative increase in value for the decade, and combination suits the next largest, the value of the former increasing from \$3,498,837 to \$22,430,817, or more than fivefold, and that of the latter from \$3,691,847 to \$14,853,536, or about threefold.

Table 51

	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
<b>Total cost.....</b>	<b>\$110,241,053</b>	<b>\$78,789,348</b>	<b>\$51,195,330</b>	<b>Hosiery—Continued.</b>			
Cotton.....	75,416,023	50,586,709	49,451,301	Silk.....	434,414	42,065	12,572
Founds.....	\$8,803,509	\$5,869,317	\$3,641,592	Dozen pairs.....	\$3,600,416	\$322,303	\$186,413
Cost.....				Shirts and drawers:			
Wool, in condition purchased:				Value.....	25,332,779	19,723,141	15,873,700
Founds.....	7,608,788	17,300,616	17,963,907	Value.....	\$9,592,517	\$36,643,869	\$45,675,594
Cost.....	\$2,919,655	\$6,153,855	\$5,262,135	All cotton:			
Equivalent of above in secured				Dozen.....	\$2,667,121	17,107,968	12,058,431
condition, pounds.....	5,582,839	13,909,144	13,001,308	Value.....	\$50,007,598	\$39,635,762	\$26,882,002
Shoddy, purchased:				Merino or mixed:			
Founds.....	7,493,553	7,489,358	3,770,636	Dozen.....	2,536,473	2,113,510	2,675,416
Cost.....	\$1,915,077	\$923,719	\$488,792	Value.....	\$17,635,624	\$13,631,754	\$13,293,829
Wool waste and noils, purchased:				All wool:			
Founds.....	8,586,201	6,020,459	5,270,454	Dozen.....	178,163	485,328	1,085,045
Cost.....	\$2,813,129	\$1,711,669	\$1,487,907	Value.....	\$1,820,521	\$3,647,934	\$1,980,818
Yarns, purchased:				Silk and silk mixed:			
Cotton—				Dozen.....	56,022	16,045	54,807
Founds.....	216,987,611	161,500,496	131,820,068	Value.....	\$709,074	\$306,410	\$518,045
Cost.....	\$48,166,749	\$34,372,910	\$22,204,918	Combination suits:			
Worsted—				Dozen.....	2,473,103	1,440,420	986,555
Founds.....	10,370,004	8,789,579	5,823,215	Value.....	\$14,853,536	\$9,793,947	\$5,691,847
Cost.....	\$10,116,326	\$7,457,690	\$4,865,304	All cotton—			
Woolen—				Dozen.....	2,047,637	1,260,301	824,632
Founds.....	6,140,265	4,839,343	2,621,893	Value.....	\$9,713,597	\$4,478,664	\$2,240,566
Cost.....	\$1,834,094	\$2,798,454	\$1,267,587	Merino or mixed—			
Merino—				Dozen.....	364,387	159,242	139,994
Founds.....	4,014,699	2,558,890	1,981,484	Value.....	\$4,217,432	\$1,199,949	\$1,133,328
Cost.....	\$2,667,061	\$1,118,999	\$642,535	All wool—			
Silk and spang silk—				Dozen.....	50,102	68,067	9,501
Founds.....	382,753	320,671	262,247	Value.....	\$683,289	\$965,132	\$201,667
Cost.....	\$3,606,599	\$1,200,259	\$946,801	Silk or silk mixed—			
Chemicals and dyestuffs.....	\$2,541,909	\$1,677,252	\$1,023,161	Dozen.....	10,977	6,810	12,728
All other materials.....	\$23,853,633	\$13,568,221	\$9,454,598	Value.....	\$289,218	\$150,202	\$110,256
Farms made in mill for use therein.				Sweaters, cardigan jackets, etc.:			
Cotton, pounds.....	69,171,277	39,564,890	40,845,889	Dozen.....	2,221,410	811,629	594,090
Woolen, pounds.....	8,316,349	( )	( )	Value.....	\$22,430,817	\$8,345,359	\$3,498,837
Worsted, pounds.....	223,404	( )	( )	Gloves and mittens:			
Merino, pounds.....	20,856,989	( )	( )	Dozen pairs.....	2,527,889	2,260,508	1,898,887
Value.....				Value.....	\$7,296,867	\$5,556,260	\$4,244,946
Products.....	\$200,143,527	\$137,076,454	\$95,833,632	Hoods, scarfs, nubias, etc.:			
Hosiery:				Dozen.....	\$88,223	589,315	343,429
Dozen pairs.....	6,825,069	44,186,063	29,903,899	Value.....	\$3,217,985	\$1,774,802	\$1,062,362
Value.....	\$8,721,825	\$44,113,260	\$27,430,029	Shawls:			
Cotton, merino, and woolen—				Dozen.....	218,923	435,306	157,622
Hose—				Value.....	\$916,294	\$1,380,348	\$328,720
Dozen pairs.....	34,499,562	25,999,813	16,641,729	Boot and shoe linings:			
Value.....	\$37,903,011	\$26,152,043	\$16,203,372	Square yards.....	9,728,770	11,758,961	10,496,440
Cotton—				Value.....	\$1,290,464	\$1,249,401	\$2,245,003
Dozen pairs.....	32,499,104	24,169,804	15,028,173	Yarns for sale.....			
Value.....	\$34,078,622	\$22,764,799	\$13,275,732	Cotton.....	\$1,785,531	\$1,000,083	\$498,790
Merino or mixed—				Woolen.....	7,457,412	3,304,615	2,419,282
Dozen pairs.....	834,029	740,226	436,891	Value.....	\$1,568,417	\$654,234	\$422,100
Value.....	\$1,466,283	\$1,182,164	\$659,959	Woolen, worsted, and merino—			
Woolen or worsted—				Pounds.....	488,322	491,559	134,529
Dozen pairs.....	1,166,429	1,083,783	1,176,705	Value.....	\$217,114	\$345,849	\$75,690
Value.....	\$2,358,106	\$2,205,090	\$2,267,681	All other products.....	\$10,118,371	\$10,306,064	\$7,268,434
Half hose.....				MACHINERY.			
Dozen pairs.....	27,891,093	18,144,185	13,249,558	Sets of cards.....	2,681	2,001	1,161
Value.....	\$27,218,398	\$17,438,914	\$11,030,244	Cotton.....	1,827	1,040	577
Cotton—				Woolen.....	44	977	1,161
Dozen pairs.....	24,806,917	15,223,243	11,252,081	Worsted.....	736,774	603,389	521,471
Value.....	\$21,831,365	\$11,821,830	\$7,906,945	Spindles.....	6,839	6,818	11,669
Merino or mixed—				Producing.....	115,019	88,374	89,047
Dozen pairs.....	2,023,641	1,611,066	957,520	Doubling and twisting.....	43,885	30,410	24,535
Value.....	\$3,299,912	\$2,214,678	\$1,384,764	Knitting machines, all classes.....			
Woolen or worsted—				Sewing machines, all classes.....			
Dozen pairs.....	1,061,535	1,309,876	839,957				
Value.....	\$2,087,121	\$3,402,496	\$1,738,535				

<sup>1</sup> Not reported.

<sup>2</sup> In addition, in 1909, hosiery and knit goods, to the value of \$2,975,749, and in 1904, to the value of \$1,579,653, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

**Oilcloth and linoleum.**—Table 52 presents the statistics of the production of oilcloth, linoleum, and artificial leather. Artificial leather, which at former censuses was included under upholstering materials, was reported separately for the first time at the census of 1909. At the census of 1899 oilcloth and linoleum were not reported in detail, but the total value of these products was \$11,402,620. This had

increased to \$13,977,137 in 1904 and to \$22,525,940 in 1909. The production of oilcloth in 1909 was in the aggregate 96,862,068 square yards and in 1904 71,057,684 square yards, an increase for the five years of 36.3 per cent. The linoleum product increased relatively much more; it amounted to 30,676,254 square yards in 1909 and 16,891,462 square yards in 1904, an increase of 81.6 per cent.

Table 52

PRODUCT.	1909	1904
<b>Total value</b> .....	<b>1,026,253,796</b>	<b>\$14,792,246</b>
Floor.....	\$11,661,012	\$8,648,337
Square yards.....	18,354,851	21,456,615
Value.....	\$3,776,660	\$3,563,689
Enameled.....		
Square yards.....	17,338,440	11,574,986
Value.....	\$5,265,146	\$1,562,407
Table.....		
Square yards.....	61,168,777	38,026,083
Value.....	\$5,639,206	\$3,540,181
Linoleum.....	\$10,844,928	\$5,328,800
Linoleum, including cork carpet—		
Square yards.....	26,215,979	14,765,284
Value.....	\$7,850,437	\$4,223,992
Inlaid linoleum.....		
Square yards.....	4,460,275	2,126,178
Value.....	\$3,994,491	\$1,104,808
Artificial leather.....		(*)
Square yards.....	11,869,875	(*)
Value.....	\$3,448,617	(*)
All other products.....	\$279,239	\$815,109

<sup>1</sup> In addition, products to the value of \$33,328 were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The production of artificial leather is included under "upholstering materials" in Table 110.

<sup>2</sup> Figures not available.

**Shoddy.**—The statistics given in the following table relate only to establishments primarily engaged in the manufacture of shoddy, mungo, and wool extract, and do not include those for spinning and weaving mills and hosiery and knit-goods factories which manufacture shoddy for their own use or for sale. Mills engaged in the cutting of flocks and the cleaning and ginning of waste are included, as in previous censuses. The total cost of materials used was \$5,000,706 in 1909, and the total value of the products was \$7,446,364, both of these amounts being somewhat larger than in 1899 but smaller than in 1904. The total output of the products specifically classified was 57,888,999 pounds in 1909, 63,787,770 pounds in 1904, and 47,684,714 pounds in 1899.

Table 53

MATERIALS.	1909	1904	1899
<b>Total cost</b> .....	<b>\$5,000,706</b>	<b>\$9,055,731</b>	<b>\$4,875,192</b>
Tailors' clippings, rags, etc.:.....	\$4,561,713	\$8,921,097	\$9,623,312
Founds.....			
Cost.....	\$3,651,045	\$4,295,641	\$3,558,706
Waste and noils of wool, mohair, camel's hair, etc.:.....			
Founds.....	7,567,579	8,177,846	4,239,628
Cost.....	\$917,976	\$909,754	\$693,972
Wool, in condition purchased:.....			
Founds.....	237,097	597,492	422,349
Cost.....	\$88,032	\$127,927	\$127,099
Equivalent of above in scoured condition, pounds.....	196,997	421,492	242,997
Chemicals and dyestuffs.....	\$138,241	\$142,455	\$111,095
All other materials.....	\$795,412	\$579,354	\$384,320
<b>PRODUCTS.</b>			
<b>Total value</b> .....	<b>\$7,446,364</b>	<b>\$9,406,425</b>	<b>\$6,730,974</b>
Shoddy and mungo.....	\$8,375,724	\$4,401,295	\$9,014,661
Founds.....	\$5,699,260	\$6,831,689	\$5,388,378
Wool extract:.....			
Founds.....	5,637,514	6,375,768	4,980,825
Value.....	\$865,928	\$727,912	\$620,504
Waste.....			
Founds.....	2,237,748	42,504	1,608,470
Value.....	\$275,545	\$1,544	\$148,043
Flock.....			
Founds.....	1,638,013	2,908,203	2,680,758
Value.....	\$107,697	\$143,536	\$131,894
All other products.....	\$208,708	\$365,805	\$151,494
Work on materials for others.....	\$229,626	\$339,939	\$290,661
<b>MACHINERY.</b>			
Flickers, number.....	340	317	(*)
Garnet machines, number.....	158	116	(*)

<sup>1</sup> In addition, shoddy to the value of \$367,278 was made for sale by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported.

**Silk and silk goods.**—The following table, which presents statistics for the manufacture of silk and silk goods, includes data for establishments that make a specialty of throwing and winding silk:

Table 54

	1909	1904	1899
<b>MATERIALS.</b>			
<b>Total cost</b> .....	<b>\$107,766,916</b>	<b>\$75,861,188</b>	<b>\$62,406,665</b>
Raw.....			
Founds.....	17,472,303	11,522,783	9,760,770
Cost.....	\$67,787,037	\$45,318,416	\$40,721,877
Spun.....			
Founds.....	2,212,972	1,951,201	1,950,291
Cost.....	\$4,848,789	\$4,310,061	\$3,406,059
Artificials.....			
Founds.....	914,494	465,151	6,656
Cost.....	\$1,926,894	\$1,623,473	\$10,380
Organzine and tram, purchased.....			
Founds.....	3,377,972	3,236,744	2,338,464
Cost.....	\$14,679,719	\$14,552,425	\$10,539,632
Fringe and loss, including waste, noils, etc., purchased.....			
Founds.....	2,402,960	1,496,811	1,735,179
Cost.....	\$1,637,117	\$1,187,159	\$1,008,947
Yarns, other than silk:.....			
Cotton, including mercerized—			
Founds.....	14,111,878	9,018,795	6,664,009
Cost.....	\$5,811,982	\$3,657,989	\$1,996,233
Woolen or worsted—			
Founds.....	610,588	443,155	239,461
Cost.....	\$765,989	\$409,867	\$167,770
Mohair.....			
Founds.....	710,198	128,389	104,810
Cost.....	\$640,529	\$137,097	\$107,365
All other.....			
Founds.....	333,780	130,620	168,388
Cost.....	\$456,597	\$108,841	\$134,966
Chemicals and dyestuffs.....	\$1,062,313	\$666,992	(*)
All other materials.....	\$8,120,280	\$5,488,868	\$4,313,416
<b>PRODUCTS.</b>			
<b>Total value</b> .....	<b>\$196,911,667</b>	<b>\$133,288,072</b>	<b>\$107,256,258</b>
Broad silks:.....			
Yards.....	185,707,316	174,871,215	87,636,883
Value.....	\$107,881,156	\$69,977,982	\$52,152,816
Plain and fancy:.....			
All silk—			
Yards.....	81,054,158	68,293,024	53,573,458
Value.....	\$33,282,704	\$40,741,480	\$33,852,111
Silk mixed—			
Yards.....	24,712,556	9,061,625	8,903,315
Value.....	\$14,207,801	\$5,343,472	\$5,450,710
Jaquard—			
All silk—			
Yards.....	13,249,090	8,143,091	7,532,229
Value.....	\$9,835,345	\$5,927,663	\$5,379,001
Silk mixed—			
Yards.....	6,043,686	2,336,120	1,677,466
Value.....	\$3,473,799	\$1,229,618	\$1,260,321
Free-dyed—			
All silk—			
Yards.....	19,033,393	21,334,584	7,831,561
Value.....	\$11,352,242	\$9,276,445	\$5,345,167
Silk mixed—			
Yards.....	40,044,433	15,063,353	8,558,884
Value.....	\$15,728,193	\$4,399,694	\$2,808,506
Velvets:.....			
Yards.....	10,063,593	7,262,315	5,122,340
Value.....	\$4,767,900	\$3,191,206	\$2,479,903
Plushes:.....			
Yards.....	2,759,491	2,547,367	3,848,664
Value.....	\$2,104,708	\$1,340,815	\$2,483,008
Tapestries and upholstery:.....			
Yards.....	226,711	1,706,210	1,330,119
Value.....	\$382,820	\$1,529,952	\$1,009,835
Ribbons.....	\$32,714,873	\$21,890,674	\$18,067,179
Laces, nets, veils, veiling, etc.....	\$1,350,850	\$745,489	\$803,101
Embroideries.....	\$385,322	\$112,862	\$67,625
Fringe and gings.....	\$824,327	\$1,016,954	\$444,787
Brads and bindings.....	\$4,483,248	\$3,495,977	\$1,522,565
Trimnings.....	\$3,850,448	\$3,107,697	\$2,634,076
Machine waste.....			
Founds.....	1,088,780	932,998	687,974
Value.....	\$6,341,719	\$5,221,665	\$5,997,974
Seam, embroidery, wash, fringe, and loss silks:.....			
Founds.....	747,246	811,711	799,301
Value.....	\$4,179,355	\$4,625,016	\$4,248,216
Organzine and tram, for sale:.....			
Founds.....	2,740,319	2,025,645	2,468,387
Value.....	\$19,550,310	\$9,194,950	\$11,167,191
Spun silk, for sale:.....			
Founds.....	779,462	579,529	437,450
Value.....	\$2,104,966	\$1,669,647	\$1,026,227
All other products.....	\$4,495,473	\$5,227,800	\$1,027,472
Work done on materials for others.....	\$8,384,530	\$3,716,656	\$2,387,220

<sup>1</sup> Does not include waste, noils, etc.

<sup>2</sup> Not reported separately.

<sup>3</sup> In addition, silk and silk goods to the value of \$1,218,101 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

The increase in the cost of materials and in the value of products for the period 1899-1909 was 72.7 and 83.6 per cent, respectively. Considerable duplication occurs in the total cost of materials and in the total value of products shown in the preceding table. To eliminate this duplication the following method may be used: (1) organize and tram, reported as material and product, is deducted from both materials and products, respectively; (2) spun silk, reported as a product, is deducted from both materials and products; (3) fringe and floss, reported as material, is deducted from both materials and products; and (4) amount received for contract work, reported as product, is deducted from products.

The total production of broad weaves in 1909 was 198,787,027 running yards, single width, valued at \$115,136,724, compared with 97,940,935 yards, valued at \$58,122,622, in 1899, the increase in quantity being 103 per cent and that in value 98.1 per cent. Broad silks formed over nine-tenths of all broad weaves in 1909, the increase in the output between 1899 and 1909 being 111.9 per cent. The increase in the output of all other broad weaves combined—velvets, plushes, tapestries, and upholsteries—was only 26.9 per cent.

In 1899 all-silk goods constituted 78.1 per cent of the broad-silk product, and silk-mixed goods 21.9 per cent, whereas in 1909 the proportion for the latter had risen to 38.1 per cent and that for the former had fallen to 61.9 per cent. The change was due to an increase during the decade of 268.9 per cent in the output of silk-mixed broad silks, while that for all-silk was only 67.9 per cent.

Between 1899 and 1909 the rate of increase in the

output of broad woven silk goods was much greater than that for either broad woven cotton or broad woven woolen goods, the increases for the three classes being 103, 40.3, and 33.8 per cent, respectively.

**Woolen and worsted goods.**—The following table presents statistics for establishments engaged primarily in the manufacture of woolen and worsted goods. The total value of products for the industry involves considerable duplication, due to the use of partly finished products of some establishments as material for others. In 1909 the establishments in this industry produced 570,743,797 square yards of woven goods, exclusive of upholstery goods and sundries, compared with 505,821,956 square yards in 1904 and 426,572,856 in 1899, the increase for the decade being 33.8 per cent. The value of these goods was \$296,447,594 in 1909, \$234,737,036 in 1904, and \$183,306,664 in 1899, an increase for the decade of 61.7 per cent. The highest rate of increase was reported for the all-wool woven group, the output of which increased 49.3 per cent in quantity. The output of unions decreased decidedly, while that of cotton-warp woven goods increased 37.6 per cent in quantity. The all-wool yardage constituted 56.6 per cent of the total in 1909 and 50.7 per cent in 1899, while the union yardage constituted 6.6 per cent of the total in 1909, as compared with 13.4 per cent in 1899. Cotton-warp fabrics formed about the same proportion of the total in both years—somewhat over one-third. There has thus been a considerable shift during the decade from the manufacture of cotton-mixed to that of all-wool goods.

Table 55		1909	1904	1899	1909		1904	1899	
<b>MATERIALS.</b>					<b>MATERIALS—continued.</b>				
<b>Total cost.....</b>					<b>Yarns purchased:</b>				
<b>Wool:</b>					<b>Woolen—</b>				
In condition purchased—					Cost.....				
Pounds.....					Worsted—				
Cost.....					Pounds.....				
Domestic.....					Cost.....				
Pounds.....					Merino—				
Cost.....					Pounds.....				
Foreign.....					Cost.....				
Pounds.....					Cotton—				
Cost.....					Pounds.....				
Equivalent in scoured condition, pounds.....					Cost.....				
Mohair, camel, alpaca, and vicuña hair.....					Silk and spun silk—				
Pounds.....					Pounds.....				
Cost.....					Cost.....				
Cow and other animal hair:					All other—				
Pounds.....					Pounds.....				
Cost.....					Cost.....				
Cotton:					Chemicals and dyestuffs.....				
Pounds.....					Cost.....				
Cost.....					All other materials.....				
Tailor's chippings, rags, etc.:					<b>PRODUCTS.</b>				
Pounds.....					<b>Total value.....</b>				
Cost.....					<b>All-wool woven goods:</b>				
Shoddy, mungo, and wool extract purchased:					Square yards.....				
Pounds.....					Value.....				
Cost.....					Wool cloths, deckings, casimere, chevots, etc.—				
Waste and parts of wool, mohair, camel's hair, etc., purchased:					Square yards.....				
Pounds.....					Value.....				
Cost.....					Worsted coatings, serges, and suitings—				
Tops purchased:					Square yards.....				
Pounds.....					Value.....				
Cost.....									

<sup>1</sup> Not reported separately.

<sup>2</sup> In addition, in 1909, woolen and worsted goods, to the value of \$1,281,292, and in 1904, to the value of \$362,966, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

Table 55—Continued.

	1900	1904	1899		1900	1904	1899
PRODUCTS—continued.				PRODUCTS—continued.			
All-wool woven goods—Continued.				Cotton-warp woven goods—Contd.			
Woolen overcoatings, cloaks, jerseys, etc.—				Worsted filling dress goods, cashmeres, serges, mohairs, etc.—			
Square yards.....	14,697,770	22,411,530	18,729,194	Square yards.....	63,112,381	49,390,269	4,784,011
Value.....	\$11,259,836	\$16,904,112	\$16,131,709	Value.....	\$14,738,958	\$12,711,354	\$10,423,296
Worsted overcoatings and cloaks—				Wool filling dress goods and repellents—			
Square yards.....	654,404	1,057,668	877,133	Square yards.....	12,916,960	12,139,080	7,496,898
Value.....	\$821,688	\$546,170	\$567,300	Value.....	\$2,741,816	\$3,230,561	\$1,890,488
Wool dress goods, sackings, tricots, etc., and opera and similar flannels—				Domestic flannels and shirtings—			
Square yards.....	29,099,956	48,874,206	33,594,212	Square yards.....	4,571,705	4,285,838	4,555,013
Value.....	\$16,385,488	\$19,826,017	\$12,976,489	Value.....	\$911,967	\$769,476	\$976,405
Worsted dress goods, cashmeres, serges, hunting, etc.—				Linnings, Italian cloths, and lastings—			
Square yards.....	105,801,349	66,428,825	57,712,086	Square yards.....	28,928,148	17,619,325	10,157,039
Value.....	\$54,030,376	\$27,802,181	\$16,316,392	Value.....	\$9,008,799	\$4,505,927	\$2,228,434
Carriage cloths—				Blankets—			
Square yards.....	1,782,855	1,741,765	1,220,408	Square yards.....	9,746,841	9,267,144	11,107,104
Value.....	\$947,862	\$964,557	\$696,999	Value.....	\$2,684,919	\$2,219,342	\$7,241,342
Flannels for underwear—				Horse blankets—			
Square yards.....	3,856,353	8,710,131	9,324,720	Square yards.....	4,210,998	6,307,836	5,702,515
Value.....	\$1,267,771	\$2,045,858	\$2,344,559	Value.....	\$1,570,942	\$1,083,154	\$1,252,824
Blankets—				Carriage robes—			
Square yards.....	5,137,963	7,316,179	5,454,173	Square yards.....	2,889,440	1,300,106	1,250,233
Value.....	\$3,228,797	\$2,751,029	\$2,316,968	Value.....	\$1,296,386	\$1,139,217	\$815,233
Horse blankets—				All other—			
Square yards.....	247,395	740,237	514,932	Square yards.....	327,664	327,664	327,576
Value.....	\$185,430	\$418,219	\$256,211	Value.....	\$1,396,386	\$1,139,217	\$1,252,824
Woven shawls—				Upholstering goods and sundries—			
Square yards.....	704,153	895,777	600,104	Woolen and worsted—			
Value.....	\$494,383	\$557,370	\$500,323	Square yards.....	1,176,542	1,060,739	447,568
All other—				Value.....	\$1,528,648	\$908,537	\$742,121
Square yards.....	463,179	310,603	615	All other—	\$487,682	\$716,296	\$2,167,606
Value.....	\$167,194	\$267,375	\$10	Partially manufactured products for sale—			
Union, or cotton mixed, woven goods—				Yarns—			
Square yards.....	37,433,351	63,197,407	57,334,570	Woolen—			
Value.....	\$14,327,973	\$26,288,407	\$23,111,696	Pounds.....	28,320,493	42,878,320	32,669,851
Unions, tweeds, chevils, cassimeres, etc.—				Worsted—			
Square yards.....	18,917,478	35,103,110	20,767,915	Pounds.....	88,323,953	55,475,235	143,003,343
Value.....	\$7,780,854	\$15,050,726	\$13,695,830	Value.....	\$80,395,543	\$40,142,077	\$30,081,425
Overcoatings and cloaks—				Woolen, union or merino—			
Square yards.....	4,281,729	5,373,053	6,087,366	Pounds.....	10,246,625	8,824,064	8,116,156
Value.....	\$2,361,797	\$3,353,788	\$3,518,613	Value.....	\$2,143,416	\$2,538,018	15,974,567
Sackings, tricots, dress goods, and opera and similar flannels—				Worsted, union or merino—			
Square yards.....	4,319,539	11,690,740	11,176,752	Pounds.....	3,761,737	3,314,949	44,668,123
Value.....	\$1,766,721	\$4,926,856	\$3,669,584	Value.....	\$3,522,812	\$2,460,538	814,156
Flannels for underwear—				All other—			
Square yards.....	7,063,572	7,273,761	6,217,094	Pounds.....	3,195,553	2,799,060	4,536,105
Value.....	\$1,308,369	\$1,528,928	\$1,284,578	Value.....	\$974,570	\$1,162,795	\$1,451,390
Blankets—				Worsted tops and slubbing—			
Square yards.....	1,717,758	3,114,110	1,530,696	Pounds.....	11,321,279	4,772,882	( )
Value.....	\$650,714	\$1,198,706	\$561,649	Value.....	88,027,291	\$2,855,171	( )
All other—				Noils—			
Square yards.....	1,153,205	642,633	1,554,747	Pounds.....	27,479,293	15,379,600	12,176,843
Value.....	\$447,934	\$229,693	\$381,442	Value.....	88,398,589	\$4,863,976	\$3,354,187
Cotton-warp woven goods—				Waste—			
Square yards.....	210,346,081	182,037,061	152,878,584	Pounds.....	24,087,580	17,946,076	8,165,294
Value.....	\$62,265,854	\$50,058,293	\$42,437,799	Value.....	\$1,324,912	\$2,148,185	\$1,229,669
Wool filling casimeres, doekskins, jeans, tweeds, coatings, etc.—				All other products.....	\$3,250,857	\$3,924,232	\$3,019,906
Square yards.....	45,244,866	34,602,162	37,160,449	Waste on materials for others.....	\$3,026,255	\$1,388,557	\$1,568,781
Value.....	\$12,107,320	\$10,877,061	\$11,024,538				
Worsted filling casimeres, doekskins, jeans, tweeds, coatings, etc.—				MACHINERY.			
Square yards.....	29,220,232	16,688,620	12,663,719	Sets of cards.....	6,315	6,990	15,695
Value.....	\$15,009,081	\$6,969,402	\$7,207,508	Woolen.....	4,500	5,178	11,857
Wool filling overcoatings and cloaks—				Worsted.....	1,861	1,867	425
Square yards.....	2,075,502	8,198,406	3,917,498	Cotton.....	234	425	2,007,697
Value.....	\$771,879	\$2,478,878	\$1,430,430	Spindles.....	4,387,549	3,747,934	3,277,607
Satinets and linseys—				Frothing.....	3,583,194	3,228,423	2,873,628
Square yards.....	5,102,460	22,339,112	13,051,729	Doubling and twisting.....	734,446	519,511	404,979
Value.....	\$912,182	\$4,074,800	\$2,873,181	Looms, all classes.....	72,532	63,967	61,396
				Wool-combing machines.....	1,978	1,470	1,317

<sup>1</sup> Worsted tops and slubbing included with worsted yarn.

<sup>2</sup> Cards not fully reported.

### IRON AND STEEL.

Tables 56 to 61, inclusive, present statistics for blast furnaces, steel works and rolling mills, tin andterne plate plants, and wire mills. In many establishments other industries are carried on in connection with the operations of steel works and rolling mills. In these cases a separation of the data for the industries as defined by the Census Bureau was secured by taking separate reports for the different departments of the respective establishments. In this way the statistics for blast furnaces operated in connection with steel

works were segregated and combined with those for furnaces independently operated, and the statistics for the tin andterne plate dipping departments of establishments which also roll the black plate were separated and combined with those for establishments which dip only purchased plate. Statistics for the finished wire products of mills which roll wire rods as well as draw wire and manufacture wire nails, fencing, etc., were secured and are given in combination with those for wire mills which manufacture only from purchased wire rods. The finished wire products manu-

factured in rolling mills are, however, included in the products of these mills, so that the statistics for wire mills and rolling mills to this extent duplicate each other. It should also be explained that the rolling-mill departments of tin and terne plate establishments are credited with their entire output of black plate, as if it were produced for sale instead of for further treatment at the same establishment.

**Blast furnaces.**—The statistics for the blast-furnace industry are given in the following table.

In 1909, 25,651,798 tons of pig iron, valued at \$387,830,443, were produced and in 1899, 14,447,791 tons, valued at \$206,512,755, the increase in quantity during the decade being 77.5 per cent and that in value 87.8 per cent. Since 1904 was a year of par-

tial depression in the iron and steel industry and the pig-iron product was less in that year than in 1903 or 1902, neither the small increases shown in quantity and value for 1904 as compared with 1899 nor the large increases shown for 1909 as compared with 1904 are representative of the normal rate of growth for the industry. Features in the development of the industry are the increase in the proportion of pig iron produced for consumption in other departments of the works of the producing company and the increase in the proportion of the product passed on in a molten condition to undergo further processes without being cast into pigs. The *ton of 2,240 pounds* is used in showing quantities except when otherwise stated.

Table 56

	1909	1904 <sup>1</sup>	1899 <sup>1</sup>		1909	1904 <sup>1</sup>	1899 <sup>1</sup>
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
<b>Total cost</b> .....	\$320,637,899	\$178,941,916	\$131,908,656	<b>Pig iron, classified according to disposition—Continued.</b>			
Iron ore.....				Produced for sale—			
Tons.....	48,353,677	30,022,862	25,266,894	Tons.....	9,793,595	6,697,080	(*)
Cost.....	\$187,264,601	\$100,945,369	\$65,902,922	Value.....	\$185,943,426	\$90,045,530	(*)
Domestic.....							
Tons.....	46,005,939	29,202,944	24,612,511	<b>Pig iron, classified by grades (tons):</b>			
Cost.....	\$177,589,789	\$90,206,246	\$61,795,473	Bessemer, 0.04 to 0.10 per cent			
Foreign.....				in phosphorus.....	10,447,052	8,894,584	8,475,530
Tons.....	1,747,747	\$29,918	754,383	Low phosphorus (below 0.04 per			
Cost.....	\$9,674,812	\$4,739,123	\$4,107,449	cent in phosphorus).....	248,720	102,795	
Mill-ender, scrap, etc.:.....				Basic.....	7,741,759	2,553,949	937,439
Tons.....	1,982,330	1,865,385	1,600,313	Fomdry.....	5,539,410	5,675,319	3,510,300
Cost.....	\$5,544,859	\$3,839,961	\$3,772,383	Forge and mill.....	386,685	961,577	1,057,626
Fluxes.....				Malleable Bessemer.....	934,211	216,964	(*)
Tons.....	15,570,845	8,235,209	7,324,743	White, mottled, and miscellane-			
Cost.....	\$12,229,493	\$6,888,547	\$5,054,725	ous.....	110,810	96,627	208,323
Fuel.....				Direct castings.....	16,181	9,469	7,123
Tons.....	\$105,994,112	\$62,802,660	\$44,199,382	Ferrously.....	326,970	280,259	251,660
Coal.....				Spiegeleisen.....	142,223	169,630	161,672
Tons (2,000 pounds).....	31,436,536	19,739,671	16,461,533	Ferromanganese.....	82,208	57,072	51,878
Cost.....	\$102,134,423	\$57,126,997	\$38,976,770	Ferrosilicon, including Bessemer			
Charcoal.....				ferrosilicon (7 per cent or			
Tons.....	\$8,022,618	\$7,273,569	\$6,077,585	or over in silicon) and fer-			
Cost.....	\$2,787,026	\$2,521,887	\$1,823,881	rophosphorus.....	102,559	58,557	35,910
Anthracite coal.....				<b>Pig iron, classified by method of delivery</b>			
Tons.....	265,401	560,637	886,564	or casting (tons):.....			
Cost.....	\$904,102	\$1,812,779	\$2,297,419	Delivered in molten condition.....	12,107,686	5,898,744	(*)
Bituminous coal.....				Semi-cast.....	7,655,568	6,678,844	(*)
Tons.....	102,833	801,640	832,235	Machine cast.....	5,996,737	4,307,108	(*)
Cost.....	\$168,561	\$1,340,997	\$1,101,312	Chill cast.....	685,566	329,400	(*)
All other materials.....	\$9,594,824	\$4,474,214	\$12,574,241	Direct castings.....	16,181	9,469	7,123
<b>PRODUCTS.</b>				<b>EQUIPMENT.</b>			
<b>Total value</b> .....	\$391,429,283	\$231,822,707	\$206,756,587	<b>Furnaces in active establishments:</b>			
Pig iron.....				Completed stacks at end of year—			
Tons.....	25,651,798	16,623,625	14,447,791	Number.....	388	343	343
Value.....	\$387,830,443	\$228,911,116	\$206,512,755	Daily capacity, tons.....	101,447	78,180	54,425
All other products.....	\$3,598,840	\$2,911,591	\$243,802	Active during the year—			
<b>Pig iron, classified according to fuel used:</b>				Daily capacity, tons.....	98,973	73,884	(*) 325
Bituminous, chiefly coke.....				In course of construction at end			
Tons.....	4,208,686,572	14,909,029	12,253,818	of year—			
Value.....	\$309,684,630	\$203,814,049	\$173,763,001	Number.....	10	4	16
Anthracite coal and coke mixed				Daily capacity, tons.....	4,100	1,375	7,275
and anthracite alone.....							
Tons.....	670,691	1,303,094	1,841,837	<b>Pig-casting machines, number.....</b>	104	(*)	(*)
Value.....	\$10,962,150	\$18,103,982	\$26,678,705	Granulated slag pits:.....	85	47	(*)
Charcoal.....				Number.....	104	47	(*)
Tons.....	372,235	496,502	\$452,116	Annual capacity, tons.....	5,699,259	3,338,200	(*)
Value.....	\$7,183,637	\$6,993,088	\$6,070,959	Gas engines operated with blast-fur-			
<b>Pig iron, classified according to dispo-</b>				nace gas:.....			
osition:				Number.....	85	(*)	(*)
Produced for consumption in				Horsepower.....	168,040	(*)	(*)
works of company reporting—							
Tons.....	15,838,203	9,626,545	(*)				
Value.....	\$239,387,017	\$138,867,586	(*)				

<sup>1</sup> Not including the statistics for a blast furnace operated by a penal institution.  
<sup>2</sup> The figures for 1909 cover fuel for smelting only; those for 1904 and 1899 include fuel for steam raising.  
<sup>3</sup> Not including 2,486,700 bushels of charcoal and its pig iron, the cost of stumpage and labor being reported as expense.  
<sup>4</sup> Coal and coke mixed, 86,420 tons; balance coke.  
<sup>5</sup> Includes 52,992 tons of mixed charcoal and coke pig iron.  
<sup>6</sup> Not reported.

**Steel works and rolling mills.**—Table 57 presents comparative statistics of steel works and rolling mills, including those of forges and bloomeries. Section I of the table deals with materials. The second section deals with products. It shows separately each of the products properly designated as rolled and forged steel

and iron, but contains also a miscellaneous item, which includes the value added to such products in their conversion into more highly manufactured articles by the same establishment, so that the total includes the entire value of output of the establishments in the industry. This total and also the separate total for

rolled and forged products alone include no duplication of quantity or value of products within any given establishment itself, but there is considerable duplication due to the use of the product of one establishment as raw material for another establishment, whether the latter be owned by a separate concern or by the same company.

Section III of the table, headed "Steel," gives the entire quantity of crude steel produced by the steel works, including that subjected to further processes of manufacture whether by the establishment in which produced or by other establishments. The value of this steel appears, therefore, distributed among various items under Section II. Section IV of the table gives in detail the quantity and value of the more highly elaborated products made by the rolling mills themselves from the rolling-mill products specified in Section II. The entire value of these products appears in Section II, either as part of the various items of rolled products or in the miscellaneous item of value added to rolling-mill products by further manufacture. The fifth section of the table deals with products sold for export by rolling-mill concerns; it includes only the products so sold directly by the establishments producing them and not such as may be sent abroad by others who purchase from the manufacturer. The sixth section deals with equipment.

In 1909 the rolled, forged, and cast-steel products specifically classified aggregated 26,723,274 tons, valued at \$863,342,711, and in 1899, 15,055,626 tons, valued at \$510,906,040, the increase in tonnage being 77.5 per cent and in value 69 per cent. The *ton of 2,240 pounds* is used in showing quantities except when otherwise stated.

Table 57—Continued.

	1909	1904	1899
B. PRODUCTS.			
Total value.....	\$955,722,534	\$673,965,026	\$497,211,716
Rolled, forged, and other classified products, steel and iron:			
Tons.....	26,723,274	18,218,233	15,055,626
Value.....	\$863,342,711	\$355,288,243	\$510,906,040
Rails:			
Tons.....	2,858,599	4,194,005	4,221,337
Value.....	\$81,128,293	\$88,266,750	\$46,553,159
Bessemer steel—			
Tons.....	1,645,572	2,065,024	2,220,457
Value.....	\$44,747,315	\$54,627,488	\$46,501,979
Open-hearth steel, basic—			
Tons.....	1,215,027	128,635	—
Value.....	\$36,400,750	\$3,468,562	—
Rerolled or renewed rails—			
Tons.....	106,532	99,530	( <sup>1</sup> )
Value.....	\$2,683,017	\$2,480,328	( <sup>1</sup> )
Rail fastenings (splice bars, tie-plates, spikes, etc.)—			
Tons.....	396,911	174,055	( <sup>2</sup> )
Value.....	\$14,486,412	\$5,663,052	( <sup>2</sup> )
Structural shapes, not including plates used for making girders—			
Tons.....	2,122,630	954,537	856,983
Value.....	\$65,564,595	\$32,740,901	\$29,361,522
Steel—			
Tons.....	2,102,300	950,602	829,882
Value.....	\$64,833,466	\$31,985,701	\$28,309,966
Open-hearth—			
Tons.....	1,934,230	618,391	566,062
Value.....	\$59,759,948	\$21,496,531	\$19,928,249
Bessemer—			
Tons.....	108,070	133,671	263,800
Value.....	\$5,063,518	\$11,089,170	\$8,381,717
Iron—			
Tons.....	21,330	4,473	27,091
Value.....	\$711,127	\$145,200	\$1,051,556
Bars and rods, including merchant, shovel, finger, and horse-shoe bars, splice, chain, bolt, and nut rods, etc. (but not including wire rods, sheet and tin-plate bars, splice bars, and bars for reinforced concrete):			
Tons.....	3,784,248	—	—
Value.....	\$121,488,423	2,442,810	2,493,159
Bars for reinforced concrete:			
Tons.....	191,358	\$84,069,122	\$100,597,221
Value.....	\$5,588,963	—	—
Wire rods:			
Tons.....	2,285,279	1,792,704	916,587
Value.....	\$61,947,958	\$35,529,931	\$33,229,329
Plates and sheets, not including black plates or sheets for tinning, nail and tack plates, tie-plates, fishplates or armor plates:			
Tons.....	3,332,733	1,856,469	1,488,066
Value.....	\$132,272,393	\$77,802,001	\$68,109,223
Black plates, or sheets, for tinning:			
Tons.....	631,435	504,025	304,014
Value.....	\$30,955,967	\$23,297,079	\$20,967,806
Skip, flue and pipe:			
Tons.....	2,064,286	1,557,690	—
Value.....	\$64,514,728	\$46,780,202	—
Hoops, bands, and cotton ties:			
Tons.....	34,043	337,223	\$49,159,747
Value.....	\$10,429,681	\$12,760,010	—
Nail and tack plates:			
Tons.....	68,557	86,601	97,664
Value.....	\$2,540,022	\$2,402,076	\$3,116,528
Axles, car, locomotive, automobile, wagon, carriage, etc., rolled or forged:			
Tons.....	102,348	83,585	102,666
Value.....	\$3,831,344	\$2,873,829	\$4,482,937
Armor plates, gun forging, and ordnance:			
Tons.....	26,845	24,433	15,302
Value.....	\$10,649,079	\$10,549,620	\$7,526,479
Other work of same company:			
Tons.....	4,887,296	—	—
Value.....	\$108,514,747	—	—
Rolled forging blooms and billets produced for sale or for transfer to other works of same company:			
Tons.....	84,383	4,823,585	4,172,286
Value.....	\$2,247,133	\$109,611,104	\$96,321,887
Sheet and tin-plate bars produced for sale or for transfer to other works of same company:			
Tons.....	1,652,761	—	—
Value.....	\$37,745,269	—	—
Muck and scrap bar produced for sale or for transfer to other works of same company:			
Tons.....	174,496	150,926	203,681
Value.....	\$4,081,211	\$3,940,998	\$5,940,587
All other rolled steel or iron:			
Tons.....	566,627	377,665	506,880
Value.....	\$39,570,601	\$16,743,727	\$19,202,686

Table 57

	1909	1904	1899
I. MATERIALS.			
Total cost.....	\$957,500,856	\$444,204,430	\$390,895,277
Iron and steel:			
For furnaces and hot rolls—			
Tons.....	30,388,765	22,235,682	18,414,717
Cost.....	\$510,769,588	\$349,971,512	\$310,726,895
Pig iron and ferroalloys—			
Tons.....	19,076,889	12,191,228	10,411,281
Cost.....	\$297,471,122	\$172,101,436	\$104,064,348
Pig iron—			
Tons.....	18,712,304	( <sup>1</sup> )	( <sup>1</sup> )
Cost.....	\$282,663,740	( <sup>1</sup> )	( <sup>1</sup> )
Ferroalloys—spiegeleisen, ferro-manganese, etc.—			
Tons.....	364,585	( <sup>1</sup> )	( <sup>1</sup> )
Cost.....	\$14,807,382	( <sup>1</sup> )	( <sup>1</sup> )
Scrap, including old rails not intended for re-rolling—			
Tons.....	4,803,617	5,124,277	4,126,980
Cost.....	\$72,722,831	\$67,601,248	\$66,822,621
Ingot, blooms, billets, slabs, muck and scrap bar, re-rolling rails, and sheet and tin-plate base—			
Tons.....	6,508,249	4,920,177	3,876,456
Cost.....	\$145,575,635	\$110,268,828	\$97,809,926
Rolls for use for further manufacture—			
Skip—			
Tons.....	176,717	209,643	( <sup>1</sup> )
Cost.....	\$5,706,856	\$7,331,935	( <sup>1</sup> )
Wire rods—			
Tons.....	146,425	161,914	136,725
Cost.....	\$4,225,605	\$4,774,385	\$5,419,617
Iron ore:			
Tons.....	833,338	549,995	346,310
Cost.....	\$4,292,963	\$2,296,792	\$1,348,809
All other materials.....	\$127,480,754	\$76,729,810	\$68,399,966

For footnotes, see page 490.

Table 37—Continued.

	1909	1904	1899	1909	1904	1899
<b>II. PRODUCTS—continued.</b>						
Rolled, forged, and other classified products, steel and iron—Continued.						
Ingots produced for sale or for transfer to other works of same company:						
Tons	142,745	196,404	103,707			
Value	\$3,593,736	\$3,985,310	\$2,781,145			
Direct steel castings:						
Tons	504,856	287,325	177,156			
Value	\$38,852,448	\$20,609,156	\$14,669,893			
All other forged steel and iron, not including remanufactures of rolling-mill products:						
Tons	365,966	274,061	81,009			
Value	\$18,740,241	\$15,684,967	\$6,665,741			
All other products:						
Miscellaneous steel and iron products not rolled, including value added to iron and steel rolling-mill products by further manufacture	\$86,534,349	\$61,977,284	(*)			
Scrap steel or iron produced for sale or for transfer to other works of same company:						
Tons	1,238,554	877,177	(*)			
Value	\$18,163,624	\$11,079,831	(*)			
All products other than steel and iron						
Value	\$17,681,830	\$15,019,668	(*)			
<b>III. STEEL.</b>						
Total production:						
Tons	4,233,478	4,133,666,438	4,085,009			
Value (included above)	\$478,736,988	\$269,884,712	\$212,538,875			
Classified according to process:						
Open-hearth:						
Tons	14,192,278	5,817,957	3,044,356			
Value	\$269,528,201	\$120,322,707	\$71,855,172			
Basic:						
Tons	13,210,419	5,062,152	2,153,835			
Value	\$262,529,822	\$94,360,927	\$43,369,306			
Acid:						
Tons	961,899	755,805	890,521			
Value	\$30,998,379	\$25,931,780	\$28,345,666			
Bessemer:						
Tons	9,174,067	7,768,141	7,532,628			
Value	\$177,064,770	\$134,549,880	\$132,113,984			
Crucible and miscellaneous:						
Tons	107,373	80,319	108,516			
Value	\$8,144,011	\$6,012,425	\$8,569,719			
Classified according to form:						
Ingots:						
Tons	22,968,362	13,379,083	10,507,844			
Value	\$439,874,540	\$240,284,576	\$197,928,982			
Castings:						
Tons	504,856	287,325	177,156			
Value	\$38,862,448	\$20,609,156	\$14,669,893			
Duplex process—open-hearth steel partly purified in Bessemer converters before finishing in open-hearth furnaces (included above), tons						
	822,682	(*)	(*)			
Alloyed steel, nickel, tungsten, titanium, chrome, vanadium, etc. (included above), tons						
	158,216	(*)	(*)			
Classified according to process:						
Open-hearth:						
Basic	100,335	(*)	(*)			
Acid	86,242	(*)	(*)			
Bessemer	14,693	(*)	(*)			
Crucible and miscellaneous	45,324	(*)	(*)			
Value	12,557	(*)	(*)			
Classified according to form:						
Ingots:						
Tons	151,300	(*)	(*)			
Castings	6,916	(*)	(*)			
<b>IV. MANUFACTURES FROM ROLLING-MILL PRODUCTS.</b>						
(Made in mill producing, value previously included.)						
Wire and wire products:						
Tons (2,000 pounds)	1,634,854	1,416,494	879,256			
Value	\$71,624,924	\$67,531,443	\$47,728,784			
Pipes and tubes:						
Wrought welded—						
Tons	1,314,771	849,647	(*)			
Value	\$68,471,573	\$43,985,728	(*)			
Seamless, hot-rolled or drawn—						
Tons	54,273					
Value	\$5,650,739					
All other, including climebed, riveted, etc., but not including cast:						
Tons	17,561	20,636	(*)			
Value	\$866,699	\$2,290,234	(*)			
Bolts, nuts, rivets, forged spikes, washers, etc.:						
Keys (200 pounds)	4,471,065	3,185,827	(*)			
Value	\$29,538,868	\$18,854,635	(*)			
Cut nails and spikes:						
Keys (100 pounds)	1,069,319	1,311,569	1,658,443			
Value	\$2,319,207	\$2,394,108	\$3,292,083			
<b>IV. MANUFACTURES FROM ROLLING-MILL PRODUCTS—continued.</b>						
Horse and snare shoes:						
Keys (200 pounds)	696,383	768,253	(*)			
Value	\$7,202,897	\$5,483,137	(*)			
Springs, car, furniture, and all other, not including wire springs:						
Tons	6,191	22,022	(*)			
Value	\$374,924	\$1,706,652	(*)			
Switches, dogs, crossings, etc.:						
Tons	28,608	(*)	(*)			
Value	\$2,471,008	(*)	(*)			
Galvanized plates or sheets:						
Tons	431,658	(*)	(*)			
Value	\$25,912,056	(*)	(*)			
Stamped ware:						
Tons	24,612	(*)	(*)			
Value	\$2,286,707	\$269,923	(*)			
Shovels, spades, scoops, etc.	\$540,321	\$410,500	(*)			
<b>V. PRODUCTS SOLD FOR EXPORT.</b> (By establishments producing.)						
Total tons						
	867,646	(*)	(*)			
Rails:	317,455	(*)	(*)			
Rail fastenings:	20,118	(*)	(*)			
Pipes and tubes, wrought welded:	89,577	(*)	(*)			
Sheet and tin-plate bars:	85,122	(*)	(*)			
Plates and sheets:	80,706	(*)	(*)			
Galvanized plates or sheets:	79,246	(*)	(*)			
Structural shapes:	69,764	(*)	(*)			
Bars and rods:	48,938	(*)	(*)			
Wire rods:	18,778	(*)	(*)			
Blowms, billets, and slabs:	18,021	(*)	(*)			
Skelp:	10,703	(*)	(*)			
Miscellaneous:	28,457	(*)	(*)			
<b>VI. EQUIPMENT.</b>						
Steel plants: Daily capacity of steel furnaces and converters, tons of steel, double turn						
	108,716	76,482	53,745			
Open-hearth furnaces—						
Number	687	481	307			
Daily capacity, tons of steel, double turn	61	34,243	18,245			
Basic—						
Number	549	339	168			
Daily capacity, tons of steel, double turn	55,273	26,902	12,151			
Acid—						
Number	138	142	139			
Daily capacity, tons of steel, double turn	6,328	7,341	6,054			
Converters, Bessemer or modified Bessemer—						
Number	101	81	70			
Daily capacity, tons of steel, double turn	48,257	41,448	34,925			
Crucible furnaces—						
Number	283	146	159			
Number of pots that can be used at a beat	3,840	2,457	2,528			
Daily capacity, tons of steel, double turn	840	603	573			
All other steel furnaces—						
Number	16	36	(*)			
Daily capacity, tons of steel, double turn	292	98	56			
Metal mixers—						
Number	50	(*)	(*)			
Capacity, tons	14,343	(*)	(*)			
Rolling mills: Daily capacity of rolled steel and iron, double turn, tons						
	150,403	105,591	86,964			

\* Includes materials purchased or transferred to the establishment reporting from other works of same company.

† Not reported separately.

‡ In addition, steel castings and rolled steel valued at \$6,627,609 in 1909 and \$7,424 in 1904 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

§ Includes 300 tons of iron rails, valued at \$20,700, in 1904, and 880 tons, valued at \$31,360, in 1899.

¶ Includes 149,688 tons of steel, valued at \$4,537,625, not distributable by kind into open-hearth or Bessemer.

\*\* In 1909, 49,681 tons of steel, valued at \$4,140,344, in 1909, and 4,184 tons, valued at \$47,264, in 1904, distributed as to tonnage as indicated below; were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

	1909	1904
Tons of steel	49,481	4,184
Classified according to process:		
Open-hearth	36,099	2,440
Bessemer	6,066	774
Crucible and miscellaneous	7,316	970
Classified according to form:		
Ingots	8,102	
Castings	44,379	4,184

† Not reported.

The following table gives, for 1909, statistics of materials consumed, classified as purchased or as produced by the establishment consuming, and statistics of products, classified as sold or as consumed by the establishment producing. This information was not secured at former censuses. Eighty per cent of the pig iron used was made in blast furnaces operated by the consumer. The difference between the 15,252,736 tons of pig-iron material reported as produced by the consumer and the 15,858,203 tons reported in the table for blast furnaces as made for consumption in works of the producer—a little over 600,000 tons—represents the consumption in foundries and other shops owned by the producing companies but not covered by the preceding table.

Table 58

MATERIAL.	QUANTITY (TONS).			
	Total.	Produced by the company reporting—		
		In the works where consumed.	Transferred from other works of the company.	Purchased.
<i>Produced and purchased.</i>				
Pig iron and ferroalloys.....	15,076,889		15,252,736	3,824,153
Pig iron.....	18,712,304		15,108,244	3,904,060
Ferroalloys—spiegeleisen, ferromanganese, etc.....	364,585		144,492	220,093
Scrap.....	9,929,710	5,126,093	775,843	4,029,774
Ingot, blooms, billets, slabs, muck and scrap bar, rolling rails, and sheet and tin-plate bars, not produced in the works.....	6,508,249		3,080,622	3,427,577
Skeps.....	1,578,289	1,401,573	35,221	141,496
Wire rods.....	1,465,221	1,318,798	128,291	18,144
PRODUCT.	QUANTITY (TONS).			
	Total.	For consumption—		
		In the works producing.	Transferred to other works of the company.	For sale.
<i>Consumed and sold.</i>				
Steel ingots.....	22,968,302	22,826,117	112,301	30,444
Open-hearth.....	13,725,783	13,026,241	72,433	27,109
Basic.....	12,052,840	12,864,314	69,316	18,211
Acid.....	772,943	701,727	2,618	2,908
Bessemer.....	9,145,242	9,103,816	39,726	2,000
Crucible and miscellaneous.....	67,537	56,091	142	1,335
Blooms, billets, and slabs.....	10,203,418	11,375,622	3,045,977	1,841,816
Rolled forging blooms and billets.....	160,957	76,014		164,383
Bars and rods.....	1,366,324	1,191,828	20,063	154,431
Sheet and tin-plate bars.....	2,054,308	441,637	27,353	1,625,408
Wire rods.....	3,784,248	632,679		3,151,569
Plates and sheets.....	2,285,279	1,918,706		311,222
Black plates and sheets.....	3,322,733	463,665	61,954	2,807,114
Skeps.....	631,433	1,401,573	575,100	56,275
Mail and tack plates.....	462,071	42,690		393,377
Miscellaneous rolled iron or steel.....	365,986	64,548	2,113	301,488
Miscellaneous forged iron or steel.....	6,364,647	5,126,093	398,436	849,118

**Tin and terne plate.**—The statistics for the tin and terne plate industry are given in the following table. Nearly 98 per cent of the black plates dipped were rolled by the establishment reporting. The value of all products was \$47,969,645 in 1909 as compared with \$31,892,011 in 1899, an increase of 50.4 per cent. The development of the tin and terne plate

industry has taken place almost entirely within the last 20 years, the production in 1891 being only about 2,236,000 pounds, or less than one five-hundredth of the 1909 output.

Table 59

	1909	1904	1899
<b>MATERIALS.</b>			
<b>Total cost</b> .....	<b>\$41,889,434</b>	<b>\$31,375,714</b>	<b>\$26,728,150</b>
Black plates or sheets:			
Pounds.....	1,321,071,691	1,019,608,657	827,915,599
Cost.....	828,981,151	322,992,006	230,668,848
Produced by the establishment reporting:			
Pounds.....	1,291,048,109	943,798,583	( <sup>1</sup> )
Cost.....	828,245,234	321,154,388	( <sup>1</sup> )
Purchased:			
Pounds.....	30,023,582	\$ 75,810,074	( <sup>2</sup> )
Cost.....	\$735,917	\$1,837,618	( <sup>2</sup> )
Coating metals:			
Pounds.....	40,927,759	32,445,104	27,154,258
Cost.....	\$9,670,037	\$7,075,722	\$4,927,090
Tin, including tin contents of terne mixture purchased:			
Pounds.....	31,077,651	24,243,551	20,282,778
Cost.....	\$9,235,718	\$6,709,164	\$4,528,473
Lead, including lead contents of terne mixture purchased—			
Pounds.....	9,850,108	8,201,253	6,871,480
Cost.....	\$434,319	\$366,538	\$308,617
<i>In condition purchased—</i>			
Pig tin—			
Pounds.....	28,586,267	( <sup>3</sup> )	( <sup>3</sup> )
Cost.....	\$8,400,794	( <sup>3</sup> )	( <sup>3</sup> )
Pig lead—			
Pounds.....	2,708,496	( <sup>4</sup> )	( <sup>4</sup> )
Cost.....	\$117,656	( <sup>4</sup> )	( <sup>4</sup> )
Terne mixture—			
Pounds.....	9,632,996	( <sup>5</sup> )	( <sup>5</sup> )
Cost.....	\$1,061,587	( <sup>5</sup> )	( <sup>5</sup> )
All other materials.....	\$3,238,246	\$1,307,986	\$1,132,212
<b>PRODUCTS.</b>			
<b>Total value</b> .....	<b>\$47,969,645</b>	<b>\$33,283,360</b>	<b>\$31,892,011</b>
Tin and terne plates:			
Pounds.....	1,315,313,132	1,026,384,851	849,004,022
Value.....	\$45,815,146	\$34,549,343	\$31,284,145
Tin plates—			
Pounds.....	1,123,968,875	867,526,985	707,718,231
Value.....	\$38,259,885	\$28,429,971	\$25,583,021
Terne plates—			
Pounds.....	191,344,257	158,857,866	141,285,793
Value.....	\$7,555,261	\$6,719,372	\$5,701,124
Other sheet iron or sheet steel tinned or terne-plated, tagers tin, etc.:			
Pounds.....	19,409,934	6,555,855	1,000,473
Value.....	\$520,465	\$217,476	\$86,492
All other products.....	\$1,634,034	\$516,341	\$521,374
<b>EQUIPMENT.</b>			
<i>Tin or terne sets at end of year:</i>			
Completed—			
Number.....	563	598	* 585
Usually employed on tin plates.....	450	478	( <sup>6</sup> )
Usually employed on terne plates.....	113	120	( <sup>6</sup> )
Daily capacity, single turn, pounds.....	2,795,972	3,261,298	2,732,901
Tin plates.....	2,085,915	2,694,115	2,003,338
Terne plates.....	707,057	567,183	729,563
Daily capacity as operated, whether on single, double, or triple turn, pounds.....	7,016,263	7,121,350	( <sup>7</sup> ) * 53
Building, number.....	49	( <sup>8</sup> )	( <sup>8</sup> )
<i>Black-plate department of establishments making their black plates:</i>			
Hot black-plate mills at end of year—			
Completed—			
Number.....	335	315	* 332
Annual capacity on triple turn, long tons.....	1,042,085	707,405	641,450
Building—			
Number.....	20	( <sup>9</sup> )	* 23
Annual capacity on triple turn, long tons.....	36,600	( <sup>9</sup> )	51,275
Cold mills, completed, number.....	208	( <sup>10</sup> ) 272	* 308

<sup>1</sup> Domestic; no foreign plates reported; includes 8,726,538 pounds of iron plates; balance steel, not distributable by kind of steel.

<sup>2</sup> Includes 8,900 pounds of foreign plates, costing \$3,769; the domestic plates reported were distributed by kind as follows: Bessemer steel, 911,663,989 pounds; open-hearth steel, 10,511,401 pounds; iron, 949,267 pounds.

<sup>3</sup> Includes 2,338,607 pounds of foreign plates, costing \$78,282.

<sup>4</sup> Not reported.

<sup>5</sup> Consumption of establishments not equipped for the manufacture of black plates.

<sup>6</sup> Terne mixture purchased not reported separately; contents reported as tin and lead.

<sup>7</sup> In addition 8,389,200 pounds of tin and terne plate and tagers tin, valued at \$38,145, made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>8</sup> Includes idle establishments.

Wire.—The following table presents the statistics for wire manufactures in 1909. Comparable statistics in detail for 1904 and 1899 are not available for the total wire production, as special reports were not secured prior to the present census from wire mills drawing wire from purchased rods. The total value of the steel and iron wire product more than doubled from 1899 to 1909. The total value of all wire and manufactures of wire reported in 1909 was \$173,349,614, of

which 69.6 per cent represents the value of products made from steel and iron, 27.2 per cent that of products made from copper, and 3.2 per cent that of products made from other metal, chiefly brass. Establishments rolling wire from rods manufactured by them reported 54.3 per cent of the wire products in value, and mills drawing wire from purchased rods produced 45.7 per cent. The *ton of 2,000 pounds* is used in showing quantities.

Table 60

	Total.	Wire mills (wire rods purchased).	Wire departments of rolling mills <sup>1</sup> (wire rods rolled).		Total.	Wire mills (wire rods purchased).	Wire departments of rolling mills <sup>1</sup> (wire rods rolled).
<b>PRINCIPAL MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
<b>Metal used, cost.....</b>	<b>\$115,655,427</b>	<b>\$51,346,373</b>	<b>\$64,415,054</b>	<b>Wire and manufactures of wire—Contd.</b>			
<b>Wire rods.....</b>	\$112,799,516	\$30,810,983	\$61,988,533	<b>Steel and iron—Continued.</b>			
Steel.....				Barb wire.....	323,563	76,268	247,297
Tons.....	2,514,504	850,729	1,663,775	Value.....	\$13,881,317	\$3,343,850	\$10,537,467
Cost.....	\$67,439,887	\$23,021,867	\$44,418,020	Woven wire, fencing, and poultry netting.....			
Open-hearth.....				Tons.....	422,127	115,889	306,238
Tons.....	1,359,296	285,961	1,073,295	Value.....	\$21,419,170	\$6,724,077	\$14,695,093
Cost.....	\$38,532,177	\$8,346,361	\$29,995,516	Wire rope and strand.....			
Basic.....				Tons.....	45,303	34,140	11,163
Tons.....	1,255,747	233,103	1,022,642	Value.....	\$6,683,771	\$5,450,064	\$1,233,707
Cost.....	\$35,046,100	\$6,695,310	\$28,349,760	Other manufactures—springs, bale ties, cold-rolled flat wire, etc.....			
Acid.....				Tons.....	129,945	71,906	58,039
Tons.....	103,509	52,856	50,653	Value.....	\$19,856,154	\$6,130,901	\$4,725,253
Cost.....	\$3,486,071	\$1,841,051	\$1,645,020	Copper.....			
Bessemer.....				Tons.....	154,231	102,604	51,627
Tons.....	1,148,333	558,048	590,305	Value.....	\$47,184,164	\$30,831,646	\$16,352,518
Cost.....	\$28,340,445	\$13,936,178	\$14,404,267	Wire drawn for sale.....			
Crucible and other steel.....				Tons.....	139,482	102,418	37,064
Tons.....	6,895	6,720	173	Value.....	\$42,336,274	\$30,736,728	\$11,599,546
Cost.....	\$367,265	\$549,328	\$17,937	Manufactures of wire—			
Iron.....				Tons.....	14,749	184	14,565
Tons.....	4,849	1,055	3,794	Value.....	\$4,847,890	\$96,918	\$4,752,972
Cost.....	\$307,846	\$62,203	\$145,643	Other metal.....			
Copper.....				Tons.....	17,407	1,048	16,359
Tons.....	151,961	102,394	49,557	Value.....	\$5,579,813	\$484,019	\$5,095,794
Cost.....	\$40,916,084	\$27,462,312	\$13,453,772	Wire drawn for sale.....			
Other metal.....				Tons.....	15,583	1,008	14,575
Tons.....	17,944	905	17,039	Value.....	\$4,993,376	\$459,363	\$4,533,793
Cost.....	\$4,235,699	\$264,601	\$3,971,098	Manufactures of wire—			
Purchased wire, plain or coated:				Tons.....	1,824	40	1,784
Tons.....	57,922	8,943	48,979	Value.....	\$586,437	\$24,436	\$562,001
Cost.....	\$2,855,911	\$429,590	\$2,426,321	<b>All other products.....</b>	<b>\$6,733,908</b>	<b>\$5,236,649</b>	<b>\$1,497,259</b>
<b>PRODUCTS.</b>				<b>Wire drawn, whether for consumption or for sale, tons:</b>			
<b>Total value.....</b>	<b>\$180,083,822</b>	<b>\$84,486,518</b>	<b>\$95,597,004</b>	Steel and iron.....	2,389,136	787,322	1,601,814
<b>Wire, and manufactures of wire.</b>	<b>\$173,349,614</b>	<b>\$79,249,859</b>	<b>\$94,099,745</b>	Copper.....	147,166	101,800	45,266
Steel and iron.....				Other metal.....	17,411	1,051	16,360
Tons.....	2,471,538	521,329	1,949,929	<b>EQUIPMENT.</b>			
Value.....	\$120,883,637	\$47,094,204	\$72,861,433	<b>Wire-drawing blocks:</b>			
Wire drawn for sale—				Number.....	43,697	28,119	15,578
Plain.....	926,451	343,303	582,546	Annual capacity, tons.....	3,213,574	1,065,250	2,148,324
Value.....	\$38,845,061	\$18,832,655	\$20,022,046	<b>Wire-nail machines:</b>			
Coated—				Number.....	4,428	1,207	3,221
Tons.....	472,046	158,646	283,200	Annual capacity (less of 100 pounds).....	18,756,995	4,693,513	14,063,482
Value.....	\$22,632,230	\$11,349,868	\$11,282,362	<b>Woven-wire fence machines:</b>			
Coated—				Number.....	446	198	248
Tons.....	354,408	155,069	199,346	Annual capacity, tons.....	481,373	134,803	346,570
Value.....	\$16,212,851	\$7,473,167	\$8,739,684				
Wire nails and spikes—							
Kees (100 pounds).....	13,926,861	3,449,752	10,477,108				
Value.....	\$27,375,774	\$7,142,947	\$20,433,727				
Wire brads, tacks, and staples—							
Tons.....	28,125	7,334	20,791				
Value.....	\$1,324,170	\$320,224	\$1,003,946				

<sup>1</sup> Includes the wire departments of iron and steel, copper, and brass rolling mills.

<sup>2</sup> Brass, bronze, German silver, zinc, etc., chiefly brass.

<sup>3</sup> Includes rod, rebar, and fine wire brads.

The comparative statistics for steel and iron wire products, 1909, 1904, and 1899, are as follows:

Table 61	PRODUCT.	1909	1904	1899
	<b>Total value.....</b>	<b>\$120,585,637</b>	<b>\$83,363,906</b>	<b>\$62,871,387</b>
	Wire mills.....	\$47,934,204	\$15,862,513	\$5,142,603
	Wire departments of rolling mills:			
	Tons.....	1,649,929	1,416,494	879,296
	Value.....	\$72,651,433	\$67,551,443	\$47,728,784

#### LEATHER AND ITS PRODUCTS.

The primary or underlying industry of this group is the converting of hides and skins into leather by the various processes of tanning, tawing, currying, and finishing. The designation employed for this industry is "leather, tanned, curried, and finished." The group also includes the manufacture of boots and shoes and the manufacture of leather gloves and mittens.

**Leather.**—The following table gives the statistics of the leather industry in detail for 1909, 1904, and 1899.

The number of hides and skins treated, including those treated as custom work for others not tanners, curriers, or finishers, as well as those used in further manufacture by the establishments treating them, was 146,328,586 in 1909 and 131,011,956 in 1904. Comparative figures for this aggregate for 1899 are not available. Exclusive of custom work, 116,040,986 hides and skins, costing \$195,058,557, were treated by tanneries in 1909, and 99,709,343, costing \$123,545,969, in 1899, the increase in number being 16.4 per cent and that in cost 57.9 per cent. The increase for the decade in the number of hides used was 15.9 per cent;

that in calf and kip skins, 120.6 per cent; that in sheepskins, 6.4 per cent; and that in goatskins, less than 1 per cent.

The cost of purchased rough leather used increased 43.4 per cent and that of all other materials, which include tanning and finishing materials, 76.1 per cent.

The value of leather manufactured in 1909 was \$306,476,720, as compared with \$194,202,063 in 1899, an increase of 57.8 per cent, which is practically the same as the percentage of increase in the cost of hides and skins treated. There is considerable duplication in the value of products, due to the sale of leather in the rough as product of one establishment and its use as material in another.

Table 62

	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
Total cost.....	\$248,278,933	\$191,179,073	\$158,000,004	Leather—Continued.			
Hides <sup>1</sup> (all kinds):				Upper—Continued.			
Number.....	\$18,360,415	17,841,613	15,838,802	Finished up to—			
Cost.....	\$19,410,767	\$89,126,593	\$77,784,760	Number.....	8,134,229	6,205,050	8,790,382
Skins <sup>2</sup> :				Value.....	\$7,410,740	\$5,993,201	\$6,740,502
Number.....	97,680,571	90,625,064	83,870,481	Patent and enamelled shoe—			
Cost.....	\$75,647,790	\$56,341,332	\$45,761,209	Number.....	2,705,291	1,356,777	236,943
Calf and kip—				Value.....	\$8,341,727	\$3,335,332	\$1,092,534
Number.....	19,732,638	12,481,221	8,944,451	Horsehides and collars—			
Cost.....	\$31,790,572	\$15,735,616	\$10,792,485	Number.....	1,342,938	1,529,395	223,778
Goat—				Value.....	\$4,953,145	\$4,596,065	\$843,118
Number.....	48,077,694	47,065,003	48,046,897	Calf and kip skins, tanned and finished—			
Cost.....	\$27,853,214	\$26,756,012	\$24,930,223	Number.....	19,012,064	12,014,223	8,264,272
Sheep—				Value.....	\$42,412,256	\$22,568,325	\$14,619,150
Number.....	26,082,059	27,492,359	24,507,542	Grain finished—			
Cost.....	\$12,213,018	\$10,547,883	\$8,437,955	Number.....	17,516,910	10,211,885	7,112,859
All other—				Value.....	\$39,882,447	\$18,996,651	\$12,127,439
Number.....	13,788,209	2,983,381	2,371,488	Flesh finished—			
Cost.....	\$3,792,386	\$3,811,821	\$1,562,506	Number.....	1,496,154	1,802,338	1,151,413
Rough leather purchased	\$9,536,257	\$10,832,655	\$6,063,395	Value.....	\$2,429,809	\$3,311,784	\$2,401,711
Whole sides—				Goatskins, tanned and finished—			
Number.....	1,468,213	2,414,102	1,086,592	Number.....	47,807,211	43,691,492	47,043,322
Cost.....	\$4,967,781	\$8,136,661	\$3,534,097	Value.....	\$40,882,680	\$37,387,349	\$35,072,831
Grains—				Black—			
Sides.....	\$25,786	342,332	165,938	Number.....	40,351,192	40,018,614	38,176,810
Cost.....	\$1,291,842	\$389,260	\$467,125	Value.....	\$6,933,065	\$5,065,067	\$6,622,095
Split.....	\$1,442,505	\$1,108,243	\$1,220,589	Colored—			
All other.....	\$1,944,129	\$227,491	\$1,341,384	Number.....	7,556,019	5,671,878	8,867,116
All other materials.....	\$43,664,119	\$34,858,493	\$24,790,540	Value.....	\$6,933,065	\$5,065,067	\$6,622,095
<b>FINISHERS.</b>				Sheepskins, tanned and finished—			
Total value.....	\$327,874,187	\$252,620,896	\$204,038,127	Number.....	10,665,155	20,597,598	20,290,985
Leather.....	\$306,476,720	\$236,765,803	\$194,202,063	Value.....	\$12,259,687	\$11,168,829	\$8,352,735
Sole.....	\$88,311,713	\$69,268,600	\$55,481,625	Belting—			
Hemlock—				Sides.....	1,042,670	859,564	1,472,016
Sides.....	7,963,728	9,929,964	9,150,996	Value.....	\$6,995,133	\$4,754,456	\$7,092,778
Value.....	\$32,237,151	\$32,676,015	\$29,303,561	Harness—			
Oak—				Sides.....	3,046,235	4,369,561	3,444,616
Sides.....	3,805,861	3,697,963	2,562,814	Value.....	\$24,802,734	\$20,274,188	\$16,712,656
Value.....	\$8,083,793	\$10,137,801	\$11,359,839	Carriage, automobile, and furniture—			
Union—				Hides.....	1,398,842	827,104	619,741
Sides.....	5,736,227	4,800,011	3,696,162	Value.....	\$14,266,742	\$7,780,804	\$6,748,387
Value.....	\$28,375,845	\$17,371,780	\$12,807,262	Trunk, bag, and pocketbook.....	\$6,129,544	\$4,929,710	\$2,611,226
Chrome—				Bookbinder's.....	\$2,450,155	\$2,283,761	\$1,688,413
Sides.....	279,436	( <sup>3</sup> )	2,100	Glove.....	\$4,913,543	\$3,344,614	\$3,084,837
Value.....	\$1,634,954	( <sup>3</sup> )	\$8,966	Sold in rough.....	\$9,335,599	\$10,180,949	\$8,864,345
Upper, other than calf or kip skins.....	\$39,951,460	\$24,815,835	\$25,311,838	All other.....	\$11,746,369	\$14,042,268	\$10,117,454
Grain, satin, pebble, etc. (side leather)—				All other products.....	\$8,632,689	\$7,665,223	\$5,514,395
Sides.....	7,946,760	6,830,469	8,141,093	Work on materials for others.....	\$12,764,778	\$8,189,960	\$4,321,609
Value.....	\$24,168,993	\$13,487,252	\$17,478,502				

<sup>1</sup> In addition, in 1909, 1,903,278 hides and 27,966,887 skins and in 1904, 961,431 hides and 21,792,110 skins, were treated for others, not tanners, curriers, or finishers; and in 1909, 252,639 hides and 194,796 skins and in 1904, 12,433 hides and 39,285 skins were treated by establishments using the leather for further manufacture.

<sup>2</sup> Cattle hides only.

<sup>3</sup> Includes horsehides.

<sup>4</sup> In addition, in 1909, leather to the value of \$6,231,374, and in 1904 to the value of \$154,932, was tanned, curried, or finished and consumed by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>5</sup> Not reported separately.

**Boots and shoes.**—The full designation for this industry is "boots and shoes, including cut stock and findings." The total value of products was \$512,797,642 in 1909, as compared with \$357,688,160

in 1904 and \$290,047,087 in 1899, an increase for the decade of \$222,750,555, or 76.8 per cent. In addition, in 1909 there were boot and shoe products to the value of \$1,439,280, and in 1904 to the value of \$89,000,

made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The schedule employed did not call for segregation of value of products. The following table shows the number of pairs of the different kinds of shoes and slippers reported at each of the last three censuses.

KIND.	NUMBER OF PAIRS.		
	1909	1904	1899
Boots and shoes.....	247,643,197	216,039,401	185,389,173
Men's.....	91,888,802	81,414,222	87,742,830
Boys' and youths'.....	21,838,626	21,717,206	21,030,479
Women's.....	86,995,314	69,479,976	64,972,653
Misses' and children's.....	43,220,365	41,416,967	41,843,202
Slippers.....	17,507,834	17,518,291	17,022,841
Men's, boys', and youths'.....	4,802,841	4,401,097	4,446,965
Women's, misses', and children's.....	12,704,993	13,115,194	12,645,876
Infants' shoes and slippers.....	15,000,721	( <sup>1</sup> )	( <sup>1</sup> )
All other.....	4,865,429	8,552,343	5,283,405

<sup>1</sup> Not reported separately.

There were 247,643,197 pairs of boots and shoes manufactured in 1909, 216,039,401 pairs in 1904, and

195,589,173 pairs in 1899, the increase being 26.6 per cent for the decade and 14.6 per cent for the 1904-1909 period. In 1909 men's boots and shoes formed 37.9 per cent of the total number of boots and shoes; women's, 35 per cent; misses' and children's, 17.5 per cent; and boys' and youths', 9.6 per cent.

The total output of slippers reported for 1909 was 17,507,834 pairs, practically the same as at each of the two preceding censuses. The figures indicate a considerable decrease since 1904 in women's, misses', and children's slippers, but it is probable that infants' shoes and slippers, reported separately in 1909, were to some extent included with children's slippers in 1904.

The number of pairs of the different kinds of boots, shoes, and slippers manufactured by the various methods was reported for the first time in 1909, and is shown in the next table. Of the total number manufactured, 43.2 per cent were of the McKay type, 35.3 per cent machine or hand welt, 10.6 per cent turned, 8.8 per cent wire-screw or metal-fastened, and 2.1 per cent wooden-pegged.

KIND.	NUMBER OF PAIRS.					
	Total.	Machine or hand welt.	Turned.	McKay.	Wooden-pegged.	Wire-screw or metal-fastened.
Boots and shoes.....	247,643,197	87,391,763	26,317,990	107,063,644	5,226,161	21,643,639
Men's.....	93,888,892	33,212,450	989,290	29,438,565	3,921,632	15,326,968
Boys' and youths'.....	23,838,626	4,423,934	50,377	15,016,611	567,639	3,779,765
Women's.....	86,995,314	25,871,899	14,281,754	44,618,966	535,579	1,389,106
Misses' and children's.....	43,220,365	3,885,480	16,996,609	27,089,482	202,991	1,147,803
Slippers.....	17,507,834	1,318,995	7,611,748	8,396,874	28,918	151,299
Men's, boys', and youths'.....	4,802,841	648,007	1,735,742	2,286,652	16,851	117,889
Women's, misses', and children's.....	12,704,993	5,788,066	6,110,222	12,067,127	12,067	33,710
Infants' shoes and slippers.....	15,000,721	1,979,593	11,447,508	1,520,272	41,731	11,817
All other.....	4,865,429	1,429,249	1,189,742	1,286,281	321,082	639,075

**Gloves and mittens, leather.**—The quantity and value of the different kinds of products reported for this branch of the leather industry for 1909, 1904, and 1899 are shown in the following table:

PRODUCT.	1909	1904	1899
<b>Total value.....</b>	<b>\$23,830,598</b>	<b>\$17,740,385</b>	<b>\$16,926,156</b>
Gloves, mittens, and gannetts:			
Dozen pairs.....	3,368,655	3,470,146	2,895,661
Value.....	\$22,525,861	\$17,122,772	\$16,039,168
Men's:			
Dozen pairs.....	2,585,977	2,915,415	2,267,327
Value.....	\$17,060,797	\$14,515,770	\$12,418,258
Lined—			
Dozen pairs.....	921,259	1,317,083	952,830
Value.....	\$5,222,174	\$6,333,081	\$4,969,902
Unlined—			
Dozen pairs.....	1,664,718	1,598,332	1,314,507
Value.....	\$11,838,623	\$8,182,689	\$7,438,356
Women's and children's:			
Dozen pairs.....	782,678	454,731	604,330
Value.....	\$5,463,064	\$2,607,002	\$3,470,238
Lined—			
Dozen pairs.....	365,477	241,361	267,149
Value.....	\$1,718,198	\$1,030,843	\$1,247,916
Unlined—			
Dozen pairs.....	417,201	213,379	337,181
Value.....	\$3,746,866	\$1,576,159	\$2,222,342
All other products.....	\$1,104,737	\$617,613	\$886,988

<sup>1</sup> In addition, in 1909, 36,944 dozen pairs of gloves, mittens, and gannetts, to the value of \$264,901; in 1904, gloves, mittens, and gannetts, to the value of \$166,164; and in 1899, gloves, mittens, and gannetts, to the value of \$217,157, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Includes 24,061 dozen pairs of gannetts, valued at \$150,632, not distributed by kinds.

The greater increase in value was due to the higher prices paid for hides and skins, and an increased production of the better grades of gloves.

The number of men's gloves manufactured largely outnumbered that of women's and children's at each census, but importations of kid gloves for women probably greatly reduce the demand for American makes. The number of men's gloves increased during the decade 14.1 per cent, and the number of women's and children's 29.5 per cent.

#### CHEMICALS AND ALLIED PRODUCTS.

The industries in this group comprise those which produce chemicals as products or which employ to a large extent chemical processes in manufacture. The grouping is necessarily somewhat arbitrary. Separate tables present the statistics for each of the following industries:

Chemicals.	Oil, essential.
Coke.	Paint and varnish.
Dyeuffs and extracts.	Petroleum, refining.
Explosives.	Salt.
Fertilizers.	Soap.
Gas, illuminating and heating.	Sulphuric, nitric, and mixed acids.
Glucose and starch.	Turpentine and rosin.
Oil, cottonseed, and cake.	

**Chemicals.**—Table 66 presents the statistics for the general chemical industry as classified by the Bureau of the Census, but reference should be made to the groups and items specified in the table for information as to the products included under this head. It does not include products listed independently in the preceding paragraph, nor does it include the products of wood distillation or chemicals made by establishments engaged in the manufacture of pharmaceutical preparations.

The value of all products of the "chemical" industry, including the same commodities made by establishments engaged primarily in the manufacture of other products, was \$126,794,345 in 1909 and \$78,285,646 in 1904. The products of establishments classified as chemical factories proper were valued at \$117,688,887 in 1909 and \$48,039,595 in 1899, an increase for the decade of \$69,649,292, or 145 per cent. Some of the groups show very large gains, notably products made with the aid of electricity, many of which can not be shown separately without disclosing individual operations. The value of these products increased from \$1,305,368 in 1899 to \$17,968,277 in 1909 and the value of the output of sodas, the leading group of products in this respect, increased from \$11,596,915 to \$21,417,982.

The value of the sulphuric, nitric, and mixed acid product, shown in Table 80, should be added to the value of the acids given in the following table in order to ascertain the total production of the principal acids. Including these acids, the value of the acid product (not including acids consumed by establishments making the same or those produced as by-products of other industries) was \$19,493,663 in 1909, \$14,538,137 in 1904, and \$9,371,615 in 1899, the increase for the decade being 108 per cent. The *ton of 2,000 pounds* is used in showing quantities.

Table 66	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$117,688,887</b>	<b>\$75,222,249</b>	<b>\$48,039,595</b>
	<b>Acids</b> .....	<b>\$11,926,389</b>	<b>\$7,583,059</b>	<b>\$3,161,743</b>
	Acetic.....	\$1,963,788	27,001,322	24,945,558
	Founds.....	\$1,136,134	\$337,542	\$386,323
	Value.....	5,554,414	6,956,890	2,644,835
	Boric.....	2,002,206	2,965,631	(*)
	Founds.....	\$777,300	\$598,718	(*)
	Value.....	4,790,963	2,932,358	698,000
	Hydrochloric.....	\$214,637	\$151,218	\$34,800
	Founds.....	128,394,736	127,502,682	116,675,109
	Value.....	\$1,171,082	\$1,180,910	\$1,015,913
	Oxide.....		(*)	(*)
	Founds.....	\$1,337,717	(*)	(*)
	Value.....	\$680,015	(*)	(*)
	Phosphoric.....	25,702,606	991,050	(*)
	Founds.....	\$305,791	\$16,341	(*)
	Value.....	\$7,145,771	\$4,518,940	\$1,516,403
	Other.....	\$21,417,982	\$16,838,929	\$11,596,915
	<b>Soda salt</b> .....	<b>646,007</b>	<b>518,789</b>	<b>386,301</b>
	Founds.....	\$10,361,756	\$8,302,292	\$4,768,383
	Value.....	76,285	56,870	63,231
	Founds.....	\$977,712	\$792,248	\$779,160
	Bicarbonate of soda.....	82,800	68,867	68,185
	Founds.....	\$1,515,081	\$1,135,610	\$1,324,843
	Value.....	112,152	80,159	78,779
	Founds.....	\$4,330,954	\$2,924,182	\$2,917,935

Table 66—Contd.	PRODUCT.	1909	1904	1899
	<b>Soda</b> —Continued.			
	Borax.....			
	Tons.....	20,154	20,882	5,637
	Value.....	\$1,716,910	\$2,122,808	\$3,002,480
	Other.....	\$2,369,619	\$1,681,739	\$1,394,088
	Potash—			
	Founds.....	1,966,570	5,113,706	3,764,806
	Value.....	\$88,943	\$56,889	\$174,450
	Alums.....	\$2,578,842	\$2,126,612	\$2,013,607
	Alum cake.....			(*)
	Founds.....	26,884,480	(*)	(*)
	Value.....	\$273,711	(*)	(*)
	Potash alum.....			(*)
	Founds.....	7,939,702	(*)	(*)
	Value.....	\$126,025	(*)	(*)
	All other.....	\$2,176,508	(*)	(*)
	Coal-tar products.....	\$2,675,327	\$844,817	\$1,322,094
	Coal-tar distillery products.....	\$2,362,330	\$349,641	\$809,330
	Chemicals made from coal-tar distillery products.....	\$312,997	\$504,176	\$512,764
	Cyanides.....	\$1,841,893	\$1,179,104	\$1,584,923
	Yellow prussiate of potash.....			(*)
	Founds.....	3,510,203	5,027,264	6,140,406
	Value.....	\$463,583	\$963,277	\$993,514
	All other.....	\$1,377,910	\$165,827	\$591,492
	Bleaching materials.....	\$1,635,046	\$777,750	\$492,086
	Hydrogen peroxide.....			(*)
	Founds.....	9,403,717	(*)	(*)
	Value.....	\$850,417	(*)	(*)
	Bisulphite.....			(*)
	Founds.....	14,328	(*)	(*)
	Value.....	\$32,594	(*)	(*)
	All other.....	\$582,123	\$777,750	\$492,086
	Chemical substances produced by the aid of electricity.....	\$17,968,277	\$5,896,632	\$1,305,368
	Calcium carbide.....		(*)	(*)
	Founds.....	121,940,967	(*)	(*)
	Value.....	\$2,984,001	(*)	(*)
	Caustic soda.....		(*)	(*)
	Founds.....	19,428	(*)	(*)
	Value.....	\$1,032,647	(*)	(*)
	Chlorates.....		(*)	(*)
	Founds.....	11,568,915	(*)	(*)
	Value.....	\$904,525	(*)	(*)
	Hypochlorites.....		(*)	(*)
	Founds.....	68,016	(*)	(*)
	Value.....	\$1,506,831	(*)	(*)
	All other.....	\$11,540,273	\$5,896,632	(*)
	Plastics.....	\$7,180,172	\$4,755,781	\$2,099,400
	Pyroxylin plastics.....	\$5,369,819	\$2,857,093	\$1,970,387
	All other.....		(*)	(*)
	Founds.....	10,214,928	(*)	(*)
	Value.....	\$1,790,353	\$1,898,668	\$1,219,013
	Compressed or liquefied gases.....	\$4,969,805	\$2,787,689	\$1,215,011
	Anhydrous ammonia.....		(*)	(*)
	Founds.....	11,802,076	(*)	(*)
	Value.....	\$2,363,315	\$1,173,194	\$448,157
	Carbon dioxide.....		(*)	(*)
	Founds.....	47,238,207	35,991,627	(*)
	Value.....	\$2,317,808	\$1,343,966	\$696,164
	Lauding gas.....		(*)	(*)
	Founds.....	72,675	(*)	(*)
	Value.....	\$33,089	(*)	(*)
	Oxygen.....		(*)	(*)
	Gallons.....	4,777,977	(*)	(*)
	Value.....	\$98,150	(*)	(*)
	All other.....		(*)	(*)
	Founds.....	364,044	(*)	(*)
	Value.....	\$16,843	\$270,339	\$70,690
	<b>Fine chemicals</b> .....	<b>\$10,956,660</b>	<b>\$9,148,526</b>	<b>\$4,220,339</b>
	Alkalis.....			
	Caustic.....	3,482,422	4,049,525	3,387,522
	Value.....	\$3,188,691	\$2,925,789	\$1,743,264
	Gold salts.....			
	Ounces.....	5,599	8,599	8,599
	Value.....	\$430,944	\$449,864	\$90,145
	Silver salts.....			
	Ounces.....	2,027,719	1,743,882	1,252,604
	Value.....	\$726,222	\$683,761	\$499,345
	Platinum salts.....			
	Ounces.....	1,561	19,068	7,312
	Value.....	\$19,123	\$175,682	\$54,600
	Chlorides.....			
	Founds.....	1,861,435	616,670	396,540
	Value.....	\$472,759	\$165,640	\$98,070
	Ether.....			
	Founds.....	1,177,886	660,783	263,238
	Value.....	\$199,448	\$334,935	\$129,870
	Acetone.....			
	Founds.....	6,927,886	1,300,395	1,638,715
	Value.....	\$719,895	\$101,320	\$178,666
	All other.....	\$5,199,584	\$4,248,598	\$1,456,373
	Chemicals not elsewhere specified:			
	Glycerine.....	33,986,974	18,791,907	15,383,798
	Founds.....	\$4,836,826	\$2,945,205	\$2,012,886
	Value.....	47,785,318	15,935,837	6,072,300
	Founds.....	\$357,728	\$145,801	\$45,966
	Blue vitriol.....			
	Founds.....	801,958	50,100	7,500,000
	Value.....	\$57,626	\$2,500	\$375,000

For footnotes, see page 496.

Table 66—  
Contd.

PRODUCT.	1909	1904	1899
Chemicals not elsewhere specified—			
Continued.			
Coppers—			
Pounds.....	24,199,536	8,815,059	14,097,905
Value.....	\$71,081	\$28,061	\$58,581
Phosphates of soda—			
Pounds.....	35,175,354	12,018,815	3,478,350
Value.....	\$634,292	\$243,822	\$104,554
Tin salts—			
Pounds.....	12,992,233	9,573,719	4,677,471
Value.....	\$1,194,346	\$904,679	\$470,159
Zinc salts—			
Pounds.....	43,204,652	(*)	(*)
Value.....	\$1,477,456	(*)	(*)
Other chemicals.....	\$21,207,939	\$13,289,416	\$15,786,407
By-products and residues sold to other industries.....	\$4,530,024	\$5,743,070	

\* In addition, products to the value of \$9,105,468 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, including the following:

	Pounds.	Value.	Pounds.	Value.
Acids:			Pyroxylin plastics.....	\$282,560
Acetic.....	4,959,985	\$300,740	Compressed or liquefied gases:	
Hydrofluoric.....	2,051,531	79,722	Lambling gas.....	167,710
Maricatic.....	74,885,745	557,253	Blue vitriol.....	24,594
Oleic.....	2,959,346	105,691	Ammoniac.....	40,923
Stearic.....	5,094,774	399,396	Carbon dioxide.....	454,354
Sulphur.....	49,490	1,300	Lanolin.....	19,292
Soda:			Other.....	79,319
Sal soda..... tons.	10,822	184,297	Acetone.....	9,072
Other..... tons.	73,902	1,850,392	Chloroform.....	8,260
Potashes.....	14,293,552	525,054	Glycerin.....	1,022,920
Alums.....	40,440,260	443,513	Ethyl alcohol.....	1,466,745
Coal-tar distillery products.....	1,610,792		Coppers.....	2,031,566
Bleaching materials:			Phosphates of soda.....	310,588
Hydrogen peroxide.....	521,831	20,124	Zinc salts.....	4,312,988
Sulphite.....	3,002,000	23,650	Other chemicals.....	505,153
Other.....	20,768			

\* Not including acids reported by manufacturers of explosives and fertilizers.

† Including sodas reported by manufacturers of paints and varnishes and fertilizers.

‡ Not including 4,871,014 pounds, value \$448,455, reported by manufacturers of soap.

§ In addition, products to the value of \$3,063,307 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, including the following:

	Pounds.	Value.	Pounds.	Value.
Acids:			Bleaching materials:	
Maricatic.....	47,018,030	\$431,938	Bisulphite, tons.....	530
Stearic.....	1,750,000	140,800	Glycerin.....	520,000
Hydrofluoric.....	1,217,575	71,698	Ether.....	193,628
Other.....	146,710	5,100	Epsom salts.....	1,350,000
Soda:			Blue vitriol.....	107,140
Sal soda..... tons.	1,763	29,561	Coppers.....	81,316
Caustic..... tons.	14	668	Other chemicals.....	1,103,222
Other..... tons.	14,300	363,765	Sulphite.....	158,500
Alums.....	33,674,349	382,183	Other salts.....	742,467
Coal-tar distillery products.....	238,645			

\* See Table 80 for sulphuric, nitric, and mixed acids.

† Not reported separately.

‡ See chemical substances produced by the aid of electricity for additional product.

§ Not reported.

**Coke.**—Table 67, which presents the statistics for the manufacture of coke, does not include those for gas-house coke, which are shown in Table 71. The total production of coke, including gas-house coke sold and that made and consumed in gas manufacture, was 41,947,949 tons in 1909 as compared with 27,857,441 tons in 1904, an increase of 50.6 per cent. The gas-house coke included in these figures formed 6.3 per cent of the total product in 1909 and 9.9 per cent in 1904.

The value of all products of the coke industry proper was \$98,078,383 in 1909, \$51,728,647 in 1904, and \$35,585,445 in 1899, an increase for the decade of 175.6 per cent. A marked feature of the industry is the increasing use of retort ovens. Although the

retort coke product was not reported separately in 1899, the by-products of this branch of the industry were given and aggregated \$952,027 in value. In 1909 the value of the retort-by-products was \$8,112,900. The value of the coke and by-products made by retort ovens constituted 29.1 per cent of the total value of all products of the industry in 1909. Of the total value of the products made by retort ovens, two-fifths is contributed by the by-products. The ton of 2,000 pounds is used in showing quantities.

Table 67

	1909	1904	1899
MATERIALS.			
Total cost.....	\$85,388,124	\$29,884,532	\$19,055,532
Coal charged into ovens:			
Tons.....	159,354,537	36,781,006	30,157,829
Run of mine—			
Unwashed.....	40,594,842	24,872,731	20,844,637
Washed.....	6,007,700	2,649,251	1,457,961
Slack—			
Unwashed.....	6,928,484	4,414,326	5,036,075
Washed.....	5,825,851	4,844,669	2,118,556
Cost.....	\$1,802,303,828	\$28,300,121	\$15,535,252
All other materials.....	\$3,184,742	\$1,524,411	\$1,310,280
PRODUCTS.			
Total value.....	\$98,078,383	\$51,728,647	\$35,585,445
Coke:†			
Tons.....	39,215,065	24,733,063	19,649,798
Value.....	\$89,965,483	\$49,002,061	\$34,633,418
Made in retort or by-product ovens:			
Tons.....	33,661,421	22,516,280	(*)
Value.....	\$60,530,794	\$45,885,773	(*)
Tons.....	6,254,644	2,116,783	(*)
Value.....	\$20,434,089	\$6,110,278	(*)
By-products obtained from retort or by-product ovens:			
Gas made, cubic feet (thousands).....	76,590,763	18,761,101	(*)
Used in process or wasted, cubic feet (thousands).....	60,799,543	14,878,301	(*)
Sold—			
Cubic feet (thousands).....	15,791,229	3,882,800	1,171,943
Value.....	\$2,609,211	\$684,466	\$225,022
Tar—			
Gallons.....	60,126,006	23,074,225	10,468,733
Value.....	\$1,408,611	\$551,836	\$207,952
Ammoniac, sulphite or reduced to equivalent in sulphate—			
Pounds.....	123,111,197	26,050,713	11,984,931
Value.....	\$3,227,310	\$681,921	\$308,921
Anhydrous ammonia—			
Pounds.....	4,871,014	(*)	(*)
Value.....	\$444,155	(*)	(*)
Ammonia liquor—			
Gallons.....	(*)	4,359,679	1,573,325
Value.....	(*)	\$67,644	\$108,642
All other.....	\$119,307	\$111,225	\$7,490
EQUIPMENT.			
Ovens, number in existence at end of			
Building at end of year.....	103,982	76,099	47,142
Abandoned during the year.....	2,950	2,127	(*)
	101,032	73,972	46,142

\* Includes coal and coking products produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, viz: Coal used, unwashed, 566,539 tons, cost, \$1,363,597; products valued at \$2,281,763; compounds, 415,472 tons, valued at \$1,454,102; tar, 4,359,679 gallons, valued at \$67,639; ammonium sulphate, 9,527,744 pounds, valued at \$235,695; gas sold, 2,169,915 thousand cubic feet, valued at \$334,075; and other products, \$69,280.

† In addition, 410,225 tons of coke, valued at \$1,302,572, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

‡ The statement for coke made in gas establishments will be found in detail under the classification "Gas, illuminating and heating."

§ Reported in part as anhydrous ammonia acid in part as ammonium sulphate or reduced equivalents.

**Dyestuffs and extracts.**—The statistics for dyestuffs and extracts given in Table 68 cover the products of establishments manufacturing the same for sale, and do not include those made by dye and print works or tanneries and consumed by the same in further processes of manufacture.

The total value of products was \$15,954,574 in 1909 and \$7,350,748 in 1899, an increase of 117 per cent. The chief products were oak and chestnut extract,

which together increased almost ninefold in quantity and even more in value during the decade. Artificial dyestuffs nearly doubled in quantity and in value, but the production of natural dyestuffs (included under "All other products") has fallen off greatly, the value of the product being \$1,035,711 in 1899 and only \$233,935 in 1904. It was materially less in 1909, but can not be shown separately without disclosing individual operations. The census report on Forest Products for 1909 gives 386,817,895 pounds as the total consumption of tanning extracts in that year, which quantity exceeds the quantity of oak, chestnut, hemlock, and sumac extracts here reported by over \$3,000,000 pounds. This difference can be taken as representing approximately the amount of tanning extract imported or made and consumed in tanning establishments.

Table 68	PRODUCT.	1909	1901	1899
	Total value.....	\$15,954,574	\$10,893,313	\$7,350,748
Artificial dyestuffs:				
	Pounds.....	12,277,399	4,600,462	6,281,580
	Value.....	\$3,492,436	\$1,764,454	\$1,806,730
Extracts:				
	Hemlock.....			
	Pounds.....	12,588,978	18,833,450	26,011,714
	Value.....	\$280,487	\$406,619	\$953,591
	Logwood.....			
	Pounds.....	23,217,248	29,799,066	39,252,743
	Value.....	\$991,974	\$1,472,947	\$1,885,971
	Oak and chestnut.....			
	Pounds.....	287,908,285	156,520,123	28,983,036
	Value.....	\$5,061,162	\$2,411,184	\$529,670
	Sumac.....			
	Pounds.....	3,148,790	4,603,619	4,349,742
	Value.....	\$107,456	\$95,958	\$103,085
Ground sumac:				
	Pounds.....	554,032	5,061,333	9,284,090
	Value.....	\$24,531	\$65,190	\$114,660
Ground bark:				
	Pounds.....	25,142,076	38,001,017	27,028,000
	Value.....	\$176,510	\$249,101	\$149,365
Ground and chipped wood:				
	Pounds.....	15,946,954	9,999,966	12,690,037
	Value.....	\$143,720	\$95,237	\$301,931
Gums and dextrans:				
	Pounds.....	16,148,931	6,651,721	(*)
	Value.....	\$610,999	\$231,708	(*)
Iron liquors:				
	Pounds.....	3,079,418	1,860,744	954,240
	Value.....	\$30,282	\$30,757	\$7,525
Mordants:				
	Pounds.....	1,735,887	733,245	734,000
	Value.....	\$69,515	\$64,656	\$85,466
Sizes:				
	Pounds.....	54,054,711	7,812,433	101,920
	Value.....	\$1,735,600	\$217,859	\$2,548
Tannic acid:				
	Pounds.....	5,085,748	5,165,590	1,326,515
	Value.....	\$249,297	\$200,136	\$149,662
Turkey-red oil:				
	Pounds.....	1,048,719	3,622,470	2,210,000
	Value.....	\$72,053	\$159,666	\$14,787
Other tanning liquors:				
	Pounds.....	9,285,048	44,418,929	16,144,292
	Value.....	\$365,304	\$1,704,243	\$405,659
All other products <sup>1</sup> :				
	Pounds.....	11,573,248	11,724,298	11,730,128

<sup>1</sup> In addition, dyestuffs and extracts, to the value of \$84,102, in 1909 and \$19,111 in 1904, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

<sup>3</sup> Including a small production of natural dyestuffs in 1909, a production in 1904 valued at \$23,935, and a production in 1899 valued at \$1,035,711.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Ground and chipped wood..... pounds.....	936,578,482	324,505,744
Ground bark..... pounds.....	238,062,168	40,390,640
Ground leaves..... pounds.....	1,935,040	5,586,171

**Explosives.**—Table 69 presents the statistics for the explosives industry. The value of all products was \$40,139,661 in 1909 as compared with \$17,125,418 in 1899, an increase of 134.4 per cent.

The production of explosives in the industry proper was 469,481,252 pounds in 1909, 360,980,734 pounds in 1904, and 215,980,720 pounds in 1899, an increase for the decade of 117.4 per cent. If the explosives made by establishments operated by the Federal Government and by establishments engaged primarily in the manufacture of other products be added, the total production in 1909 was 471,181,650 pounds. The output of dynamite formed about three-eighths of the total output of explosives, and its value approximately one-half of the total value of explosives reported. The most important product in respect to quantity of output was blasting powder, including "permissible explosives." Permissible explosives, known in Pennsylvania as safety explosives, were reported separately for the first time in 1909. They are specially designed for use in dusty and gaseous coal mines. The ton of 2,000 pounds is used in showing quantities.

Table 69	1909	1904	1899
MATERIALS.			
Total cost.....	\$23,811,548	\$17,203,667	\$10,334,974
Nitrate of soda:			
Tons.....	188,880	133,034	88,524
Cost.....	\$7,822,336	\$5,968,557	\$2,962,866
Acids:			
Mixed—			
Pounds.....	51,764,694	105,552,404	66,996,146
Cost.....	\$1,512,626	\$3,993,429	\$1,505,754
Nitric.....			
Pounds.....	7,591,756	2,699,500	467,587
Cost.....	\$451,314	\$122,947	\$17,171
Sulphuric.....			
Tons.....	22,501	18,298	7,864
Cost.....	\$406,204	\$247,301	\$130,699
Sulphur or bromine:			
Tons.....	17,389	19,574	12,742
Cost.....	\$396,856	\$307,469	\$317,383
All other materials.....	\$12,091,202	\$7,624,804	\$5,461,101
PRODUCTS.			
Total value.....	\$40,139,661	\$29,602,884	\$17,125,418
Dynamite:			
Pounds.....	177,155,861	130,920,829	88,846,546
Value.....	\$18,669,746	\$12,900,193	\$8,247,223
Nitroglycerin, sold as such:			
Pounds.....	28,913,253	7,935,936	3,618,692
Value.....	\$1,620,117	\$1,620,117	\$783,299
Blasting powder:			
Kegs (25 pounds).....	9,339,087	8,217,448	3,907,012
Value.....	\$9,008,265	\$7,377,977	\$3,574,974
Permissible explosives:			
Pounds.....	9,607,448	(*)	(*)
Value.....	\$863,299	(*)	(*)
Gunpowder:			
Pounds.....	12,862,700	10,383,944	25,638,884
Value.....	\$1,736,427	\$1,541,483	\$1,482,377
Other explosives: <sup>1</sup>			
Pounds.....	7,464,825	6,303,825	3,201,468
Value.....	\$3,913,787	\$4,256,193	\$2,610,103
All other products.....	\$2,156,793	\$1,906,921	\$174,442

<sup>1</sup> In addition, 1,81,042 pounds, to the value of \$802,948, were made by Federal establishments, and 219,256 pounds, to the value of \$135,974, by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> In addition, 1,104,532 pounds, to the value of \$990,013, were made by Federal establishments and by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> Not reported separately.

<sup>4</sup> Includes smokeless powder and gunocotton or pyroxylin, to avoid disclosing operations of individual establishments.

NOTE.—The following products were made and consumed in the establishments where produced:

	1909	1904
Salt-peter..... pounds.....	12,654,225	3,559,376
Nitroglycerin..... pounds.....	70,289,667	44,977,827
Sulphuric acid..... tons.....	42,555	30,394
Nitric acid..... tons.....	31,484	18,988
Charcoal..... bushels.....	737,884	1,156,918
Cellulose nitrates..... pounds.....	5,000,226	—
Nitrate of ammonia..... pounds.....	10,994,319	6,299,317

**Fertilizers.**—The following table giving statistics for the fertilizer industry does not include the product of establishments engaged primarily in the manufacture of products other than fertilizers, chief of which are slaughtering and meat-packing establishments and cottonseed-oil mills. The value of all products of the industry proper, which includes some that are not fertilizers, was \$103,960,213 in 1909, as compared with \$44,657,385 in 1899, an increase of 132.8 per cent. Including the fertilizer by-products of other indus-

tries, the total production of fertilizers in 1909 was 5,618,234 tons, valued at \$100,089,971. During the period 1899-1909 the tonnage of the fertilizer products of the establishments engaged primarily in the manufacture of fertilizers increased 87.5 per cent. Some of the materials, such as sulphuric acid, are the products of establishments engaged in this industry, and therefore are duplicated in the total value of products. The *ton of 2,000 pounds* is used in showing quantities.

Table 70	1909	1904	1899	PRODUCTS.		
MATERIALS.				Total value.....		
Total cost.....	\$68,521,820	\$39,287,914	\$28,958,473	\$103,960,213	\$56,541,253	\$44,657,385
Ammonias:				Fertilizers.....	5,240,164	3,267,777
Tons.....	778,639			Value.....	\$92,369,631	\$50,460,094
Cost.....	\$16,060,978	\$9,915,648	\$9,694,145	Superphosphates from minerals, bones, etc.....		
Ammonium sulphate:				Tons.....	1,201,354	766,338
Tons.....	63,381	10,540	4,120	Value.....	\$13,518,829	\$7,515,257
Cost.....	\$3,640,592	\$600,856	\$186,609	Ammoniated.....		
Kalmit:				Tons.....	472,757	775,987
Tons.....	322,720	190,493	54,700	Value.....	\$10,963,193	\$12,901,037
Cost.....	\$2,783,668	\$1,891,073	\$520,833	Concentrated phosphate.....		
Nitrate of soda:				Tons.....	313,888	(?)
Tons.....	85,714	42,213	19,518	Value.....	\$3,628,240	(?)
Cost.....	\$5,730,070	\$1,760,432	\$709,841	Complete.....		
Phosphatic rock:				Tons.....	2,717,797	1,329,149
Tons.....	1,529,124	888,571	787,927	Value.....	\$57,245,899	\$25,673,511
Cost.....	\$8,621,094	\$4,244,554	\$3,554,174	Other.....		
Fish salt:				Tons.....	534,368	394,705
Tons.....	257,766	122,107	(?)	Value.....	\$8,167,800	\$4,370,869
Cost.....	\$7,327,549	\$3,666,701	\$3,068,400	Sulphuric acid (reduced to 50° Baumé):		
Pyrites:				Tons.....	153,057	24,502
Tons.....	456,574	342,962	288,778	Value.....	\$923,492	\$194,578
Cost.....	\$2,831,964	\$2,020,759	\$1,466,285	Other acids.....		
Sulphuric acid:				Tons.....	36,631	45,689
Tons.....	663,672	197,865	231,527	Value.....	\$611,288	\$241,506
Cost.....	\$3,312,687	\$1,084,304	\$1,355,382	All other products.....	\$10,055,802	\$5,644,475
Sulphur or brimstone:						\$3,655,927
Tons.....	4,236	4,210	12,728			
Cost.....	\$68,924	\$92,234	\$268,670			
Superphosphates:						
Tons.....	415,656	320,559	286,898			
Cost.....	\$3,946,440	\$2,932,010	\$2,176,245			
Fish.....						
Tons.....	\$3,031,437	\$847,142	\$183,542			
Cost.....	\$14,161,497	\$10,312,301	\$5,594,347			

<sup>1</sup> Includes for 1904, 125,888 tons of ammonias classified as such, valued at \$2,445,681; cottonseed meal, valued at \$2,376,448; and bones, tankage, and offal, valued at \$3,094,149; and for 1899, cottonseed meal, valued at \$167,416; and bones, tankage, and offal, valued at \$9,766,735.

<sup>2</sup> Not reported.

<sup>3</sup> In addition, in 1909, 231,287 tons of complete fertilizer, valued at \$4,869,832; 46,832 tons of ammoniated fertilizer, valued at \$945,497; 22,635 tons of superphosphates, valued at \$426,302; 63,581 tons of "other" fertilizer, valued at \$1,363,931; 16,955 tons of concentrated phosphate, valued at \$178,678; and other products to the value of \$169,528; and in 1904, fertilizers, to the value of \$2,969,714, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

**Gas, illuminating and heating.**—The statistics for the gas industry presented in Table 71 include only those establishments which made gas as their main product. The total production of gas made for sale by such establishments and by retort coke ovens combined—but not including the by-products of establishments outside these two industries—was in 1909, 166,627,013 thousand cubic feet, valued at \$141,224,520; in 1904, 116,432,779 thousand cubic feet, valued at \$113,347,032; and in 1899, 68,265,496 thousand cubic feet, valued at \$69,657,604. The increase in quantity for the period 1899-1909 was thus 144.1 per cent, and that in value 102.7 per cent. In addition to the product above reported for 1909, 1,730,563 thousand cubic feet were made and con-

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Acid phosphate..... tons.....	1,838,863	884,211
Sulphuric acid..... tons.....	841,935	692,904

sumed in gas plants and 60,799,543 thousand cubic feet were made and consumed or wasted by retort coking establishments. There is also a large consumption of producer gas and blast-furnace gas by establishments in other industries which produced the gas themselves.

The value of products of the illuminating-gas industry proper aggregated \$166,814,371 in 1909 as compared with \$75,716,693 in 1899, an increase of 120.3 per cent. Only about four-fifths of this value represents that of the gas itself. The industry shows a progressive decrease from census to census in unit values for all kinds of gas with the exception of acetylene gas. The *ton of 2,000 pounds* is used for showing quantities.

	1909	1904	1899
<b>MATERIALS</b>			
<b>Total cost.....</b>	<b>\$52,427,644</b>	<b>\$37,180,066</b>	<b>\$20,605,356</b>
Coal:			
Tons.....	4,949,598	4,431,771	2,487,287
Cost.....	\$16,394,832	\$14,607,483	\$7,164,472
Oil:			
Gallons.....	579,657,152	410,989,564	194,837,296
Cost.....	\$17,945,750	\$15,015,902	\$8,168,637
Coke:			
Tons.....	591,919	435,334	217,354
Cost.....	\$2,967,795	\$1,602,762	\$726,236
All other materials.....	\$16,109,556	\$5,954,217	\$4,545,491
<b>Total value.....</b>	<b>\$166,814,371</b>	<b>\$125,144,945</b>	<b>\$78,716,693</b>
Gas: <sup>1</sup>			
Cubic feet (thousands).....	190,835,793	112,549,079	67,693,553
Value.....	\$138,615,309	\$112,662,568	\$69,432,582
Straight coal:			
Cubic feet (thousands).....	19,985,253	12,693,034	(*)
Value.....	\$18,065,841	\$12,808,604	(*)
Straight water:			
Cubic feet (thousands).....	1,726,082	715,550	(*)
Value.....	\$1,289,031	\$832,440	(*)
Carbonated water:			
Cubic feet (thousands).....	79,418,486	54,687,415	(*)
Value.....	\$69,513,749	\$49,071,180	(*)
Mixed coal and water:			
Cubic feet (thousands).....	40,775,283	40,980,414	(*)
Value.....	\$36,953,543	\$45,665,263	(*)
Oil:			
Cubic feet (thousands).....	8,688,560	3,441,392	(*)
Value.....	\$12,111,458	\$5,141,400	(*)
Acetylene:			
Cubic feet (thousands).....	25,186	7,881	(*)
Value.....	\$361,348	\$104,297	(*)
All other products.....	216,643	24,330	(*)
Value.....	\$320,339	\$39,354	(*)
Coke:			
Bushels.....	\$2,049,653	\$9,146,434	(*)
Value.....	\$5,723,215	\$5,195,461	(*)
Tar:			
Gallons.....	\$78,339,880	\$7,515,421	\$4,283,204
Value.....	\$1,875,549	\$2,048,435	(*)
All other products.....	\$13,556,908	\$972,992	(*)
Receipts from rents and sales of lamps and appliances.....	\$7,043,390	\$4,249,581	\$2,000,907

<sup>1</sup> Does not include \$4,013,885 paid for lamps and appliances.

<sup>2</sup> In addition, products of gas manufacture to the value of \$91,802 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The items covered by these products were 27,558 (thousands) cubic feet of coal gas, valued at \$29,419, 13,670 (thousands) cubic feet of acetylene gas, valued at \$24,018, 44,547 bushels of coke, valued at \$3,399, 38,370 gallons of tar, valued at \$1,372, and receipts from sale of lamps and appliances to the amount of \$2,994.

<sup>3</sup> Statistics of the gas made in coke establishments are shown in detail under the classification "Coke."

<sup>4</sup> Not reported separately.

<sup>5</sup> In addition, there were 13,813,058 gallons for which no value was reported.

<sup>6</sup> Includes 49,720,220 gallons of ammonia liquor, valued at \$725,762, and 1,154,319 pounds of hydrocarbon, valued at \$44,569.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Coke..... bushels.....	49,530,153	46,561,183
Tar..... gallons.....	31,590,178	14,772,878
Gas, cubic feet..... thousands.....	1,730,563	1,363,757
Benzene or benzol.....	302,994	

**Glucose and starch.**—Statistics are presented in Table 72 for the glucose and starch industry for the years 1909 and 1904.

Corn is the principal material used. The value of all products of the industry was \$48,799,311 in 1909 and \$32,649,836 in 1904, the increase for the five-year period being 49.5 per cent. The starch product (gross, including duplication), increased in quantity 89.9 per cent and in value 60.3 per cent, the entire gain being in cornstarch. The percentages of increase in the value of glucose, grape sugar, and corn oil are large, notably that for corn oil. In 1899 the production of starch (in part estimated) was 543,040,000 pounds, greatly exceeding the figures for 1904. The decrease in production from 1899 to 1904 was due in

large measure to the decrease in the export trade of this commodity.

Some establishments included in the industry are engaged primarily in reprocessing starch, resulting in a duplication of products. In 1909 105,299,010 pounds of cornstarch were used as material by such factories, 104,597,648 pounds of cornstarch being obtained as products. The deduction of this duplication from the total gives the quantity of marketable cornstarch produced in 1909 as 534,227,718 pounds.

	1909	1904
<b>MATERIALS</b>		
<b>Total cost.....</b>	<b>\$36,898,771</b>	<b>\$25,518,876</b>
Corn:		
Pounds.....	2,240,508,915	(1)
Cost.....	\$26,674,779	\$19,074,728
Wheat and rye:		
Pounds.....	1,940,000	(2)
Cost.....	\$21,435	(*)
Potatoes:		
Pounds.....	210,698,127	209,372,649
Cost.....	\$541,359	\$563,661
Cornstarch:		
Pounds.....	105,299,010	(2)
Cost.....	\$1,768,178	(2)
Wheat flour:		
Pounds.....	19,545,824	(2)
Cost.....	\$485,261	(2)
All other materials.....	\$7,415,762	\$5,880,497
<b>PRODUCTS</b>		
<b>Total value.....</b>	<b>\$48,799,311</b>	<b>\$32,649,836</b>
Starch:		
Pounds.....	677,525,647	\$36,649,338
Value.....	\$17,314,823	\$10,927,338
Corn:		
Pounds.....	638,325,366	611,140,814
Value.....	\$15,962,916	\$8,878,450
Wheat and rye—		
Pounds.....	12,127,666	17,845,121
Value.....	\$626,371	\$1,124,612
Potatoes—		
Pounds.....	26,582,995	27,709,400
Value.....	\$925,570	\$924,476
Glucose, including all sirups:		
Pounds.....	769,660,210	(1)
Value.....	\$17,922,514	\$12,352,616
Grape sugar:		
Pounds.....	159,960,478	(1)
Value.....	\$1,620,816	\$2,254,745
Corn oil:		
Gallons.....	8,164,175	(1)
Value.....	\$2,802,768	\$1,164,466
Stock food	\$6,013,968	\$4,446,479
All other products.....	\$924,422	\$1,933,992

(1) Not reported.

(2) Not reported separately.

<sup>1</sup> In addition, 1,399,691 pounds of cornstarch, valued at \$48,099, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

**Cottontseed, oil and cake.**—The following table presents the statistics for cottontseed products:

	1909 <sup>1</sup>	1904 <sup>2</sup>	1899
Cotton seed crushed..... tons.....	3,798,549	3,308,830	2,479,386
<b>PRODUCTS</b>			
<b>Total value.....</b>	<b>\$147,867,894</b>	<b>\$96,407,621</b>	<b>\$85,726,632</b>
Primary products manufactured, whether for sale or for further use:			
Oil..... gallons.....	157,115,689	132,051,801	93,325,729
Meal and cake..... tons.....	1,661,734	1,343,977	884,301
Hulls..... tons.....	1,238,612	1,201,079	1,199,286
Linters..... pounds.....	174,820,999	116,767,398	57,722,053

<sup>1</sup> In addition, products to the value of \$2,917,965 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation; these establishments crushed 28,752 tons of seed and produced 1,212,832 gallons of crude oil, 12,811 tons of meal and cake, 8,926 tons of hulls, and 1,765,971 gallons of linters.

<sup>2</sup> In addition, establishments engaged primarily in the manufacture of products other than those covered by the industry designation crushed 36,440 tons of seed and produced 1,765,971 gallons of crude oil, 16,195 tons of meal and cake, 12,265 tons of hulls, and 1,685,671 pounds of linters.

The amount of seed crushed in mills engaged primarily in the industry increased from 2,479,386 tons in 1899 to 3,798,549 tons in 1909, or 53.2 per cent, while the value

of all products, including fertilizer, ice, feed, etc., where carried on in connection with the manufacture of cottonseed products, increased from \$58,726,632 to \$147,867,894, or 151.8 per cent. A marked feature of the industry is the progressive increase in quantity of oil, meal, and linters, and decrease in quantity of hulls per ton of seed crushed. The ton of 2,000 pounds is used for showing quantities.

**Oil, essential.**—The products of the essential-oil industry, given in the following table, increased in value from \$813,495 in 1899 to \$1,737,234 in 1909, or 113.6 per cent. The output of natural oils increased in value 58.2 per cent, and of witch-hazel over sevenfold.

Table 74	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$1,737,234</b>	<b>\$1,464,662</b>	<b>\$813,495</b>
	<b>Natural oils</b> .....	<b>\$1,108,605</b>	<b>\$1,023,937</b>	<b>\$700,709</b>
	Peppermint.....	306,781	330,022	202,550
	Value.....	\$519,079	\$470,037	\$188,559
	Black birch.....	67,003	(?)	(?)
	Value.....	\$102,045	(?)	(?)
	Spearmin.....	33,400	(?)	(?)
	Value.....	\$83,283	(?)	(?)
	Wintergreen.....	22,281	4,737	2,166
	Value.....	\$68,963	\$15,579	\$3,638
	Other.....	(?)	327,905	638,024
	Value.....	\$385,213	\$338,321	\$308,512
	Witch-hazel.....	679,190	797,700	110,260
	Value.....	\$412,322	\$367,573	\$54,649
	All other products.....	\$216,309	\$72,852	\$58,137

<sup>1</sup> In addition, essential oils to the value of \$17,489 in 1909 and \$14,500 in 1904 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

<sup>3</sup> The products classified under this head include 49,327 pounds, valued at \$44,494; quantities not reported for the remainder.

**Paint and varnish.**—The inquiry at the present census in regard to specific materials used in the manufacture of paints and varnishes was confined to pig lead and alcohol, the comparative statistics for which, including establishments engaged primarily in the manufacture of products other than those covered by the industry designation, are as follows:

Table 75	MATERIAL.	1909	1904	1899
	<b>Pig lead:</b>			
	Tons (2,000 pounds).....	145,917	129,629	99,052
	Cost.....	\$12,014,859	\$11,214,961	\$8,585,088
	<b>Alcohol:</b>			
	Gallons.....	1,683,382	1,416,746	388,368
	Cost.....	\$930,066	\$928,946	\$461,417
	<b>Wood:</b>			
	Gallons.....	1,327,157	1,357,882	310,059
	Cost.....	\$668,362	\$790,243	\$285,519
	<b>Grain:</b>			
	Gallons.....	326,225	59,664	78,309
	Cost.....	\$226,724	\$108,703	\$175,907

The statistics for paint and varnish products are given in the following table, which does not include the pigments ground in establishments classified as engaged in the manufacture of kaolin and ground earths, the blacks made by establishments classified as engaged in the manufacture of bone, carbon, and lamp black, nor lead or zinc oxide made by lead and zinc smelters. During the period 1899 to 1909 the value of all products increased from \$69,562,235 to \$124,889,422, or 79.5 per cent. Paints in oil constitute

the most important group. The output of pigments, including white lead in oil, increased 141.9 per cent, and that of varnishes and japans 69 per cent in value.

Table 76	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$124,889,422</b>	<b>\$90,859,609</b>	<b>\$69,562,235</b>
	<b>Pigments:</b>			
	White lead, dry.....	\$16,985,588	\$11,965,806	\$13,319,387
	Value.....	\$8,234,414	\$2,398,868	\$1,102,316
	Pounds.....	\$3,921,803	\$2,877,109	\$4,211,181
	Oxides of lead.....	63,404,846	69,734,320	50,759,623
	Value.....	\$1,662,062	\$2,391,772	\$2,550,340
	Lampblack and other blacks.....	1,810,445	757,244	1,065,000
	Value.....	\$105,063	\$49,869	\$40,250
	Iron oxides and other earth colors.....	111,674,675	48,345,978	33,453,896
	Value.....	\$876,531	\$331,416	\$318,242
	Other dry colors.....	162,409,565	98,194,081	167,479,940
	Value.....	\$6,874,333	\$5,066,083	\$5,317,993
	<b>Barytes:</b>			
	Pounds.....	49,496,025	22,229,980	16,473,060
	Value.....	\$2,008,757	\$1,015,383	\$861,521
	<b>Pulp colors, sold moist:</b>			
	Pounds.....	28,435,722	25,351,515	20,060,935
	Value.....	\$1,577,220	\$1,045,383	\$861,521
	<b>Paints in oil:</b>			
	White lead in oil.....	\$56,763,296	\$40,390,059	(?)
	Value.....	\$246,567,570	\$16,496,450	(?)
	Paste.....	\$15,234,411	\$11,228,889	(?)
	Value.....	\$162,356,330	\$131,040,464	\$96,410,398
	Already mixed for use.....	\$11,279,459	\$8,713,185	\$17,601,459
	Gallons.....	33,272,033	22,379,020	16,879,595
	Value.....	\$30,249,420	\$20,447,987	\$14,864,128
	<b>Varnishes and japans:</b>			
	Oil-soluble.....	\$31,202,335	\$22,871,480	\$18,502,219
	Gallons.....	18,476,523	12,822,817	10,333,554
	Value.....	\$17,350,113	\$15,702,997	\$14,332,554
	Damar and similar turpentine and benzene varnishes.....	3,481,231	1,162,719	14,282,851
	Value.....	\$2,536,941	\$804,497	\$1,333,554
	<b>Spirit varnishes not turpentine:</b>			
	Gallons.....	1,181,746	1,553,562	548,811
	Value.....	\$1,408,048	\$2,180,713	\$868,259
	<b>Pyroxyn varnishes:</b>			
	Gallons.....	1,850,141	148,230	160,127
	Value.....	\$2,351,435	\$162,363	\$178,826
	<b>Driers, japans and lacquers:</b>			
	Gallons.....	9,474,939	(?)	(?)
	Value.....	\$3,994,973	\$3,346,355	\$3,084,610
	All other.....	\$2,221,035	\$1,479,238	(?)
	Value.....	\$3,126,271	\$2,344,636	(?)
	<b>Filters:</b>			
	Liquids.....	1,159,569	1,051,148	(?)
	Value.....	\$823,063	\$785,617	(?)
	<b>Paste:</b>			
	Pounds.....	14,050,329	(?)	(?)
	Value.....	\$897,948	(?)	(?)
	<b>Dry:</b>			
	Pounds.....	50,983,472	68,761,174	(?)
	Value.....	\$248,728	\$1,559,019	(?)
	<b>Putty:</b>			
	Gallons.....	63,502,048	(?)	(?)
	Value.....	\$1,119,532	(?)	(?)
	<b>Water paints and kalsomine:</b>			
	Dry or in paste.....	47,465,295	27,932,447	(?)
	Value.....	\$1,917,038	\$924,807	(?)
	<b>Already mixed for use:</b>			
	Gallons.....	522,283	123,400	(?)
	Value.....	\$61,969	\$9,230	(?)
	<b>Linseed oil:</b>			
	Gallons.....	3,477,094	(?)	(?)
	Value.....	\$1,912,594	(?)	(?)
	<b>Bleached shellac:</b>			
	Pounds.....	3,014,196	(?)	(?)
	Value.....	\$578,650	(?)	(?)
	All other products.....	\$12,281,451	\$12,333,585	\$5,274,944

<sup>1</sup> In addition, paints and varnishes, to the value of \$2,883,397 in 1909 and \$1,221,338 in 1904, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Includes white lead in oil. <sup>3</sup> Not reported separately.

Note.—The following products were made and consumed in establishments where produced:

	1909	1904
White lead, dry.....	pounds..... 162,702,089	122,288,484
Lead oxides.....	pounds..... 4,526,425	13,589,147
Varnishes.....	gallons..... 4,405,112	1,202,674
Drying japans and driers.....	gallons..... 3,090,756	988,979
Collodion and other cellulose nitrate solutions.....	gallons..... 20,600	1,576,442
Pyroxyn and other cellulose nitrates.....	pounds..... 24,750	12,000
Coppers.....	pounds..... 11,531,066	

**Petroleum refining.**—The products of the petroleum-refining industry, statistics for which are presented in the following table, aggregated \$236,997,659 in value in 1909 as compared with \$123,929,384 in 1899, the increase during the decade being 91.2 per cent. This conforms closely to the increase in the cost of crude petroleum used, which was 89.4 per cent. The crude petroleum used increased in quantity from 52,011,005 barrels of 42 gallons in 1899 to 120,775,439 barrels in 1909, or 132.2 per cent, and the refined-oil products aggregated 40,290,985 barrels of 50 gallons in 1899, 46,454,062 barrels in 1904, and 89,082,810 barrels in 1909, an increase for the decade of 136.2 per cent.

	1909	1904	1899
<b>Crude petroleum used:</b>			
Barrels (42 gallons)	120,775,439	66,982,862	52,011,005
Cost	\$182,307,040	\$107,487,091	\$80,424,907
PRODUCTS. <sup>1</sup>			
<b>Total value</b>	<b>\$236,997,659</b>	<b>\$175,005,320</b>	<b>\$123,929,384</b>
<b>Oils</b>			
<b>Illuminating—</b>			
Barrels (50 gallons)	33,495,798	27,135,094	25,171,289
Value	\$94,547,010	\$91,366,434	\$74,094,297
<b>Fuel (including gas oils)—</b>			
Barrels	34,034,577	7,309,428	6,095,224
Value	\$36,462,883	\$9,206,391	\$7,550,664
<b>Lubricating</b>			
Barrels	10,745,885	6,298,251	3,408,918
Value	\$38,884,230	\$23,553,991	\$10,897,214
<b>Naphtha and gasoline (including gas naphtha)—</b>			
Barrels	10,806,550	5,811,289	5,615,554
Value	\$39,771,959	\$21,314,837	\$15,991,742
<b>Paraffin wax—</b>			
Barrels	946,830	794,068	774,924
Value	\$9,388,812	\$10,907,274	\$7,791,149
<b>Oil asphaltum—</b>			
Tons (2,000 pounds)	233,328	( <sup>2</sup> )	( <sup>3</sup> )
Value	\$2,724,202	( <sup>2</sup> )	( <sup>3</sup> )
<b>Residuum or tar—</b>			
Value	1,787,008	3,187,921	596,615
Value	\$2,215,623	\$3,138,361	\$688,455
<b>Greases (lubricating, etc.)—</b>			
Barrels	138,302	202,439	572,140
Value	\$1,567,647	\$1,394,130	\$2,454,617
<b>Coke and black naphtha—</b>			
Value	\$407,665	\$149,653	\$176,281
<b>Sindge acid—</b>			
Tons (2,000 pounds)	133,215	116,104	( <sup>3</sup> )
Value	\$402,255	\$400,490	( <sup>3</sup> )
<b>All other products.</b>	\$10,524,747	\$14,475,669	\$3,684,965
EQUIPMENT.			
<b>Stills, number</b>	2,395	1,907	1,774
Heated by steam—			
Number	451	282	290
Capacity (barrels 42 gallons)	424,564	( <sup>2</sup> )	( <sup>3</sup> )
Heated by superheated steam—			
Number	16	( <sup>2</sup> )	26
Capacity (barrels 42 gallons)	6,200	( <sup>2</sup> )	( <sup>3</sup> )
Heated by fire—			
Number	1,928	1,610	1,458
Capacity (barrels 42 gallons)	1,656,534	( <sup>2</sup> )	( <sup>3</sup> )
Agitators, number	529	374	227
Chilling houses for paraffin, number	79	62	48
Hydraulic or other presses, number	357	311	510
<b>Storage tanks for crude petroleum:</b>			
Number	678	304	257
Capacity, gallons	242,996,505	245,760,493	( <sup>2</sup> )
<b>Storage tanks for refined petroleum:</b>			
Number	6,476	3,375	2,809
Capacity, gallons	1,041,627,444	576,438,825	( <sup>2</sup> )
Cooler shops, number	53	64	48
Tin shops, number	14	17	13

<sup>1</sup> In 1909, 48,880 tons of sulphuric acid, and in 1904, 49,379 tons, were made and consumed in establishments where produced.

<sup>2</sup> Not reported separately.

<sup>3</sup> Not reported.

The largest gain was that in the output of fuel oils, which increased from 7,209,428 barrels in 1904 to 34,034,577 barrels in 1909, as the result of the increase in the refining of low-grade crudes. The output

of lubricating oils and naphtha also increased very rapidly. The decrease in the value of "all other products" in 1909 as compared with 1904 is due in part to the fact that the products of the box, cooperage, tinware, and paint shops operated by the refineries were included in 1904, but when possible separate reports were obtained for these departments in 1909 and the statistics for them were included with those for other industries at this census.

**Salt.**—The statistics for the salt industry are given in the following table.<sup>1</sup> The value of all products increased from \$7,966,897 in 1899 to \$11,327,834 in 1909, or 42.2 per cent. The production of salt increased from 15,187,819 barrels in 1899 to 29,933,060 barrels in 1909, or 97.1 per cent, while the value of the product increased from \$5,869,302 to \$8,311,729, or 41.6 per cent, the average value per barrel decreasing from 39 cents in 1899 to 28 cents in 1909 on account of the greatly increased proportion of the lower grades of salt manufactured. The barrel of 280 pounds is used in showing quantities.

PRODUCT.	1909	1904	1899
<b>Total value</b>	<b>\$11,327,834</b>	<b>\$9,437,662</b>	<b>\$7,966,897</b>
<b>Salt:</b>			
Barrels	29,933,060	17,138,572	15,187,819
Value	\$8,311,729	\$6,955,734	\$5,869,897
<b>Bromine:</b>			
Tons	2,728,575	261,065	279,437
Value	\$92,735	\$72,584	\$64,921
<b>All other products</b>	<b>\$2,923,570</b>	<b>\$2,409,344</b>	<b>\$2,032,614</b>
<i>Salt, classified by grade (barrels).</i>			
Table and dairy	3,042,824	3,119,091	1,866,058
Common fine	7,745,204	6,284,293	6,896,126
Common coarse	2,843,383	1,873,666	2,435,282
Packers	385,802	498,943	182,900
Coarse solar	1,106,296	1,677,182	810,974
Rock salt, mined	5,598,721	3,416,835	2,543,679
Milling, other grades, and brine	8,867,720	283,562	182,770
<i>Process employed.</i>			
<b>Total number of establishments</b>	<b>121</b>	<b>146</b>	<b>199</b>
<b>Number reporting:</b>			
Solar	46	63	( <sup>2</sup> )
Kettle	1	7	( <sup>2</sup> )
Crainer	40	10	( <sup>2</sup> )
Open pan	11	12	( <sup>2</sup> )
Vacuum pan	21	20	( <sup>2</sup> )

<sup>1</sup> In addition, 25,943 barrels of salt, to the value of \$8,415, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Includes potassium bromide.

<sup>3</sup> Not reported.

**Soap.**—The statistics for the soap industry given in Table 79 for 1909 and 1904 include those for the soap factories operated by the owners of slaughtering and meat-packing establishments as well as for establishments engaged primarily in the manufacture of soap. In 1899 the manufacture of soap and of candles was reported as one industry, the value of products being \$53,231,017. In 1904 the value of the combined products of these industries was \$72,164,062 and in 1909, \$114,488,298.

The cost of the materials used in the soap industry was \$72,179,418 in 1909 and \$43,625,608 in 1904, the

<sup>1</sup> The statistics differ from those published by the United States Geological Survey, which include Hawaii and Porto Rico.

increase for the five-year period being 65.5 per cent. The value of all products was \$111,357,777 in 1909 and \$68,274,700 in 1904, the increase for the five-year period being 63.1 per cent. With the addition of the by-products from establishments in other industries the total value of soap products was \$115,455,172 in 1909. The chief soap product was hard soap, which, including that made in establishments engaged primarily in the manufacture of products other than soap, aggregated 883,583 net tons in 1909. Glycerin is an important product of the soap industry. Reference should be made to Table 66 for the glycerin product of chemical establishments.

Table 79	1909	1904
MATERIALS.		
Total cost.....	\$72,478,418	\$49,625,908
Tallow, grease, and other fats:		
Pounds.....	413,969,787	475,618,277
Cost.....	\$25,341,965	\$19,723,213
Cocanut and palm-kernel oil:		
Gallons.....	11,856,837	6,833,132
Cost.....	\$5,875,294	\$2,694,934
Cottonseed oil:		
Gallons.....	24,221,712	13,276,006
Cost.....	\$9,718,988	\$3,852,987
Rosin:		
Pounds.....	207,296,447	168,107,246
Cost.....	\$4,862,442	\$2,734,849
Foots:		
Pounds.....	94,650,892	59,761,748
Cost.....	\$2,453,699	\$1,222,982
Caustic soda:		
Tons (2,000 pounds).....	52,172	71,551
Cost.....	\$2,212,232	\$2,843,988
Soda ash:		
Tons (2,000 pounds).....	121,016	53,777
Cost.....	\$2,281,787	\$1,011,694
All other materials.....	\$21,933,191	\$9,513,764
PRODUCTS.		
Total value.....	\$111,357,777	\$68,274,700
Hard soap:		
Pounds.....	1,736,740,456	1,355,398,649
Value.....	\$83,569,489	\$378,489
Soft soap:		
Pounds.....	44,852,615	33,613,416
Value.....	\$9,943,676	\$667,964
Glycerin:		
Pounds.....	139,680,200	27,669,921
Value.....	\$5,713,338	\$2,958,115
Special soap articles.....	\$731,823	\$554,881
All other products.....	\$15,447,860	\$7,216,154

<sup>1</sup> In addition, the following products were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation:

	1909	1904
Soap:		
Hard—		
Pounds.....	30,424,855	31,251,785
Value.....	\$1,279,094	\$1,148,920
Soft—		
Pounds.....	15,984,005	10,285,839
Value.....	\$7,464,246	\$1,277,886
Glycerin:		
Pounds.....	17,298,721	285,000
Value.....	\$1,076,746	\$45,200
All other products.....	\$1,416,174	\$148,981

<sup>2</sup> In addition, 5,597,510 pounds were reported with no value.

<sup>3</sup> In addition, 25,319 pounds were reported with no value.

Note.—The following products were made and consumed in establishments where produced:

	1909	1904	
Red oil.....	gallons.....	3,175,795	1,149,346
Tallow.....	gallons.....	17,709,219	10,635,271
Cottonseed oil.....	gallons.....	2,422,843	920,410
Caustic lye, 30° Baumé.....	gallons.....	15,931,639	9,598,622
Sodium silicate.....	pounds.....	37,464,246	1,277,886
Glycerin.....	pounds.....	5,816,279	3,433,359
Framed soap.....	pounds.....	527,370,128	114,432,424

Sulphuric, nitric, and mixed acids.—Comparative statistics for the products of establishments engaged primarily in the manufacture of sulphuric, nitric, and mixed acids are given in the following table. The total value of products was \$9,884,057 in 1909, as compared with \$8,596,390 in 1899, an increase of 15 per cent. This increase was chiefly in sulphuric acid, the output of which increased in quantity (on the basis of 50° acid) 88.8 per cent and in value 38.3 per cent. The ton of 2,000 pounds is used in showing quantities.

Table 80	PRODUCT.	1909	1904	1899
Total value.....				
		\$9,884,057	\$9,052,616	\$8,596,390
Acids:				
Sulphuric:				
	Tons, reduced to 50° Baumé.....	\$55,191	467,614	452,942
	Value.....	\$7,567,274	\$6,955,078	\$6,209,872
	Tons.....	703,185	364,374	324,365
	Value.....	\$4,629,496	\$4,286,312	\$4,071,848
	66° Baumé—			
	Tons.....	207,470	199,663	250,328
	Value.....	\$3,158,097	\$2,886,179	\$3,244,550
	63° Baumé—			
	Tons.....	73,073	13,634	13,630
	Value.....	\$401,734	\$121,432	\$199,330
	50° Baumé—			
	Tons.....	1,151,977	302,626	60,387
	Value.....	\$2,069,665	\$1,278,701	\$627,882
Nitric:				
	Pounds.....	8,396,326	20,492,570	20,492,570
	Value.....	\$499,303	\$1,446,471	\$1,028,206
Mixed:				
	Pounds.....	45,361,626	42,812,894	42,301,319
	Value.....	\$1,438,475	\$1,222,255	\$1,109,738
All other products.....				
		\$2,316,783	\$2,097,568	\$2,386,518

<sup>1</sup> In addition, the following products were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation:

	1909	1904	
Acids:			
Sulphuric (50°)—			
	Tons.....	621,801	433,377
	Value.....	\$4,455,263	\$3,655,899
Nitric—			
	Pounds.....	18,929,620	15,957,526
	Value.....	\$857,735	\$804,473
Mixed—			
	Pounds.....	11,820,542	22,518,433
	Value.....	\$422,312	\$735,061
All other products.....			
		\$511,532	

<sup>2</sup> Includes the equivalent of 27,602 tons of oleum.

<sup>3</sup> Includes the equivalent of 13,268 tons of oleum.

Note.—In 1909, 1,271,335 tons of sulphuric acid (50°) and 110,760,619 pounds of nitric acid, and in 1904, 968,435 tons of sulphuric acid (50°) and 62,166,896 pounds of nitric acid were made and consumed in establishments where produced.

Including by-products from establishments engaged primarily in the manufacture of products other than those covered by the industry designation, the total production of these acids for sale in 1909 and 1904 was as follows:

Table 81	KIND.	1909	1904
Sulphuric acid (50°):			
	Tons.....	1,476,932	900,991
	Value.....	\$10,084,759	\$7,942,211
Nitric acid:			
	Pounds.....	27,325,846	46,264,081
	Value.....	\$1,357,098	\$2,250,944
Mixed acids:			
	Pounds.....	57,162,168	65,321,327
	Value.....	\$1,860,787	\$1,957,356

A large amount of sulphuric acid made and consumed in the establishments where manufactured, particularly in fertilizer factories, must be taken into

account in considering the total production. The following table gives the total production for the three census years:

Table 82	SULPHURIC ACID.	1909	1901	1899
Total, reduced to 50° Baumé acid..... tons.....		2,748,527	1,809,437	1,548,123
For sale.....		1,476,302	900,952	753,768
For consumption.....		1,271,335	908,445	794,355

**Turpentine and rosin.**—The products of the turpentine and rosin industry for which statistics are presented in the following table increased in value from \$20,344,888 in 1899 to \$25,295,017 in 1909, or 24.3 per cent, but the gain was due wholly to the great increase in the price of rosin. The turpentine product decreased in both quantity and value during the decade. The output of rosin also decreased 24.9 per cent, but its value increased 145.2 per cent. The average value of rosin per barrel increased from \$1.18 in 1899 to \$3.85 in 1909.

Table 83	PRODUCT.	1909	1901	1899
<b>Total value.....</b>		<b>\$25,295,017</b>	<b>\$23,937,024</b>	<b>\$20,344,888</b>
Turpentine:				
Gallons.....		28,988,954	30,687,051	38,488,170
Value.....		\$12,654,228	\$15,170,499	\$14,900,233
Rosin:				
Barrels (280 pounds).....		3,263,857	3,508,347	4,348,094
Value.....		\$12,576,721	\$8,725,619	\$5,129,268
Dross and other products.....		\$64,068	\$40,906	\$253,385

<sup>1</sup> In addition, 682,702 gallons of turpentine, valued at \$243,491, was produced by wood distillation.

#### CLAY, GLASS, AND STONE PRODUCTS.

Under this general head are assembled the industries using clay, sand, and stone as basic materials, namely, the manufacture of brick, tile, pottery, terra-cotta, and fire-clay products, and that of cement, glass, and lime.

The statistics for all these industries, except glass manufacture, were collected in 1909 in cooperation with the United States Geological Survey, and the tables include, except as otherwise stated, the respective products made by establishments engaged primarily in the manufacture of other products as well as those establishments making such products as their principal business.

**Brick and tile, and pottery, terra-cotta, and fire-clay products.**<sup>1</sup>—Table 84 summarizes the statistics in regard to the products of the brick and tile, pottery, and terra-cotta and fire-clay products industries. The total value of these classes of products was \$168,895,365 in 1909 and \$95,533,862 in 1899, the increase during the decade being 76.8 per cent. Of the total value of products in 1909, that of brick formed 57.5 per cent, that of tile and allied products 23.2 per cent, and that of pottery 18.4 per cent. The percentages were practically the same in 1904 and 1899. Some of the classes show large ratios of in-

crease, notably porcelain electrical supplies and building terra cotta, including architectural terra cotta, fireproofing, and tiling.

Table 84	PRODUCT.	1909	1904	1899
<b>Total value.....</b>		<b>\$168,895,365</b>	<b>\$135,334,854</b>	<b>\$95,533,868</b>
Brick and tile, terra-cotta, and fire-clay products.....		\$136,387,846	\$109,003,306	\$76,531,645
Brick.....		\$97,137,844	\$78,728,063	\$58,640,228
Common—				
Thousand.....		9,787,671	8,683,887	7,654,528
Value.....		\$37,216,759	\$31,269,871	\$30,074,749
Fire—				
Thousand.....		838,167	678,362	670,862
Value.....		\$16,620,695	\$11,732,625	\$8,836,562
Vitrified, paving, etc.—				
Thousand.....		1,023,634	715,539	590,730
Value.....		\$11,269,586	\$7,254,088	\$4,828,456
Front, including fancy colored and fancy or ornamental—				
Thousand.....		821,641	626,142	451,240
Value.....		\$9,886,292	\$7,335,511	\$5,170,492
Sand lime.....		\$1,140,580	\$698,008	(1)
Enamelled.....		\$993,902	\$448,985	\$329,660
Drain tile.....		\$9,798,978	\$5,522,198	\$3,662,184
Sewer pipe.....		\$10,322,324	\$4,915,009	\$4,940,334
Architectural terra-cotta.....		\$6,251,625	\$3,792,763	\$2,087,532
Fireproofing, terra-cotta lumber and hollow building tile, or blocks.....				
Tile, not drain.....		\$4,466,708	\$4,317,312	\$1,665,031
Tile, not drain.....		\$5,291,963	\$2,726,717	\$1,276,300
Stone lining.....		\$423,583	(1)	\$16,285
Other.....		\$2,694,821	\$5,601,224	\$4,303,801
Pottery.....		\$31,048,541	\$28,834,513	\$17,222,040
White ware, including C. C. ware, white granite, semiporcelain ware, and semivitreous porcelain ware.....				
Sanitary ware.....		\$13,728,316	\$9,195,703	\$6,376,341
Stoneware and yellow and Rockingham ware.....		\$5,989,295	\$3,932,506	\$2,211,877
Porcelain electrical supplies.....		\$3,993,859	\$3,481,521	\$2,130,263
Other.....		\$3,047,499	\$1,500,283	\$170,365
Brick, terra-cotta, and fire-clay ware.....		\$1,766,766	\$3,478,827	\$1,297,978
China, bone china, Delft and Bed-look ware.....		\$804,806	\$821,695	\$762,280
Red earthenware.....		\$1,715,840	\$3,424,178	\$8,972,886
Other.....				
All other products.....		\$1,459,178	\$515,035	\$1,766,177

<sup>1</sup> Not reported separately.

<sup>2</sup> Product of Ohio included in "other" pottery.

**Cement.**—The statistics of products for the cement industry for 1909 and 1904, given in the following table, show a total value of \$63,205,455 in 1909 as compared with \$29,873,122 in 1904, the rate of increase for the five-year period being 111.6 per cent. In 1899 the statistics for the lime and cement industries were combined, the products aggregating \$28,673,735 in value. The value of the combined lime and cement product in 1909 was \$81,157,442, the increase for the decade being 183 per cent.

During the period 1904-1909 the output of cement increased 110.5 per cent in quantity, all of the increase being in Portland cement, while the output of natural cement and of puzzolan cement decreased greatly. Portland cement formed 97.5 per cent of the total in 1909, as compared with 83.7 per cent in 1904.

Table 85	PRODUCT.	1909	1904
<b>Total value.....</b>		<b>\$63,205,455</b>	<b>\$29,873,122</b>
Cement:			
Value.....		\$6,689,715	\$1,675,257
Portland.....		\$53,610,563	\$26,031,930
Barrels.....		64,991,431	26,505,881
Value.....		\$32,858,394	\$23,355,119
Natural—			
Barrels.....		1,537,638	4,868,231
Value.....		\$652,766	\$2,450,150
Puzzolan			
Barrels.....		109,646	303,045
Value.....		\$99,463	\$226,661
All other products.....		\$9,594,892	\$3,841,202

<sup>1</sup> The statistics differ from those published by the United States Geological Survey, which include Porto Rico.

**Glass.**—The following table presents comparative statistics for the glass industry, giving the total cost of materials and the total value of products, together with the quantities of the principal materials and products, for the years 1909, 1904, and 1899. There was an increase of 62.9 per cent in the value of all

products for 1909 as compared with 1899. The increase in the value of building glass amounted to 53.9 per cent; that in the value of pressed and blown glass to 60.4 per cent; and that in the value of bottles and jars to 66.2 per cent. The *ton of 2,000 pounds* is used in showing quantities.

Table 86	1909	1904	1899		1909	1904	1899
<b>PRINCIPAL MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
Total cost.....	\$32,119,499	\$26,145,522	\$16,731,009	Building glass—Continued.			
Glass sand, tons.....	1,004,086	769,792	581,720	Sky-light.....	15,409,966	15,255,541	3,679,694
Soda ash (carbonate of soda), tons.....	373,764	215,462	157,779	Square feet.....			
Salt cake (sulfate of soda), tons.....	76,546	53,985	35,257	Value.....	\$788,726	\$678,391	\$165,056
Nitrate of soda, tons.....	19,676	11,915	10,770	All other.....	\$964,599	\$1,153,214	\$230,656
Limestone, tons.....	156,577	115,655	91,015	Pressed and blown glass.....	\$27,398,445	\$21,956,158	\$17,076,125
Lime, bushels.....	1,236,117	1,166,542	993,349	Tableware, 100 pieces.....	1,286,056	1,285,974	655,141
Arsenic, pounds.....	3,140,720	2,676,650	2,349,261	Jellies, tumblers, and goblets, dozen.....	11,687,059	7,346,214	8,544,050
Carbon, tons.....	5,480	6,750	4,155	Lamps, dozen.....	822,482	457,017	807,765
Manganese, pounds.....	3,822,663	3,626,959	1,493,328	Champnes, dozen.....	6,652,967	7,039,746	6,749,625
Litharge and red lead, pounds.....	11,633,149	9,613,649	8,386,160	Lantern globes, dozen.....	952,620	1,765,247	1,944,816
Porcelain or paraffin, pounds.....	6,938,255	5,446,358	4,496,211	Globes and other electrical goods, dozen.....			
Grinding sand, tons.....	706,680	810,836	365,438	Shades, globes, and other gas goods, dozen.....	11,738,798	1,901,415	(*)
Rouge, pounds.....	1,333,182	1,098,556	837,536	Blown tumblers, stem ware, and bar goods, dozen.....	1,541,449	878,244	2,673,854
				Opal ware, dozen.....	9,182,060	6,282,606	6,127,367
<b>PRODUCTS.</b>					3,065,666	1,061,298	3,750,443
Total value.....	\$92,095,200	\$79,607,998	\$56,639,712	Cut ware, dozen.....	306,346	85,736	134,726
Building glass.....	\$26,308,438	\$21,697,861	\$11,096,234	Bottles and jars.....	\$36,018,333	\$33,631,063	\$21,676,791
Windows.....				Prescriptions, vials, and druggists' ware, gross.....	3,624,022	3,202,586	2,423,932
36-foot boxes.....	6,921,611	4,852,313	4,341,282	Beer, soda, and mineral, gross.....	2,345,204	2,351,852	1,351,118
Value.....	\$11,742,969	\$11,610,851	\$10,879,355	Liquors and flasks, gross.....	1,887,344	2,157,801	985,574
Plate.....	60,105,694	34,904,984	21,172,129	Milk jars, gross.....	440,302	253,651	146,142
Total cost, square feet.....				Fruit jars, gross.....	1,124,485	1,061,829	789,298
Polished.....				Battery jars and other electrical goods, gross.....	9,981	19,974	(*)
Square feet.....	47,370,254	27,290,138	16,883,578	Paint and proprietary, gross.....	1,657,572	1,296,131	1,296,131
Value.....	\$12,204,875	\$7,978,203	\$5,158,598	Packers and preservers, gross.....	1,237,175	1,237,065	784,588
Rough, made for sale.....	205,600	17,784	628,684	Detajohns and carbons, dozen.....	122,570	6,415,030	83,243
Square feet.....				All other products.....	\$2,369,987	\$2,322,916	\$690,562
Value.....	\$7,405,980	\$4,650,861	\$2,846,361				
Cathedral.....							
Square feet.....							
Value.....	\$569,848	\$263,623	\$567,232				

\* In addition, 42,639 gross of bottles and jars, valued at \$90,490, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

\* In addition, glassware to the value of \$9,663 was made at establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

\* Not reported.

**Lime.**—The total value of the lime reported as manufactured in 1909 was \$13,763,604 as compared with \$9,951,456 in 1904, an increase for the five-year period of 38.3 per cent. The quantity reported in 1909 was 3,467,523 tons (2,000 pounds), of which 1,904,202 tons was used for building or structural purposes; 591,792 tons for fertilizing; and the remainder in various manufacturing establishments, such as paper mills, tanneries, sugar factories, and alkali works. The value of all products reported by establishments engaged primarily in the manufacture of lime was \$17,951,987 in 1909 and \$14,751,170 in 1904.

#### VEHICLES FOR LAND TRANSPORTATION.

Under the above heading are given statistics for the manufacture of automobiles, bicycles, motorcycles, and carriages and wagons, and the construction of steam and electric railroad cars, and also for the operations of the construction and repair shops of railroads.

**Automobiles.**—The statistics for automobiles are presented in Table 87. Under "all other products" are included the products of establishments engaged

in the manufacture of automobile bodies and parts, which are sold largely to automobile manufacturers, as well as the value of bodies and parts made and sold separately by automobile manufacturers. The total value of products for the industry thus involves considerable duplication. The growth of the automobile industry has been phenomenal. In 1899 the general statistics for the industry were included with those for carriage and wagon manufacture, and only 3,897 automobiles were reported. In 1904 the total number, including automobiles made by concerns classified under other industries, was 22,830, while in 1909 the number was 127,287, or nearly thirty-three times the number reported in 1899.

The value of all products of the industry proper was \$249,202,075 in 1909 and \$30,033,536 in 1904. Gasoline machines formed 95.1 per cent of the total number made in 1909 and 86.2 per cent in 1904. Of the total number manufactured in 1909, 3,226, or 2.5 per cent, were rated at 50 horsepower or more; 51,218, or 40.5 per cent, at from 30 to 49 horsepower; 35,257, or 27.8 per cent, at from 20 to 29 horsepower; 29,353, or 23.2 per cent, at from 10 to 19 horsepower; and 7,539, or 6 per cent, at less than 10 horsepower. Passenger vehicles constituted 97.4 per cent of the total number and business vehicles 2.6 per cent.

\* The statistics differ from those published by the United States Geological Survey, which include Hawaii and Porto Rico.

Table 87 PRODUCT.	1909		1904	
	Number.	Value.	Number.	Value.
Total value.....		\$249,202,075		\$30,033,536
Automobiles.....	126,593	164,209,324	21,692	23,751,234
Gasoline.....	130,393	153,529,653	18,699	19,566,949
Electric.....	3,826	3,299,430	1,425	2,496,255
Steam.....	2,374	3,480,241	1,568	1,688,038
Passenger tricles (pleasure, family, and public conveyances).....	123,538	159,039,391	21,281	22,894,287
Gasoline.....	117,633	149,530,232	18,504	19,309,654
Electric.....	3,331	6,028,828	1,211	1,819,585
Steam.....	2,574	3,480,241	1,566	1,684,038
Buggies.....	4,822	4,391,250	(*)	(*)
Gasoline.....	4,314	2,039,129	(*)	(*)
Electric.....	508	3,352,121	(*)	(*)
Rimabons.....	36,204	28,039,479	12,131	8,831,504
Gasoline.....	35,347	27,116,901	10,969	7,976,521
Electric.....	496	648,530	455	453,304
Steam.....	361	204,948	677	401,379
Touring cars.....	76,114	113,974,188	7,220	11,781,521
Gasoline.....	75,983	109,842,295	6,444	10,576,023
Electric.....	243	387,526	39	55,088
Steam.....	1,988	3,171,367	(*)	1,150,460
Closed (limousine, cabs, etc.).....	5,225	12,729,304	(*)	(*)
Gasoline.....	3,290	8,762,768	(*)	(*)
Electric.....	1,915	3,966,536	(*)	(*)
All other (omnibus sight-seeing wagons, ambulances, patrol wagons, etc.).....	1,233	2,485,080	1,630	2,191,292
Gasoline.....	799	1,757,139	1,061	749,810
Electric.....	409	674,015	717	1,311,253
Steam.....	23	43,926	132	132,199
Business vehicles (merchandise).....	3,255	5,230,023	111	946,947
Gasoline.....	2,700	3,999,430	106	296,287
Electric.....	495	1,230,602	214	676,660
Steam.....	2	2	2	4,000
Delivery wagons.....	1,862	1,918,856	251	455,467
Gasoline.....	1,645	1,474,063	140	215,897
Electric.....	217	444,793	109	238,569
Steam.....	2	2	2	4,000
Trucks.....	1,366	3,165,512	190	491,490
Gasoline.....	1,000	2,384,703	55	60,290
Electric.....	276	780,809	105	441,100
All other.....	27	145,655	(*)	(*)
Gasoline.....	25	140,655	(*)	(*)
Electric.....	2	5,000	(*)	(*)
All other products, including bodies and parts.....		78,584,753		5,431,249
Amount received for custom work and repairing.....		6,317,998		851,053

<sup>1</sup> In addition, 694 automobiles, valued at \$830,680, and bodies and parts valued at \$4,415,266, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> In addition, 1,138 automobiles, valued at \$79,925, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> Not reported separately.

<sup>4</sup> None reported.

<sup>5</sup> Includes custom work and repairing by establishments manufacturing bodies and parts.

**Bicycles and motorcycles, and parts.**—The following table presents the comparative statistics of products for the bicycle and motorcycle industry. It does not include children's bicycles and tricycles. A marked feature is the decline in the manufacture of bicycles and tricycles and the increase in the manufacture of motorcycles.

Table 88 PRODUCT.	1909	1904	1899
Total value.....	\$10,698,657	\$5,153,240	\$31,915,908
Bicycles.....			
Number.....	168,824	225,309	1,112,880
Value.....	\$2,436,996	\$3,203,505	\$22,127,310
Tricycles.....			
Number.....	(*)	32	328
Value.....	(*)	\$3,550	\$17,261
Motorcycles.....			
Number.....	18,628	2,300	160
Value.....	\$3,015,988	\$354,980	\$33,674
All other products, including parts.....	\$5,245,583	\$1,591,405	\$9,737,663

<sup>1</sup> In addition, the following products were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation: In 1909, 64,883 bicycles, valued at \$791,185, and other products, including parts, etc., valued at \$579,927; in 1904, 25,178 bicycles, valued at \$357,418; 28 motorcycles, valued at \$1,200; and other products, including parts, valued at \$24,341; and in 1899, 69,811 bicycles, valued at \$1,297,477, and other products valued at \$24,600.

<sup>2</sup> None reported.

The total value of products of the industry decreased from \$31,915,908 in 1899 to \$5,153,240 in 1904, but by 1909 it had risen again to \$10,698,657, or more than double the figures for 1904.

**Carriages and wagons and materials.**—The following table presents statistics for the manufacture of carriages and wagons, including under "All other products" the products of establishments engaged in the manufacture of carriage and wagon materials, but not including children's carriages and sleds. The total value of products increased from \$138,261,763 in 1899 to \$159,892,547 in 1909, or 15.6 per cent. The value of wagons increased \$8,852,172, or 28.5 per cent, though the number manufactured was very little larger in 1909 than in 1899. The carriages reported were both fewer in number and lower in value in 1909 than in 1899. Public conveyances also show a decrease in value, but a slight increase in number. In each of these three classes the decreases that appear for the decade as a whole have taken place entirely since 1904, in which year the numbers and values reported exceeded those for 1899. The decreases are presumably due to the growth of the automobile industry.

Table 89 PRODUCT.	1909	1904	1899
Total value.....	\$169,892,547	\$155,868,849	\$138,261,763
Carriages (family and pleasure):			
Number.....	828,411	937,409	904,639
Value.....	\$47,756,118	\$55,790,276	\$51,265,393
Wagons:			
Number.....	357,685	643,755	570,428
Value.....	\$39,835,040	\$37,195,230	\$31,080,738
Business:			
Number.....	154,631	133,422	(*)
Value.....	\$16,440,816	(*)	(*)
Farm:			
Number.....	429,362	505,025	(*)
Value.....	\$22,615,875	(*)	(*)
Government, municipal, etc.:			
Number.....	3,102	5,308	(*)
Value.....	\$876,219	(*)	(*)
Public conveyances (cabs, hacks, limousins, hotel coaches, omnibuses, etc.):			
Number.....	2,243	2,711	2,218
Value.....	\$939,267	\$1,314,952	\$1,114,090
Sleighs and sleds:			
Number.....	100,809	127,455	117,006
Value.....	\$2,965,840	\$2,964,560	\$2,290,993
Automobiles:			
Number.....	544	199	174
Value.....	\$569,119	\$235,675	\$129,053
All other products, including parts, and amount received for repair work.....	\$98,629,283	\$58,678,156	\$52,351,586

<sup>1</sup> In addition, 14,908 carriages, valued at \$1,078,635; 12,112 wagons, valued at \$2,063,288; 104 public conveyances, valued at \$3,615; 8,209 sleighs and sleds, valued at \$165,917; and parts and materials, valued at \$1,184,256, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> In addition, carriages and wagons, valued at \$612,173, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> Not reported separately.

<sup>4</sup> Automobiles manufactured in establishments devoted primarily to the manufacture of carriages and wagons.

**Cars and general shop construction and repairs by steam-railroad companies.**—Table 90 presents statistics of the work done by construction and repair shops operated by steam-railroad companies, not including roundhouses where running repairs are made. The total value of such work was \$405,600,727 in 1909 and \$218,238,277 in 1899, the rate of increase

for the decade being 85.9 per cent. Most of the value represents that of repairs, comparatively little representing new construction.

Table 90	CLASS OF WORK.	1909	1904	1899 <sup>1</sup>
	<b>Total value</b> .....	\$405,000,727	\$309,775,089	\$218,238,277
	Motive power and machinery department.....	\$184,971,870	\$149,643,933	\$94,447,200
	Locomotives built:			
	Number.....	215	148	272
	Value.....	\$3,289,149	\$1,853,339	\$3,276,393
	Repairs to locomotives, motors, etc.....	\$127,928,773	\$101,328,805	\$57,383,143
	Work for other corporations.....	\$4,715,004	\$5,081,307	\$3,338,589
	All other products or work.....	\$40,018,933	\$40,781,902	\$30,449,135
	Car department.....	\$199,768,939	\$149,748,330	\$118,376,552
	Cars built.....	\$13,328,171	\$12,990,011	\$16,321,352
	Passenger—			
	Number.....	218	414	390
	Value.....	\$1,291,354	\$2,337,977	\$1,441,733
	Freight—			
	Number.....	13,972	14,742	26,543
	Value.....	\$11,767,664	\$10,006,642	\$15,079,619
	Other—			
	Number.....	359	2,000	(*)
	Value.....	\$207,153	\$645,392	(*)
	Repairs to cars of all kinds.....	\$147,194,065	\$105,310,082	\$74,665,500
	Work for other corporations.....	\$8,784,239	\$6,946,990	\$7,084,857
	All other products or work.....	\$30,464,464	\$24,492,787	\$20,104,843
	Bridge and building departments (shopwork).....	\$2,799,938	\$5,096,141	\$5,414,465
	Repairs and renewals.....	\$1,936,747	\$4,351,487	\$3,937,179
	Work for other corporations.....	\$46,496	\$40,581	\$241,626
	All other products or work.....	\$846,665	\$704,073	\$1,235,669
	All other products and work not classified.....	\$18,960,020	\$5,286,175	(*)

<sup>1</sup> Includes Alaska.

<sup>2</sup> None reported.

**Cars and general shop construction and repairs by street-railroad companies.**—The following table presents statistics of the operations of the construction and repair shops of street-railroad companies, including all electric systems and interurban electric lines—all railroads, in fact, except steam roads. The work done, which consists almost wholly of repairs, was not reported in detail in 1899, but its aggregate value in that year was \$9,370,811, as compared with \$13,437,121 in 1904 and \$31,962,561 in 1909, an increase for the decade of 241.1 per cent.

Table 91	CLASS OF WORK	1909	1904
	<b>Total value</b> .....	\$31,962,561	\$13,437,121
	Motive power and machinery department.....	\$4,510,232	\$310,946
	Repairs to cars, etc.....	\$4,104,336	\$1,000,000
	Work for other corporations.....	\$88,070	\$2,626
	All other products or work.....	\$1,417,926	\$508,320
	Car department.....	\$25,835,493	\$12,581,365
	Cars built.....	\$636,752	\$605,144
	Passenger—		
	Number.....	129	288
	Value.....	\$498,709	\$580,669
	Freight—		
	Number.....	63	13
	Value.....	\$59,102	\$11,366
	Other—		
	Number.....	51	9
	Value.....	\$68,941	\$13,109
	Repairs to cars of all kinds.....	\$22,869,777	\$11,254,505
	Work for other corporations.....	\$324,805	\$76,714
	All other products or work.....	\$1,714,129	\$988,002
	Bridge and building department (shopwork).....	\$330,948	\$327,825
	Repairs and renewals.....	\$273,594	\$255,123
	Work for other corporations.....	\$5,094	
	All other products or work.....	\$52,274	\$74,722
	All other products and work not classified.....	\$1,285,818	\$16,955

<sup>1</sup> Includes value of three electric locomotives.

**Cars, steam-railroad.**—The statistics of establishments constructing steam-railroad cars given in the

following table do not include the work of steam-railroad companies in their repair shops or that of concerns primarily engaged in the construction of street cars. The total value of products of this industry was \$123,729,627 in 1909, as compared with \$90,510,180 in 1899, an increase for the decade of 36.7 per cent. The freight cars made in 1909 were fewer in number and lower in aggregate value than those made in either 1904 or 1899, and the cars for passenger service made in 1909 were fewer in number and lower in aggregate value than those made in 1904. In fact, while there are a number of classes of products, such as passenger cars (day coaches) and ore cars, which show an increase in number and value for the five-year period 1904-1909, the increase in value for the total is more than covered by the increase in the value of "all other products."

Table 92	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	\$123,729,627	\$111,175,310	\$90,510,180
	Steam-railroad cars:			
	Passenger cars—			
	Total number.....	1,601	2,030	979
	Value.....	\$13,829,657	\$18,140,259	\$7,368,259
	Baggage and express—			
	Number.....	216	199	72
	Value.....	\$1,105,779	\$896,185	\$228,554
	Mail—			
	Number.....	95	95	42
	Value.....	\$600,912	\$576,290	\$197,468
	Passenger—			
	Number.....	357	428	331
	Value.....	\$7,269,423	\$2,955,517	\$1,975,468
	Chair, dining and buffet, parlor, sleeping, and all other—			
	Number.....	333	1,308	534
	Value.....	\$4,913,491	\$13,712,361	\$4,956,811
	Freight car—			
	Total number.....	73,177	100,616	116,590
	Value.....	\$61,691,555	\$69,148,555	\$62,161,613
	Box—			
	Number.....	29,728	38,184	47,838
	Value.....	\$25,982,446	\$28,508,632	\$26,562,893
	Coal and coke—			
	Number.....	11,473	27,998	28,857
	Value.....	\$9,419,655	\$21,367,218	\$18,414,718
	Flat—			
	Number.....	3,232	5,412	4,525
	Value.....	\$2,035,801	\$2,803,154	\$1,922,525
	Fruit—			
	Number.....	909	2,840	1,629
	Value.....	\$784,476	\$1,727,771	\$665,354
	Furniture—			
	Number.....	90	801	1,717
	Value.....	\$70,915	\$505,090	\$1,148,265
	Gondola or ore—			
	Number.....	19,467	9,518	11,821
	Value.....	\$18,128,186	\$5,518,094	\$6,879,145
	Refrigerator—			
	Number.....	2,618	3,353	2,354
	Value.....	\$2,747,937	\$3,042,533	\$1,956,097
	Stock—			
	Number.....	2,349	4,235	2,769
	Value.....	\$1,586,008	\$2,453,123	\$1,426,800
	Caboose—			
	Number.....	537	100	103
	Value.....	\$525,605	\$159,977	\$184,865
	Other—			
	Number.....	2,643	8,115	14,905
	Value.....	\$2,413,176	\$2,982,161	\$3,005,311
	Street-railroad cars:			
	Number.....	603	418	935
	Value.....	\$2,022,922	\$994,654	\$1,090,854
	Passenger—			
	Number.....	558	331	902
	Value.....	\$1,903,317	\$930,791	\$1,062,172
	Other—			
	Number.....	45	87	33
	Value.....	\$129,605	\$63,863	\$28,682
	All other products.....	\$64,184,273	\$22,891,408	\$19,800,614

<sup>1</sup> In addition, 8,977 cars, valued at \$5,924,871, and parts and repairs to the value of \$210,487, were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> In addition, 2,241 cars, valued at \$1,012,829, and parts and repairs to the value of \$101,073, were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

**Cars, street-railroad.**—The following table presenting comparative statistics of products for establishments constructing street or electric railroad cars does not include cars made in the shops of railroad companies or by concerns primarily engaged in making steam-railroad cars. In 1899 the value of all products was \$7,305,368 and in 1909 only \$7,809,866, a slight increase thus being shown for the decade. The value of products in 1904, however, exceeded that in 1909. The decrease in the construction of open cars since 1904 is especially marked.

Table 93	PRODUCT.	1909	1904
<b>Total value</b> .....			
Electric-railroad cars:		\$7,809,866	\$10,844,199
Number.....	1,922	3,966	
Value.....	\$4,602,435	\$8,302,512	
Closed—			
Number.....	1,323	2,621	
Value.....	\$3,500,781	\$5,777,257	
Combination—			
Number.....	369	502	
Value.....	\$704,309	\$1,240,864	
Open—			
Number.....	95	554	
Value.....	\$141,008	\$869,349	
Freight, express, and mail—			
Number.....	92	16	
Value.....	\$179,293	\$24,022	
Other varieties—			
Number.....	43	273	
Value.....	\$77,044	\$400,629	
Steam-railroad cars:			
Freight service, all classes—			
Number.....	167	136	
Value.....	\$111,913	\$59,563	
All other products.....			
		\$3,055,618	\$2,482,021

<sup>1</sup> Products were not shown in detail for 1899; the total value was \$7,205,368.

<sup>2</sup> In addition, 607 cars, valued at \$2,033,922, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>3</sup> In addition, 418 cars, valued at \$994,654, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>4</sup> Includes 35 horse cars, valued at \$29,132.

**Summary for railroad cars.**—The following table assembles the statistics of all railroad cars constructed, including those made in establishments not engaged primarily in the construction of railroad cars:

Table 94	PRODUCT.	1909	1904	1899
<b>Total value</b> .....				
Steam-railroad cars		\$102,137,396	\$110,249,222	\$110,249,222
Passenger service—				
Number.....	1,819	2,446	1,309	
Value.....	\$15,120,961	\$36,296,290	\$8,810,032	
Freight service <sup>1</sup> —				
Number.....	96,648	117,494	143,133	
Value.....	\$79,733,326	\$79,890,652	\$77,240,632	
Street-railroad cars: <sup>2</sup>				
Number.....	2,772	4,694	(?)	
Value.....	\$7,263,109	\$9,902,310	(?)	

<sup>1</sup> Including all service not passenger.

<sup>2</sup> Chiefly electric.

<sup>3</sup> Not reported separately; the total value of products of establishments engaged primarily in the construction of street-railroad cars amounted to \$7,305,368.

#### MISCELLANEOUS INDUSTRIES.

Statistics for all industries that can not properly be classified with any of the groups before presented, on account of the character either of the products or of the raw materials used, are given under the above head.

**Agricultural implements.**—Table 95 presents comparative statistics of the production of agricultural implements. The value of all products increased from \$101,207,428 in 1899 to \$146,329,268 in 1909, or 44.6

per cent. This includes the value of miscellaneous agricultural implements and parts not classifiable under either of the four groups shown separately and of a large number of products not distinctively agricultural, but made by manufacturers of agricultural implements, such as windmills, carriages and wagons, engines, presses, castings, lawn swings, etc. In 1909 the aggregate value of the four groups of agricultural implements—seeders and planters, implements of cultivation, harvesting implements, and separators—was \$94,524,494, compared with \$79,335,400 in 1904, an increase of 19.1 per cent.

Table 95	PRODUCT.	1909	1904	1899
<b>Total value</b> .....				
Implements of cultivation.....		\$35,246,030	\$30,607,960	\$30,607,960
Seeders and planters.....		\$13,679,921	\$11,255,177	\$11,255,177
Harvesting implements.....		\$14,568,131	\$30,862,435	\$98,010,506
Seed separators.....		\$11,030,412	\$6,639,883	
All other products.....		\$45,669,882	\$33,703,025	
Amount received for repair work.....		\$3,114,692	\$1,908,296	\$3,196,922
<b>Principal kind of implements, by number.</b>				
Implements of cultivation:				
Cultivators—				
Beet.....	3,172	3,459	2,008	
Small.....	469,626	239,173	207,171	
Wheeled.....	435,429	313,083	295,759	
Cotton scrapers.....	20,180	22,519	15,230	
Harrows—				
Disk.....	193,000	104,323	97,261	
Spring-tooth.....	112,832	86,408	389,259	
Spike-tooth.....	394,988	202,442		
Plows—				
Disk.....	22,132	39,146	17,345	
Cang.....	91,686	(?)	(?)	
Shovel.....	254,737	121,899	102,320	
Stalk.....	2,435	1,999	207	
Sully or wheel.....	15,856	13,939	13,365	
Walking.....	1,110,006	956,898	819,022	
Seeders and planters:				
Seeders—				
Broadcast.....	38,607	33,546	36,862	
Combination.....	23,963			
Corn planters—				
Hand.....	96,465	86,553	129,515	
Horse.....	122,789	90,929	78,335	
Listers.....		43,840	43,812	25,985
Cotton planters.....		79,271	127,052	45,575
Potato planters.....		23,692	35,756	25,348
Drills—				
Corn.....	20,137	28,228	21,940	
Disk.....	21,292	(?)	91,635	
Grain.....	68,611	76,929	91,635	
All other.....	32,507	606	5,302	
Seed sowers.....	7,847	59,910	83,283	
Grain cradles.....		22,635	30,656	36,163
Harvesters—				
Bean.....	1,409	695	1,425	
Corn.....	19,693	6,924	20,707	
Grain.....	129,274	108,810	233,542	
Harvesters and thrashers combined.....		543	(?)	(?)
Other.....	1,707	3,461	6,233	
Hay carriers.....		45,664	85,121	54,303
Hayforks, horse.....		43,676	62,801	51,770
Hay loaders.....		54,776	37,174	56,273
Hayrakes, horse.....		269,260	216,545	216,545
Haystackers.....		17,212	8,670	12,009
Hay tedders.....		34,286	35,745	14,510
Mowers.....		359,594	273,585	398,616
Potato diggers, horse.....		25,632	11,703	(?)
Reapers.....		58,294	60,996	35,945
Seed separators:				
Clover hullers.....	437	351	691	
Corn hullers.....	44,664	1,327	16,236	
Corn huskers and shredders.....	1,240			
Corn shellers—				
Hand.....	74,222	47,189	106,381	
Power.....	9,049	6,082	8,185	
Fanning mills.....		33,805	22,994	30,369
Thrashers—				
Horsepower.....	822	2,237	1,314	
Steam power.....	23,586	7,950	3,651	

<sup>1</sup> In addition, agricultural implements, to the value of \$2,989,776, in 1909, and to the value of \$1,349,079, in 1904, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Not reported separately.

**Electrical machinery, apparatus, and supplies.**—Table 96 summarizes the statistics of the output of electrical machinery, apparatus, and supplies, and

includes figures for such products made by establishments engaged primarily in the manufacture of other products, as well as for all products of establishments engaged primarily in the manufacture of electrical machinery, apparatus, and supplies. The value of all products was \$243,965,093 in 1909, as compared with \$105,831,865 in 1899, an increase for the decade of 130.5 per cent. Among the leading groups the highest rate of increase is for incandescent lamps, the value of which was \$3,515,118 in 1899 and \$15,714,809 in 1909.

Table 96	PRODUCT.	1909	1904	1899
	Total value	\$243,965,093	\$159,551,402	\$105,831,865
Dynamoes:	Number	16,791	15,080	10,327
	Kilowatt capacity	1,055,330	995,182	578,124
	Value	\$13,013,643	\$11,084,234	\$10,472,376
Dynamotors, motor generators, boosters, rotary converters, and double-current generators	Number	\$3,154,733	\$1,740,534	\$279,747
	Value	\$8,801,019	\$4,468,367	\$2,962,871
Transformers	Number	\$5,971,804	\$3,706,044	\$1,846,624
	Value	\$1,043,028	\$578,910	\$350,750
Switchboards, panel boards, and cut-out cabinets	Number	\$10,030	206,343	159,750
	Value	\$2,735,418	1,493,012	1,221,482
Motors:	Number	\$32,087,482	\$22,370,626	\$19,505,504
	Value	243,423	79,877	35,004
For power:	Number	1,683,677	578,910	515,705
	Value	\$15,306,421	\$13,120,948	\$7,351,480
For automobiles:	Number	2,798	1,819	3,017
	Value	\$2,471	10,807	8,220
For fans:	Number	\$294,152	\$152,685	\$192,030
	Value	199,513	102,535	97,377
For pumps:	Number	178,033	30,796	12,766
	Value	\$2,450,739	\$1,168,254	\$1,055,309
For elevators:	Number	4,988	1,333	385
	Value	\$1,188,653	\$638,473	\$2,523,901
For railways, and miscellaneous services, including value of parts and supplies:	Number	53,710	20,779	23,197
	Value	\$9,847,487	\$7,290,266	\$8,182,724
Storage batteries, including value of parts and supplies:	Number	23,119,331	16,113,073	( <sup>1</sup> )
	Value	\$4,678,209	\$2,645,749	\$2,559,601
Primary batteries, including value of parts and supplies:	Number	34,833,531	6,023,102	2,654,705
	Value	\$5,934,261	\$1,598,144	\$1,119,444
Arc lamps:	Number	123,985	188,157	188,187
	Value	\$1,706,959	\$1,874,422	\$1,827,771
Searchlights, projectors, and focusing lamps	Number	9935,874	\$114,798	\$225,635
	Value	\$15,714,809	\$6,953,205	\$3,515,118
Incandescent lamps:	Number	\$6,241,133	\$6,703,454	\$3,442,183
	Value	\$2,715,991		
Carbon filaments	Number	\$600,619	\$249,751	\$72,935
	Value	\$4,321,729	\$2,010,800	\$293,929
Tungsten	Number	\$6,128,282	\$3,294,006	\$3,250,570
	Value	\$1,567,432	\$1,111,194	\$1,642,266
Gem, lanthanum, glow, and vacuum and vapor lamps	Number	\$14,259,387	\$15,863,698	\$10,512,312
	Value	\$31,624,737	\$34,919,099	\$21,292,941
Decorative and miniature lamps	Number	\$5,068,264	\$2,416,245	\$1,066,163
X-ray bulbs, vacuum tubes, etc.	Number	\$235,567	\$185,870	\$224,885
	Value	\$352,513	\$373,926	\$323,149
Sockets, receptacles, bases, etc.	Number	\$1,041,719	\$908,679	\$595,497
Electric-lighting fixtures of all kinds	Number	\$980,171	\$587,124	
Telegraph apparatus	Number	\$2,674,963	\$932,925	
Telephone apparatus	Number	\$1,003,638	\$395,827	\$1,186,578
Insulated wires and cables	Number	\$61,078	\$5,004,763	\$1,842,133
Electric conduits	Number	\$1,107,858	\$1,006,962	( <sup>1</sup> )
Annunciators—domestic, hotel, and office	Number	\$6,002,343	\$678,077	( <sup>1</sup> )
Electric clocks and time mechanisms	Number	\$5,377,843	\$1,451,337	\$1,129,591
Fuses	Number	\$1,080,287	\$3,525,446	
Lightning arresters	Number			
Rheostats and resistances	Number			
Heating, cooking, and welding apparatus	Number			
Electric filaments	Number			
Electric measuring instruments	Number			
Electrical therapeutic apparatus	Number			
Magneto-ignition apparatus, sparks, coils, etc.	Number			
Electric switches, signals, and attachments	Number			
Current fittings of all kinds	Number			
All other products	Number	\$39,601,708	\$28,978,444	\$17,448,098

<sup>1</sup> Includes value of electrical machinery, apparatus, and supplies made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, as follows: 1909, \$22,626,530; 1904, \$18,742,033; and 1899, \$11,397,430.

<sup>2</sup> Not reported separately.

**Ice, manufactured.**—Table 97 includes the product of all establishments engaged primarily in manufacturing ice for sale, but does not include establishments making ice for their own use. Ice made for sale by establishments engaged chiefly in some other business, such as breweries, is reported in a footnote.

The value of all products of the industry proper increased from \$13,874,513 in 1899 to \$42,953,055 in 1909, or 209.6 per cent. The quantity of ice produced increased at about the same rate, and amounted to 12,647,949 tons in 1909.

Table 97	1909	1904	1899
MATERIALS:			
Ammonia used	\$1,021,913	\$613,138	\$359,549
Compression system—			
Anhydrous			
Foundry	3,097,191	1,944,266	946,666
Cost	\$826,222	\$1,455,524	\$249,838
Absorption system—			
Anhydrous			
Foundry	369,093	136,004	106,866
Cost	\$100,283	\$37,906	\$29,844
Aqua			
Foundry	1,679,698	1,347,561	1,222,454
Cost	\$95,468	\$82,108	\$79,869
PRODUCTS:			
Total value	\$42,953,055	\$23,790,045	\$13,874,513
Ice:			
Tons (2,000 pounds)	12,647,949	7,199,448	4,294,439
Value (2,000 pounds)	\$39,889,263	\$22,450,503	\$13,303,874
Cans			
Tons (2,000 pounds)	11,671,547	6,695,789	4,139,764
Value (2,000 pounds)	\$57,085,533	\$21,020,547	\$12,866,160
Plate			
Tons (2,000 pounds)	976,402	503,659	154,675
Value (2,000 pounds)	\$2,803,730	\$1,429,856	\$440,714
All other products	\$3,063,792	\$1,339,542	\$870,639

<sup>1</sup> Includes 148,373 pounds of aqua ammonia, costing \$8,725.

<sup>2</sup> In addition, in 1909, 1,882,259 tons of ice, valued at \$4,249,720, and in 1904, 814,689 tons, valued at \$1,809,912, were produced by establishments engaged primarily in the manufacture of products other than ice.

<sup>3</sup> Includes, for purposes of comparison, products valued at \$93,535, not included in the general tables for this industry at census of 1900.

**Lumber and timber products.**—Beginning with 1906 an annual canvass of forest products has been made by the Bureau of the Census in cooperation with the Forest Service of the Department of Agriculture. The statistics for the year 1909 given in the following table are compiled from this annual report; those for 1904 and 1899 are from the regular census reports.

The totals for 1909 include statistics for some small neighborhood mills sawing chiefly or exclusively for local consumption, also a relatively small number of establishments using logs or bolts as material and engaged primarily in the manufacture of products other than those covered by the classified lumber and timber products industry, which classes are not represented in the totals for the other two years. Detailed statistics for the lumber and other forest-products industries will be found in the several annual reports published by the Bureau of the Census. The figures given in Table 98 can not be compared with those given in Table 110 because in the latter table the statistics cover not only the products of the sawmills, shingle and lath mills, but also the products of planing mills operated independently of sawmills, logging camps, veneer mills, and box factories.

Table 98	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$724,705,700</b>	<b>\$463,153,662</b>	<b>\$414,058,487</b>
Lumber:	Total quantity (M feet, board measure).....	44,509,761	34,135,139	1,35,084,166
	Total value.....	\$684,479,859	\$485,708,084	\$390,489,873
	<b>Softwood—</b>			
	Quantity.....	33,896,969	27,333,312	26,133,063
	Value.....	\$477,345,746	\$319,833,749	\$368,481,112
	Yellow pine—			
	Quantity.....	16,277,183	11,521,781	9,658,548
	Value.....	\$206,255,297	\$114,730,600	\$81,740,300
	Western pine—			
	Quantity.....	1,499,985	1,290,326	944,560
	Value.....	\$25,077,854	\$14,596,149	\$19,153,256
	White pine—			
	Quantity.....	3,900,034	5,332,704	7,742,391
	Value.....	\$70,839,131	\$79,594,717	\$98,002,555
	Douglas fir—			
	Quantity.....	4,856,378	2,928,469	1,736,507
	Value.....	\$69,445,793	\$27,862,225	\$15,650,638
	Hemlock—			
	Quantity.....	3,051,399	3,268,787	3,420,673
	Value.....	\$42,580,900	\$38,338,154	\$34,136,892
	Spruce—			
	Quantity.....	1,748,547	1,303,886	1,448,091
	Value.....	\$29,551,315	\$18,283,377	\$16,322,066
	Cypress—			
	Quantity.....	955,635	749,292	495,838
	Value.....	\$19,549,741	\$13,115,339	\$6,494,495
	Redwood—			
	Quantity.....	521,630	519,267	360,167
	Value.....	\$7,720,124	\$6,661,499	\$3,645,638
	Cedar—			
	Quantity.....	346,048	223,025	232,978
	Value.....	\$6,901,948	\$3,204,331	\$2,542,818
	All other—			
	Quantity.....	740,158	215,325	113,312
	Value.....	\$10,182,943	\$2,896,492	\$1,271,884
	<b>Hardwoods—</b>			
	Quantity.....	10,612,802	6,781,827	8,634,021
	Value.....	\$307,134,813	\$115,872,338	\$116,817,192
	Oak—			
	Quantity.....	4,414,457	2,902,855	4,428,627
	Value.....	\$90,512,069	\$50,832,303	\$61,174,129
	Maple—			
	Quantity.....	1,106,604	597,528	623,466
	Value.....	\$17,447,814	\$8,780,727	\$7,495,052
	Red gum—			
	Quantity.....	706,945	523,990	285,417
	Value.....	\$9,334,258	\$5,635,555	\$2,747,680
	Chestnut—			
	Quantity.....	663,891	243,337	296,688
	Value.....	\$10,708,130	\$3,356,054	\$2,704,089
	Birch—			
	Quantity.....	452,730	224,009	132,601
	Value.....	\$7,666,186	\$3,459,501	\$1,657,621
	Basswood—			
	Quantity.....	399,151	228,041	308,090
	Value.....	\$7,781,503	\$3,845,885	\$3,954,625
	Elm—			
	Quantity.....	347,456	258,330	456,731
	Value.....	\$6,088,098	\$3,792,609	\$5,240,530
	Cottonwood—			
	Quantity.....	265,600	321,574	415,124
	Value.....	\$4,794,424	\$4,797,779	\$4,303,544
	Ash—			
	Quantity.....	291,299	169,178	269,120
	Value.....	\$7,116,089	\$3,174,861	\$4,263,599
	Hickory—			
	Quantity.....	333,929	106,824	96,636
	Value.....	\$10,283,776	\$2,557,601	\$1,814,500
	Walnut—			
	Quantity.....	46,108	31,455	38,681
	Value.....	\$1,972,835	\$1,435,509	\$1,411,611
	Sycamore—			
	Quantity.....	56,311	18,092	29,715
	Value.....	\$834,612	\$286,856	\$327,933
	All other—			
	Quantity.....	1,528,571	1,166,474	1,323,746
	Value.....	\$32,599,949	\$23,969,098	\$19,662,279
	Lath:			
	Quantity (thousands).....	3,708,195	2,647,847	2,323,968
	Value.....	\$9,963,439	\$5,435,968	\$4,698,909
	Shingles:			
	Quantity (thousands).....	14,907,371	14,547,477	12,102,017
	Value.....	\$30,262,492	\$24,009,610	\$18,839,705

<sup>1</sup> Includes 297,692 M feet of lumber, board measure, valued at \$5,191,569, reported as "other sawed products," and not by kinds of wood.

**Pianos and organs and materials.**—Table 99 includes the statistics for pianos and organs, and materials therefor, but does not include the products of establishments engaged primarily in the manufacture of other musical instruments. The value of all products increased from \$41,024,244 in 1899 to \$89,789,544 in 1909, or 118.9 per cent, the increase being almost

wholly in the value of pianos and player attachments for pianos. A marked feature is the gain in the number of pianos with player attachments manufactured, the output of which increased during the period 1904 to 1909 from 1,868 to 34,495, or seventeen fold. A large decrease occurred between 1904 and 1909 in the number of reed organs made.

Table 99	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$89,789,544</b>	<b>\$46,092,630</b>	<b>\$41,024,244</b>
Pianos:	Number.....	374,154	261,197	171,011
	Value.....	\$59,501,225	\$41,475,479	\$27,002,852
Upright—	Number.....	305,413	205,265	166,760
	Value.....	\$55,462,556	\$37,815,036	\$25,301,432
Without player attachment—	Number.....	300,418	251,687	166,536
	Value.....	\$46,187,555	\$37,339,674	\$25,256,467
For or with player attachment—	Number.....	34,495	1,868	224
	Value.....	\$9,273,001	\$417,382	\$44,745
Grand—	Number.....	8,741	7,372	4,251
	Value.....	\$4,038,669	\$3,061,423	\$1,701,420
Player attachments made separate from pianos:	Number.....	10,895	20,301	6,158
	Value.....	\$1,474,530	\$2,004,206	\$607,873
Organs:	Number.....	66,335	113,966	107,268
	Value.....	\$5,309,016	\$6,152,002	\$5,217,361
Pipe—	Number.....	1,224	901	564
	Value.....	\$2,715,587	\$1,989,979	\$1,177,021
Reed—	Number.....	64,111	113,065	106,694
	Value.....	\$2,593,429	\$4,162,023	\$4,040,240
Parts and materials.....		\$20,417,792	\$12,626,892	\$11,011,167
All other products.....		\$3,068,911	\$5,852,961	\$8,196,258

<sup>1</sup> In addition, in 1909, parts and materials to the value of \$60,188; in 1904, 1,695 organs, valued at \$149,114; and in 1899, 250 pianos, valued at \$37,610; and 1,144 organs, valued at \$29,556, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>2</sup> Includes a few pianos with player attachments.

**Paper and wood pulp.**—Table 100 includes statistics for all establishments engaged in the manufacture of wood pulp and in the manufacture of paper, either separately or in conjunction. The total production of wood pulp in 1909 was 2,495,523 tons; in 1904, 1,921,768 tons; and in 1899, 1,179,535 tons. The percentage of increase for the decade was 111.6. Sulphite fiber shows the highest rate of increase, 144.6 per cent. An increasing proportion of the wood pulp is made by establishments which themselves consume it in making paper; in 1909, 63.5 per cent was so consumed by the establishments making it.

The value of all products, which includes some duplication, increased from \$127,326,162 in 1899 to \$267,656,964 in 1909, or 110.2 per cent. The output of paper products increased from 2,167,593 tons in 1899 to 4,216,708 tons in 1909, or 94.5 per cent, and their value from \$107,909,046 to \$232,741,049, or 115.7 per cent. Paper stock used for which quantities are reported aggregated 4,588,160 tons in 1909, of which wood pulp formed 61.6 per cent; old and waste paper, 21.4 per cent; rags, 7.8 per cent; straw, 6.6 per cent; and manila stock, 2.6 per cent. The ton of 2,000 pounds is used for showing quantities.

Table 100	1909	1904	1899		1909	1904	1899
<b>MATERIALS.</b>				<b>PRODUCTS—continued.</b>			
<b>Total cost</b> .....	<b>\$165,442,341</b>	<b>\$111,251,478</b>	<b>\$70,530,236</b>	Wrapping paper—Continued.			
Pulp wood.....	\$3,772,475	\$20,800,871	\$9,837,516	Bogus or wood marla, all grades—			
Wood pulp, purchased:				Tons.....	367,932	228,371	203,826
Tons.....	1,241,914	877,702	644,006	Value.....	\$19,777,707	\$10,099,772	\$9,148,677
Cost.....	\$4,861,357	\$27,633,164	\$18,309,464	All other—			
Ground—				Tons.....	179,855	177,870	67,338
Tons.....	432,849	317,286	261,962	Value.....	\$10,202,635	\$8,774,804	\$3,293,174
Cost.....	\$9,487,508	\$5,754,259	\$4,361,211	Boards:			
Soda fiber—				Wood pulp—			
Tons.....	154,626	120,978	94,042	Tons.....	71,036	60,863	44,187
Cost.....	\$6,862,864	\$3,047,105	\$3,430,809	Value.....	\$2,639,496	\$2,347,250	\$1,406,136
Sulphite fiber—				Straw—			
Tons.....	626,029	433,100	273,194	Tons.....	171,780	167,278	157,534
Cost.....	\$27,184,726	\$16,567,122	\$10,112,189	Value.....	\$3,750,851	\$4,367,540	\$3,187,342
Other chemical fiber—				News—			
Tons.....	8,410	6,278	14,808	Tons.....	38,560	38,560	32,119
Cost.....	\$326,259	\$294,562	\$465,235	Value.....	\$2,215,469	\$1,174,216	\$930,531
Rags, including cotton and flax				All other—			
waste and sweepings:				Tons.....	514,208	253,950	131,777
Tons.....	357,470	294,562	234,514	Value.....	\$17,539,768	\$9,070,531	\$4,829,316
Cost.....	\$10,721,559	\$8,894,607	\$6,565,427	Other paper products:			
Old and waste paper:				Tissues—			
Tons.....	983,882	588,548	356,193	Tons.....	77,545	43,925	28,406
Cost.....	\$13,611,120	\$7,430,335	\$4,869,699	Value.....	\$8,753,684	\$5,056,438	\$3,486,632
Manila stock, including jute bagging,				Bottling—			
ropes, waste, threads, etc.:				Tons.....	9,577	8,702	4,381
Tons.....	117,080	107,029	99,301	Value.....	\$1,186,180	\$1,046,790	\$580,730
Cost.....	\$3,560,633	\$2,502,332	\$2,437,256	Building, roofing, asbestos, and			
Straw—				sheathing—			
Tons.....	303,137	304,585	367,305	Tons.....	225,824	145,024	96,915
Cost.....	\$1,409,282	\$1,502,886	\$1,365,659	Value.....	\$9,261,368	\$4,843,628	\$3,025,967
All other materials.....	\$58,375,515	\$42,517,283	\$27,025,505	Hanging—			
<b>PRODUCTS.</b>				Tons.....	92,158	62,606	54,330
<b>Total value</b> .....	<b>\$267,656,964</b>	<b>\$168,715,189</b>	<b>\$127,326,162</b>	Value.....	\$4,431,514	\$3,013,464	\$2,265,345
News paper:				Miscellaneous—			
In rolls for printing—				Tons.....	96,577	106,296	49,101
Tons.....	1,091,611	840,802	454,572	Value.....	\$6,809,169	\$6,729,820	\$2,795,841
Value.....	\$42,807,064	\$32,763,308	\$15,754,992	Wood pulp made for sale or for con-			
In sheets for printing—				sumption in mills other than where			
Tons.....	54,537	72,620	114,640	produced:			
Value.....	\$4,048,496	\$3,143,132	\$4,326,882	Ground—			
Book paper:				Tons.....	310,747	273,400	280,052
Tons.....	575,616	434,500	282,093	Value.....	\$5,649,466	\$4,323,495	\$4,433,699
Value.....	\$42,846,674	\$31,156,728	\$19,466,804	Soda fiber—			
Coated—				Tons.....	155,844	130,366	99,014
Tons.....	95,213	(?)	(?)	Value.....	\$6,572,152	\$5,159,615	\$3,612,662
Value.....	\$9,413,961	(?)	(?)	Sulphite fiber—			
Plate, lithograph, map, wood-				Tons.....	444,235	376,940	271,585
cut, etc.—				Value.....	\$17,953,748	\$13,661,464	\$10,451,400
Tons.....	6,498	19,837	22,366	All other products.....	\$4,738,549	\$1,924,195	\$919,415
Value.....	\$55,332	\$1,458,043	\$2,018,958	Wood pulp.			
Cover—				Quantity produced (including that			
Tons.....	17,578	22,150	18,749	used in mills where manufac-			
Value.....	\$1,962,858	\$2,023,986	\$1,665,376	tured), total tons.....	2,495,523	1,921,768	1,179,538
Cardboard, Bristol board, card mid-				Ground, tons.....	1,179,266	968,979	585,374
dies, tickets, etc.—				Soda fiber, tons.....	288,626	196,770	177,124
Tons.....	51,449	39,060	28,494	Sulphite fiber, tons.....	1,617,631	766,022	416,037
Value.....	\$3,332,151	\$2,764,444	\$1,719,813	<b>EQUIPMENT.</b>			
Fine paper:				Paper machines:			
Writing—				Total number.....	1,460	1,369	1,232
Tons.....	169,125	131,034	90,204	Capacity, yearly, tons.....	5,293,397	3,857,903	2,782,219
Value.....	\$24,956,162	\$19,321,045	\$12,222,870	Fourdriner—			
All other—				Number.....	804	752	663
Tons.....	29,088	14,808	22,503	Capacity per 24 hours, tons.....	10,508	8,569	(?) 663
Value.....	\$4,110,536	\$2,928,125	\$3,673,104	Cylinder—			
Wrapping paper:				Number.....	676	617	569
Manila (rope, jute, tag, etc.)—				Capacity per 24 hours, tons.....	6,316	4,740	(?) 569
Tons.....	73,731	86,826	89,419	Paip:			
Value.....	\$6,989,436	\$6,136,080	\$5,929,764	Grinders, number.....	1,435	1,362	1,168
Heavy (mill wrappers, etc.)—				Digesters, total number.....	542	517	426
Tons.....	108,567	96,922	82,875	Sulphite fiber, number.....	348	309	(?) 310
Value.....	\$4,380,794	\$4,035,588	\$4,143,240	Soda fiber, number.....	194	208	(?) 208
Straw—				Capacity, yearly, tons of pulp.....	3,405,621	2,644,773	1,536,423
Tons.....	32,998	54,232	61,794	Ground, tons.....	1,809,685	1,515,988	(?) 1,515,988
Value.....	\$870,719	\$1,389,348	\$2,027,518	Sulphite, tons.....	1,289,983	885,692	(?) 885,692
				Soda, tons.....	344,953	244,573	(?) 244,573

<sup>1</sup> In addition, paper and wood pulp to the value of \$2,567,267 was made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. <sup>2</sup> Not reported separately. <sup>3</sup> Not reported.

**Phonographs and graphophones.**—The following table gives comparative statistics for the manufacture of phonographs and graphophones. The value of all products increased from \$2,246,274 in 1899 to \$11,725,996 in 1909, or over fivefold, the bulk of the increase being in the first half of the decade. An important feature of the industry is the manufacture of records and blanks, the value of which formed 42.7 per cent of the total value of products in 1909, 45.7 per cent in 1904, and 24 per cent in 1899.

Table 101	PRODUCT.	1909	1904	1899
<b>Total value</b> .....				
<b>Phonographs and graphophones:</b>		<b>\$11,725,996</b>	<b>\$10,237,075</b>	<b>\$2,246,274</b>
Number.....	344,681	(?)	(?)	(?)
Value.....	\$5,406,684	\$2,966,343	\$1,240,503	
<b>Records and blanks:</b>				
Number.....	27,183,959	(?)	(?)	
Value.....	\$5,007,104	\$4,678,547	\$339,370	
All other products.....	\$1,312,208	\$2,592,185	\$466,401	

<sup>1</sup> In addition, records and parts to the value of \$31,889 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. <sup>2</sup> Not reported.

**Printing and publishing.**—The statistics for printing and publishing given in the following table include book and job printing and publishing; the printing and publishing of music; newspapers and periodicals; bookbinding and blank-book making; engraving, including plate printing; and lithographing.

Under the head of job printing is included the job printing done by newspaper, periodical, and other establishments, as well as that of regular job-printing establishments. The value of products reported for the bookbinding and blank-book industry includes the value of all products of concerns engaged primarily in these branches, as well as the value of bookbinding and blank books reported by printing and publishing establishments. In like manner there is included under electrotyping, engraving, and lithographing the value of all products of establishments engaged primarily in these branches.

The value of all products was \$737,876,087 in 1909,

\$552,473,353 in 1904, and \$395,186,629 in 1899, the rate of increase for the period 1899–1909 being 86.7 per cent. The income of newspapers and periodicals from subscriptions, sales, and advertising was \$337,596,288 in 1909, as compared with \$175,789,610 in 1899, the rate of increase for the decade being 92 per cent. Of the total income from these sources, that from advertising formed 60 per cent in 1909 and 54.5 per cent in 1899, having increased much faster than that from subscriptions and sales.

Newspapers and periodicals increased in number from 18,793 in 1899 to 22,141 in 1909, or 17.8 per cent, and their aggregate circulation increased 53.9 per cent. The average circulation per issue was 7,428 in 1909, as compared with 6,866 in 1904 and 5,688 in 1899. The greatest relative increases in circulation during the decade were reported for dailies and monthlies. In the circulation of the latter, however, there was a decrease between 1904 and 1909.

Table 102	PRODUCT.	1909	1904	1899	PRODUCT.	1909	1904	1899
	<b>Total value</b> .....	<b>\$737,876,087</b>	<b>\$552,473,353</b>	<b>\$395,186,629</b>				
<b>Publications</b> .....					<b>NEWSPAPERS AND PERIODICALS—</b>			
Newspapers and periodicals.....	\$337,596,288	\$256,816,282	\$175,789,610	continued.				
Subscriptions and sales.....	\$135,093,043	\$111,298,691	\$79,928,483	<i>By character—Continued.</i>				
Advertising.....	\$302,533,245	\$145,517,591	\$95,861,127	Commerce, finance, insurance,				
Newspapers.....	\$232,993,094	( <sup>1</sup> )	( <sup>1</sup> )	railroads, etc.—				
Subscriptions and sales.....	\$84,438,702	( <sup>1</sup> )	( <sup>1</sup> )	Number.....	1,411,738	2,470,832	( <sup>1</sup> )	190
Advertising.....	\$148,554,392	( <sup>1</sup> )	( <sup>1</sup> )	Aggregate circulation.....	683	627,629	( <sup>1</sup> )	520
Periodicals.....	\$104,063,194	( <sup>1</sup> )	( <sup>1</sup> )	Trade journals generally—				
Subscriptions and sales.....	\$30,624,341	( <sup>1</sup> )	( <sup>1</sup> )	Number.....	3,572,441	3,628,990	( <sup>1</sup> )	
Advertising.....	\$73,438,853	( <sup>1</sup> )	( <sup>1</sup> )	General literature, including				
Ready prints, patent insides and				monthly and quarterly maga-				
outsides.....	\$2,293,077	( <sup>1</sup> )	( <sup>1</sup> )	zines—				
Books and pamphlets—				Number.....	340	328	( <sup>1</sup> )	239
Published, or printed and	\$02,930,394	\$33,312,492		Aggregate circulation.....	31,322,033	30,615,577	( <sup>1</sup> )	
published.....				Medicine and surgery.....				
Printed for publication by	\$10,209,309	( <sup>1</sup> )	( <sup>1</sup> )	Number.....	107	192	( <sup>1</sup> )	111
others.....				Aggregate circulation.....	931,864	1,054,948	( <sup>1</sup> )	
Sheet music and books of music—				Law.....				
Published, or printed and	\$5,510,698	\$4,673,685	\$219,397,019	Number.....	56	81	( <sup>1</sup> )	62
published.....				Aggregate circulation.....	151,346	194,035	( <sup>1</sup> )	
Printed for publication by	\$1,000,966	( <sup>1</sup> )	( <sup>1</sup> )	Science and mechanics—				
others.....				Number.....	139	83	( <sup>1</sup> )	66
Products for sale and in execution				Aggregate circulation.....	1,421,955	325,523	( <sup>1</sup> )	
of orders.....				Fraternals organizations.....				
Job printing.....	\$37,940,227	\$19,202,070		Number.....	419	450	( <sup>1</sup> )	200
Book binding and blank books ..	\$30,352,808	> 40,788,708		Aggregate circulation.....	6,982,238	5,336,427	( <sup>1</sup> )	
Electrotyping, engraving, and	\$47,956,979	\$35,018,234		Education and history—				
lithographing.....	\$11,885,141	\$12,601,822		Number.....	202	173	( <sup>1</sup> )	120
All other products.....				Aggregate circulation.....	1,879,383	2,119,797	( <sup>1</sup> )	
				Society art, music, exhibitions, etc.—				
				Number.....	164	153	( <sup>1</sup> )	88
				Aggregate circulation.....	13,445,601	15,289,431	( <sup>1</sup> )	
				Colleges and school periodicals—				
				Number.....	271	178	( <sup>1</sup> )	139
				Aggregate circulation.....	330,705	248,240	( <sup>1</sup> )	
				Miscellaneous—				
				Number.....	139	538	( <sup>1</sup> )	293
				Aggregate circulation.....	1,087,307	4,850,518	( <sup>1</sup> )	
				<i>By language:</i>				
				English.....	20,744	20,599	( <sup>1</sup> )	17,761
				Aggregate circulation.....	155,432,243	142,441,068	( <sup>1</sup> )	
				Foreign (including foreign and				
				English)—				
				Number.....	1,397	1,249	( <sup>1</sup> )	1,032
				Aggregate circulation.....	9,030,797	7,568,655	( <sup>1</sup> )	
				French.....				
				Number.....	39	46	( <sup>1</sup> )	31
				Aggregate circulation.....	446,739	252,135	( <sup>1</sup> )	
				German.....				
				Number.....	692	700	( <sup>1</sup> )	633
				Aggregate circulation.....	4,434,146	3,922,227	( <sup>1</sup> )	
				Italian.....				
				Number.....	474	63	( <sup>1</sup> )	35
				Aggregate circulation.....	500,475	319,456	( <sup>1</sup> )	
				Scandinavian—				
				Number.....	161	162	( <sup>1</sup> )	115
				Aggregate circulation.....	1,118,601	1,149,019	( <sup>1</sup> )	
				Letto Slavic—				
				Number.....	169	128	( <sup>1</sup> )	75
				Aggregate circulation.....	917,649	695,987	( <sup>1</sup> )	
				All other—				
				Number.....	52	150	( <sup>1</sup> )	143
				Aggregate circulation.....	1,613,187	1,319,237	( <sup>1</sup> )	

<sup>1</sup> Not reported separately.<sup>2</sup> Included with circulation of dailies.<sup>3</sup> Not reported.

The statistics in regard to the number of books and pamphlets published in 1909, classified by character, are given below. Comparative statistics for earlier censuses are not available.

Table 103	BOOKS AND PAMPHLETS.	Titles or editions.	Volumes.	Copies.
<b>Total number published . . . . .</b>				
		<b>46,799</b>	<b>54,820</b>	<b>161,361,844</b>
Biography, correspondence . . . . .	554	616	657,464	
Description, geography, travel . . . . .	847	923	4,040,647	
Domestic and rural . . . . .	330	338	2,023,133	
Education . . . . .	10,350	15,159	41,636,847	
Fiction . . . . .	14,896	15,772	46,345,399	
Fine arts, illustrated gift books . . . . .	541	587	2,849,371	
History . . . . .	613	954	2,923,187	
Humor and satire . . . . .	308	311	885,362	
Juvenile . . . . .	4,167	4,202	10,184,030	
Law . . . . .	535	562	1,496,194	
Literature and collected works . . . . .	2,047	3,841	5,037,372	
Medical, hygiene . . . . .	681	738	1,519,480	
Philosophy . . . . .	222	252	265,071	
Physical and mathematical science . . . . .	291	307	336,413	
Poetry and the drama . . . . .	1,387	1,574	1,980,824	
Political and social science . . . . .	638	689	1,872,459	
Scientific and similar associations . . . . .	1,682	1,141	1,258,562	
Sports and amusements . . . . .	412	423	2,450,074	
Theology and religion . . . . .	5,696	6,529	23,698,230	
Useful arts . . . . .	512	538	1,104,599	
Works of reference . . . . .	1,560	1,927	7,799,590	

Shipbuilding, including boat building.—The following table shows the value of work done on the different classes of water craft during the several census years, not including that done in Government establishments, and also the value of repair work and all other products of the shipbuilding industry. The total value of products was lower in 1909 than in 1904 or 1899.

Table 104	PRODUCT.	1909	1904	1899
<b>Total value . . . . .</b>				
		<b>\$73,360,315</b>	<b>\$82,769,239</b>	<b>\$74,532,277</b>
Work done during the year on vessels and boats . . . . .	42,310,925	56,121,227	57,719,308	
Vessels of 5 gross tons and over . . . . .	37,718,618	53,119,935	35,750,473	
Boats of less than 5 gross tons . . . . .	4,592,307	3,001,292	1,968,835	
Steam . . . . .	20,800			
Motor, gasoline, electric, and other . . . . .	3,155,375	1,879,288	1,659,365	
Sailboats, row boats, canoes, scows, etc. . . . .	1,416,732	1,122,604	999,470	
Repair work . . . . .	26,678,643	22,829,040	23,134,436	
All other products . . . . .	4,370,747	3,818,972	13,678,533	

<sup>1</sup> Not including work done in Government shipyards, valued in 1909 at \$25,872,033; in 1904, at \$17,285,469; and in 1899, at \$11,022,312.

<sup>2</sup> In addition, the following items were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation: Work done on vessels of 5 tons and over, launched, \$418,905; vessels building but not launched, \$30,184; boats of under 5 tons, \$145,155; and other boat products and repairs, \$182,462; or a total of \$776,706.

<sup>3</sup> In addition, the following items were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation: Work done on vessels of 5 tons and over, launched, \$468,018; boats of under 5 tons, \$147,642; and other boat products and repairs, \$46,782; or a total of \$662,342.

The value of the products of governmental shipyards in 1909 was \$25,872,033; in 1904, \$17,265,469; and in 1899, \$11,022,312. Thus the total value of products reported for all establishments, governmental and private, was \$99,232,348 in 1909, \$100,034,708 in 1904, and \$85,554,589 in 1899. The increase of \$13,677,759, or 16 per cent, shown for the period 1899—1909, was due entirely to work of governmental establishments.

The following table shows the number of vessels of each class launched during the census years 1909, 1904, and 1899. These figures are not strictly comparable with those giving values presented in the preceding table, since the former cover all work done during the year, both on vessels launched during the year and on those not yet launched at its close. The number of vessels of nearly every class was less in 1909 than at the two preceding censuses, but the number of boats increased greatly, the number made by all establishments aggregating 8,577, of which number 97.3 per cent were gasoline motor boats.

Table 105	CLASS OF VESSELS.	1909	1904	1899
<b>Vessels of 5 gross tons and over launched during the year.</b>				
Number . . . . .		2 1,584	2 2,114	2 2,081
Gross tons . . . . .		467,219	504,020	687,159
Net tons . . . . .		381,198	424,704	547,324
<b>Steel vessels—</b>				
Number . . . . .		158	155	134
Gross tons . . . . .		254,386	154,314	262,516
Net tons . . . . .		193,144	106,826	186,509
<b>Steam—</b>				
Number . . . . .		96	122	123
Gross tons . . . . .		219,617	140,047	237,379
Net tons . . . . .		139,297	95,365	164,313
<b>Motor—</b>				
Number . . . . .		15		
Gross tons . . . . .		2		
Net tons . . . . .		2,078		
<b>Sail, with and without auxiliary—</b>				
Number . . . . .		3	8	6
Gross tons . . . . .		2,046	4,779	21,685
Net tons . . . . .		1,735	4,291	13,348
<b>Unrigged—</b>				
Number . . . . .		44	25	5
Gross tons . . . . .		39,387	9,488	4,602
Net tons . . . . .		30,654	8,870	3,848
<b>Wooden vessels—</b>				
Number . . . . .		1,425	1,569	1,947
Gross tons . . . . .		212,233	349,706	424,643
Net tons . . . . .		188,054	317,882	355,815
<b>Steam—</b>				
Number . . . . .		85	186	396
Gross tons . . . . .		15,016	35,948	48,932
Net tons . . . . .		9,602	23,365	32,845
<b>Motor—</b>				
Number . . . . .		430	307	
Gross tons . . . . .		6,523	1,178	
Net tons . . . . .		5,146	2,333	
<b>Sail, with and without auxiliary—</b>				
Number . . . . .		116	341	642
Gross tons . . . . .		15,413	39,336	59,209
Net tons . . . . .		12,955	30,483	51,772
<b>Unrigged—</b>				
Number . . . . .		795	1,125	909
Gross tons . . . . .		174,881	251,668	316,502
Net tons . . . . .		160,291	241,701	271,198
<b>Boats of less than 5 gross tons, number 4.</b>				
Steam . . . . .		8 8,577	8 3,499	1 687
Motor . . . . .		8 8,569	8 3,499	1 687
Electric . . . . .		12	( )	( )
Other . . . . .		215	( )	( )

<sup>1</sup> Not including vessels launched in Government shipyards as follows: In 1909, 3 steel and 28 wooden vessels, the steel vessels having a total of 539 gross tons and the wooden a total of 1,709 gross tons; and in 1904, 17 steel and 14 wooden vessels, the steel vessels having a total of 23,850 gross tons and the wooden a total of 3,462 gross tons.

<sup>2</sup> In addition, there were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, 8 steel and 14 wooden vessels, the steel vessels having a total of 5,459 gross tons and the wooden a total of 1,106 gross tons.

<sup>3</sup> In addition, there were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, 3 steel and 141 wooden vessels, the steel vessels having a total of 406 gross tons and the wooden a total of 21,919 gross tons.

<sup>4</sup> Not including 53 boats built in Government shipyards in 1909 and 52 in 1904.

<sup>5</sup> In addition, 412 boats were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

<sup>6</sup> Not reported separately.

**Laundries.**—Steam laundries are not generally considered as manufacturing establishments, and therefore statistics for them have been excluded from prior censuses. Since the industry has, however, developed so rapidly, large amounts of capital now being invested, and many wage earners being employed, it should no longer be omitted from the industrial census. The establishments are conducted according to factory methods, and therefore the statistics are associated with those for the manufacturing industries of the Thirteenth Census. They are not included, however, in the general tables or in the totals for manufacturing industries.

During the year 1909 there were in the United States 5,186 laundries operated by the use of mechanical power. The capital reported by these establishments as invested in the industry amounted to \$68,935,000. In addition, such establishments rent a great deal of property, the annual rental paid by laundries for plant and equipment amounting in 1909 to \$2,277,000. The value of the work done was \$104,680,086.

In addition to ascertaining the average number of wage earners employed during the entire year, the census calls for the actual number of wage earners, by sex and age periods, employed on December 15, 1909, or the nearest representative day. On that date there were employed 112,064 wage earners, of whom 31,947, or 28.5 per cent, were men; 79,152, or 70.6 per cent, women; and 965, or 0.9 per cent, children under 16 years of age.

The following statement summarizes the statistics:

Number of establishments.....	5,186
Capital invested.....	\$68,935,000
Cost of materials used.....	\$17,696,000
Salaries and wages, total.....	\$53,007,747
Salaries.....	\$8,180,769
Wages.....	\$44,826,978
Miscellaneous expenses.....	\$14,483,497
Value of products or amount received for work done.....	\$104,680,086

**Employees:**

Number of salaried officials and clerks.....	9,170
Average number of wage earners employed during the year.....	109,484
Actual number of wage earners employed on Dec. 15, 1909, or nearest representative day.....	112,064
Men 16 years and over.....	31,947
Women 16 years and over.....	79,152
Children under 16 years—	
Male.....	274
Female.....	691
Primary power used, horsepower.....	123,477

The number of wage earners employed each month and the per cent which this number represented of the greatest number employed in laundries in any month were as follows:

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	103,746	90.6	July.....	114,211	99.7
February.....	103,957	90.7	August.....	114,539	100.0
March.....	104,970	91.6	September.....	113,738	99.3
April.....	106,422	92.9	October.....	111,500	97.5
May.....	108,149	94.4	November.....	110,479	96.5
June.....	111,313	97.2	December.....	110,805	96.7

The different kinds of primary power, the number of engines, and the horsepower used in laundries during 1909 are shown in the following tabular statement:

KIND.	Number of engines or motors.	Horsepower.
<b>Primary power, total.....</b>		<b>123,477</b>
Owned.....	4,527	106,879
Steam.....	4,119	105,722
Gas.....	379	4,073
Water wheels.....	18	456
Water motors.....	11	69
Rented.....	2,401	13,607
Electric.....		11,157
Other.....		2,450

The kind and amount of fuel used in laundries are shown in the following statement:

KIND.	Unit.	Quantity.
Anthracite coal.....	Tons (2,200 lbs.)	178,640
Bituminous coal.....	Tons (2,000 lbs.)	886,754
Coke.....	Tons (2,000 lbs.)	14,785
Wood.....	Cords	94,723
Oil.....	Barrels	372,886
Gas.....	1,000 feet	2,729,324

**Small custom sawmills and gristmills.**—Statistics for small custom sawmills and gristmills are not included in the general tables or in the totals for manufacturing industries, but are presented in the following summary. The cost of materials and value of products for gristmills include an estimate of the grain ground, but it was impossible to estimate the value of the lumber sawed in the custom sawmills.

	Small custom sawmills.	Small custom gristmills.
Number of establishments.....	4,133	11,961
Persons engaged in industry.....	12,836	22,596
Proprietors and firm members.....	5,702	15,435
Salaried employees.....	44	147
Wage earners (average number).....	7,090	7,014
Primary horsepower.....	93,280	272,763
Capital.....	\$5,655,145	\$31,238,510
Expenses.....	2,160,271	48,119,565
Services.....	1,696,132	1,136,540
Materials.....	97,574	146,314,868
Miscellaneous.....	366,565	609,157
Value of products.....	4,315,381	755,115,553

<sup>1</sup> Includes estimated value of all grain ground.

<sup>2</sup> Includes estimate of value of products from all grain ground. In addition, custom ground products, valued at \$1,170,751, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899.

NOTES.—The figures for some industries do not represent the total production, because important establishments that manufacture the same class of products may be included in other industries. (See Introduction.)

Primary horsepower includes power generated in manufacturing establishments plus electric and other power rented from outside sources; it does not include electric power generated by primary units of the establishments reporting.

In the statistics of power for 1899 there is a difference of 154,725 horsepower between the total and the sum of the figures for the various industries. This is due to the impossibility of making correct revision of the figures for each industry for comparison with 1904 and 1909.

[A minus sign (-) denotes decrease.]

INDUSTRY.	Cens.	PERSONS ENGAGED IN INDUSTRY.										Primary horsepower.	Value added by manufacture (Value of products less cost of materials).					PER CENT OF INCREASE.	
		Number of establishments.	Total.	Engaged in factories and firms.		Wage earners (average number).	Capital.	Wages.	Cost of materials.				Value of products.	Wage earners (average number).	Value of products.				
				Proprietors and firm members.	Salaried employees.				Expressed in thousands.	Expressed in thousands.	Expressed in thousands.								
<b>All industries.....</b>	<b>1909</b>	<b>288,491</b>	<b>7,678,578</b>	<b>273,283</b>	<b>790,257</b>	<b>6,915,948</b>	<b>18,675,376</b>	<b>18,428,270</b>	<b>\$938,370</b>	<b>\$3,477,038</b>	<b>\$11,142,713</b>	<b>\$20,674,082</b>	<b>\$8,359,281</b>	<b>21.0</b>	<b>38.7</b>				
	<b>1904</b>	<b>216,880</b>	<b>5,558,569</b>	<b>225,613</b>	<b>618,556</b>	<b>5,449,949</b>	<b>13,447,177</b>	<b>12,875,581</b>	<b>\$743,837</b>	<b>\$2,614,445</b>	<b>\$8,500,203</b>	<b>\$16,293,905</b>	<b>6,293,685</b>	<b>14.0</b>	<b>23.5</b>				
	<b>1899</b>	<b>207,514</b>	<b>3,417,283</b>	<b>384,120</b>	<b>4,712,783</b>	<b>10,697,583</b>	<b>10,697,583</b>	<b>8,975,256</b>	<b>\$30,771</b>	<b>\$2,003,361</b>	<b>\$11,406,527</b>	<b>\$4,831,076</b>							
<b>Agricultural implements.</b>	1909	640	60,229	465	9,213	50,551	100,601	256,281	10,140	28,609	60,30*	146,329	86,022	6.7	30.6				
	1904	648	55,059	496	7,199	47,334	89,738	196,741	7,573	25,003	48,281	112,007	63,726	1.7	10.7				
	1899	715	46,882	700	10,046	46,882	70,646	147,708	8,263	18,265	101,807	57,200							
<b>Artificial flowers and leathers and plumes.</b>	1909	412	11,583	520	1,047	10,476	334	3,693	1,160	5,733	13,627	23,951	156,350	35.0	337.0				
	1904	213	4,913	289	281	4,343	184	2,958	222	2,367	2,014	5,247	3,223	-18.5					
	1899	224	223	285	5,331	113	3,653	291	1,561	2,763	6,293	3,330							
<b>Artificial stone.</b>	1909	3,439	15,202	4,208	1,037	9,957	12,185	16,010	783	5,342	7,043	18,996	11,553	297.3	350.5				
	1904	477	3,417	5,311	340	2,506	2,776	3,316	201	1,403	1,430	4,128	2,698						
<b>Artists' materials.</b>	1909	46	865	25	182	658	1,628	1,730	202	307	1,350	2,340	980	140.1	165.4				
	1904	28	372	30	68	274	568	876	62	137	687	1,139	452	37.0	129.2				
	1899	21	212	32	200	289	289	377	38	79	249	497	248						
<b>Automobiles, including bodies and parts.</b>	1909	743	85,369	405	9,233	75,721	75,550	178,377	9,479	48,994	131,646	249,202	117,556	528.4	729.7				
	1904	178	15,333	613	1,181	12,049	10,107	23,084	1,257	7,159	15,151	30,034	2,883	43.7	52.6				
	1899	57	2,222	268	2,242	2,242	2,242	5,769	295	1,321	1,804	4,748	2,944						
<b>Awnings, tents, and sails.</b>	1909	621	5,747	648	857	4,241	2,022	7,865	809	2,188	8,377	14,499	6,122	23.6	28.7				
	1904	390	4,406	442	532	3,432	1,105	4,793	507	1,757	6,670	11,209	4,599	2.9	23.2				
	1899	340	3,940	416	3,335	921	3,337	3,325	1,569	5,228	9,144	3,916							
<b>Axle grease.</b>	1909	38	334	13	145	176	492	938	155	88	828	1,481	653	47.9	68.5				
	1904	25	196	22	55	119	210	605	55	62	368	879	511	-6.3	22.4				
	1899	20	85	17	85	17	85	377	33	55	290	718	338						
<b>Babbitt metal and solder.</b>	1909	109	1,491	66	328	897	2,293	7,418	739	331	16,270	19,768	3,498	57.6	59.9				
	1904	75	882	79	243	619	1,138	4,129	338	100	10,864	15,100	2,256	8.4	42.5				
	1899	51	445	145	535	999	3,116	1,172	295	7,998	9,191	1,193							
<b>Bags, other than paper.</b>	1909	109	8,838	72	798	7,968	6,855	24,623	1,968	2,942	46,964	54,882	8,518	39.3	45.7				
	1904	79	6,308	54	532	5,722	4,322	12,387	602	1,829	30,758	37,399	6,641	45.9	90.3				
	1899	73	73	336	3,922	1,755	7,418	379	1,102	16,439	19,652	3,213							
<b>Bags, paper.</b>	1909	74	3,683	42	429	3,212	3,885	10,750	714	3,106	10,355	15,698	5,343	29.9	55.6				
	1904	62	2,886	53	360	2,473	2,927	11,441	405	930	6,595	10,087	3,492	24.3	48.4				
	1899	63	2,886	340	1,889	2,148	6,917	369	628	4,499	6,799	2,300							
<b>Baking powders and yeast.</b>	1909	144	3,531	110	1,266	2,155	3,335	33,647	1,710	1,046	9,238	20,775	11,437	-12.0	3.1				
	1904	164	3,355	150	756	2,449	2,965	13,253	899	1,042	8,940	19,043	10,103	29.4	30.7				
	1899	191	456	749	1,908	2,446	8,338	835	717	7,127	14,568	7,441							
<b>Baskets, and rattan and willow ware.</b>	1909	456	5,419	476	279	4,664	7,196	4,199	244	7,427	2,335	5,095	3,360	-8.7	9.8				
	1904	486	5,867	525	286	5,106	6,252	3,600	230	1,731	1,803	5,187	3,384	21.1	42.7				
	1899	454	454	182	4,217	5,997	2,844	140	1,213	1,335	3,636	2,301							
<b>Beet sugar.</b>	1909	58	8,389	1	1,184	7,204	37,292	129,629	1,769	4,808	27,265	48,122	20,857	81.8	97.3				
	1904	51	7,736	1	783	6,953	35,496	105,628	1,985	4,437	14,085	23,478	11,000	81.1	233.1				
	1899	30	3,722	350	1,970	14,460	20,142	33,727	1,092	4,804	7,324	2,520							
<b>Belting and hose, leather.</b>	1909	129	4,370	100	1,204	3,066	5,638	17,457	1,992	1,861	15,623	23,692	8,069	43.3	66.6				
	1904	117	2,800	94	614	2,092	3,220	10,785	747	1,165	9,317	14,220	4,903	25.3	33.9				
	1899	104	2,443	443	1,667	2,162	7,408	485	914	7,500	10,623	3,123							
<b>Belting and hose, woven and rubber.</b>	1909	46	7,304	11	674	6,319	20,547	24,260	1,984	2,956	14,505	24,729	10,224	43.9	39.0				
	1904	39	5,019	15	614	4,300	13,491	15,909	984	2,057	10,787	17,791	7,074	116.8	158.4				
	1899	63	2,925	15	3,025	5,612	6,982	6,020	380	982	4,528	6,986	2,598						
<b>Bicycles, motorcycles, and parts.</b>	1909	85	5,017	78	502	4,437	5,932	9,780	582	2,908	5,983	10,699	5,616	33.7	107.6				
	1904	101	3,751	81	361	3,319	6,730	5,883	1,971	2,628	5,133	2,328	3,134	-3.1	83.9				
	1899	112	3,024	17,525	19,847	29,784	1,733	8,190	16,792	31,916	15,124								
<b>Billiard tables and materials.</b>	1909	54	1,776	48	233	1,495	2,642	4,705	352	1,011	3,369	5,878	2,909	87.8	164.4				
	1904	48	964	52	116	796	631	1,618	151	937	2,223	2,223	75.7	34.9					
	1899	74	74	88	453	277	884	105	278	729	1,648	919							
<b>Blacking and cleansing and polishing preparations.</b>	1909	501	4,407	434	1,556	2,417	3,977	7,557	1,780	1,146	6,962	14,679	7,717	35.6	69.7				
	1904	284	2,756	281	723	1,753	2,708	4,569	274	738	4,388	8,654	4,008	1.4	29.2				
	1899	275	2,222	686	1,758	1,873	3,662	713	634	4,192	6,098	3,546							
<b>Bluing.</b>	1909	82	545	94	138	313	522	556	112	114	494	1,074	580	51.9	58.2				
	1904	56	306	53	47	206	284	370	45	77	246	679	433	-6.4	17.9				
	1899	65	258	54	220	116	41	79	265	576	331	311							
<b>Bone, carbon, and lamp black.</b>	1909	27	302	7	67	228	1,023	1,842	78	149	445	1,093	648	14.0	68.0				
	1904	25	258	11	47	200	1,085	1,663	48	105	203	648	445	135.3	80.7				
	1899	25	258	24	45	282	24	45	282	24	166	260	254						
<b>Boots and shoes, including out-sock and findings.</b>	1909	1,018	215,623	1,338	15,788	198,297	96,302	222,324	18,629	98,463	332,738	512,798	180,000	25.7	43.4				
	1904	895	171,940	1,28	13,28	166,294	63,606	136,802	9,412	57,072	225,588	357,688	117,400	4.0	23.5				
	1899	2,253	8,348	151,231	35,489	110,363	8,159	61,924	191,436	290,477	98,801								

\* Included in "marble and stone" in 1899.



## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Cens.	PERSONS ENGAGED IN INDUSTRY.					Primary horse- power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture less cost of mate- rials.	PER CENT OF INCREASE.		
		Number of estab- lish- ments.	Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).								Value of prod- ucts.	Value added (aver- age num- ber).	Value of prod- ucts.
Chemicals <sup>1</sup> .....	1909	819	27,791	154	3,923	23,714	208,694	\$15,154	\$6,137	\$14,085	\$64,122	\$117,689	\$53,567	19.7	56.5	
1904	275	22,707	123	2,778	19,906	132,262	96,621	4,048	10,790	42,063	75,222	33,159	4.1	20.1		
1899	133	.....	.....	2,123	19,000	90,349	89,069	2,923	9,933	34,546	62,637	28,091	.....	.....		
China decorating.....	1909	40	436	45	63	328	18	559	80	191	311	730	475	45.8	14.0	
1904	28	273	30	18	235	6	.....	206	21	99	108	377	219	24.5	32.6	
1899	49	.....	.....	31	298	.....	.....	236	21	122	207	485	278	.....	.....	
Chocolate and cocoa products.....	1909	27	3,494	10	568	2,826	10,593	13,685	970	1,269	15,223	22,390	6,807	33.2	55.6	
1904	25	2,346	15	291	1,050	6,879	8,370	8,723	683	832	14,290	4,667	59.1	48.9		
1899	24	.....	.....	289	1,314	2,766	6,891	371	526	6,137	9,696	2,789	.....	.....		
Clocks and watches, in- cluding cases and mate- rials.....	1909	120	25,439	53	1,529	23,857	14,857	57,600	2,181	12,944	11,811	35,197	24,066	5.7	18.2	
1904	97	23,891	63	1,249	22,579	10,731	42,189	1,638	11,892	9,872	29,790	19,918	19.18	31.6	34.7	
1899	109	.....	.....	676	17,135	7,251	31,514	957	8,315	8,819	29,210	13,291	.....	.....		
Clath, sponging and re- finishing.....	1909	57	1,167	67	125	975	704	629	127	651	85	1,544	1,459	22.9	46.6	
1904	55	922	68	59	795	722	400	62	504	39	1,053	1,014	45.6	48.0		
1899	46	.....	.....	39	534	139	299	33	208	17	569	549	.....	.....		
Clothing, horse.....	1909	33	1,130	40	142	1,048	1,454	3,279	171	492	2,723	2,135	1,362	55.0	93.0	
1904	29	1,038	32	75	1,063	656	1,459	4,999	72	342	1,359	2,149	81.1	84.9	84.2	
1899	26	.....	.....	55	575	271	.....	654	47	177	848	1,305	457	.....	.....	
Clothing, men's, button- holes.....	1909	146	1,031	181	20	830	176	225	12	389	105	781	676	-8.1	11.6	
1904	141	1,075	164	8	903	137	202	5	380	95	700	695	605	-4.3	2.8	
1899	149	.....	.....	11	944	113	.....	217	6	352	98	681	583	.....	.....	
Clothing, men's, includ- ing shirts.....	1909	6,354	271,437	8,502	23,239	239,695	42,735	275,320	26,723	106,277	297,515	568,077	270,562	38.0	39.7	
1904	6,249	196,523	8,463	22,829	188,659	29,829	176,557	15,769	68,459	118,322	211,435	408,173	197,300	10.2	6.6	
1899	6,419	.....	.....	11,906	157,549	20,457	149,191	10,052	56,261	66,931	169,169	323,839	155,670	.....	.....	
Clothing, women's.....	1909	4,558	179,021	6,482	18,726	153,743	22,294	129,301	20,418	78,568	298,788	384,752	175,964	32.2	55.4	
1904	3,581	131,538	4,913	10,929	115,705	14,916	73,948	9,976	51,180	139,720	247,662	116,942	38.2	55.4		
1899	2,701	.....	.....	6,715	83,730	9,082	48,432	6,574	32,586	84,705	159,340	74,635	.....	.....		
Coffee and spice, roasting and grinding.....	1909	607	13,516	497	5,529	7,490	22,334	46,642	6,596	3,676	83,205	110,533	27,328	25.7	31.3	
1904	453	9,345	442	2,844	5,959	15,703	38,775	3,216	2,830	65,847	84,188	18,341	.....	-7.7	21.1	
1899	428	.....	.....	2,749	6,387	16,270	28,437	2,951	2,487	55,112	69,357	14,415	.....	.....		
Coffins, burial cases, and undertakers' goods.....	1909	284	11,448	161	1,948	9,339	16,490	25,843	2,411	4,633	11,964	24,526	12,562	10.3	21.0	
1904	284	9,797	161	1,948	8,463	11,320	18,222	1,945	4,130	9,901	20,266	17,303	17,303	45.6	31.8	
1899	217	.....	.....	148	6,840	8,929	13,585	1,023	3,077	6,945	18,952	7,767	.....	.....		
Coke.....	1909	315	31,226	101	1,852	29,273	62,002	152,321	2,072	15,454	64,025	95,697	31,672	54.4	85.0	
1904	278	20,440	73	1,286	18,981	66,669	90,713	1,247	9,804	29,885	31,729	21,844	11.7	4.5		
1899	241	.....	.....	915	16,999	34,767	38,593	797	7,098	19,666	35,585	15,919	.....	.....		
Confectionery.....	1909	1,944	54,854	1,832	8,284	44,638	35,870	68,326	9,137	15,615	31,151	134,796	53,645	23.2	54.8	
1904	1,548	42,779	1,366	5,124	36,239	24,292	43,125	4,840	11,099	48,810	87,067	38,277	54.9	43.6		
1899	962	.....	.....	4,304	28,806	19,410	28,319	3,855	8,029	35,354	60,664	26,290	.....	.....		
Cooperage and wooden goods, not elsewhere specified.....	1909	1,693	29,717	1,753	1,628	26,269	65,108	50,242	2,047	11,713	36,928	60,248	22,320	-5.3	4.0	
1904	1,719	31,123	1,833	1,837	27,743	36,983	38,462	25,692	963	9,860	23,619	47,056	22,963	9.6	37.9	
1899	1,798	.....	.....	969	25,323	38,462	.....	.....	.....	.....	.....	.....	18,406	.....	.....	
Copper, tin, and sheet- iron products.....	1909	4,228	86,934	4,223	8,896	73,615	62,366	217,532	10,288	39,501	112,582	199,824	87,242	38.8	66.6	
1904	2,540	60,713	2,851	4,827	53,035	30,229	147,468	6,070	26,269	63,921	119,933	56,012	38.4	53.1		
1899	1,985	.....	.....	2,824	38,317	28,829	49,679	2,810	16,924	42,012	78,339	35,757	.....	.....		
Cordage and twine and jute and linen goods.....	1909	164	27,214	80	1,314	25,820	78,549	76,029	8,653	9,133	40,615	61,020	20,105	1.9	-5.6	
1904	145	26,442	69	1,620	25,333	66,244	55,467	1,907	8,824	46,631	64,694	18,533	.....	-17.9	31.8	
1899	140	.....	.....	62	21,651	47,999	49,135	1,021	6,554	32,964	49,078	16,014	.....	.....		
Cordials and sirups.....	1909	117	1,638	94	449	1,095	1,154	4,404	627	503	5,321	9,662	4,321	65.9	175.3	
1904	63	899	68	171	660	782	1,666	242	235	2,149	3,510	1,361	82.3	66.6		
1899	39	.....	.....	112	362	573	1,153	121	117	1,065	2,167	602	.....	.....		
Cork, cutting.....	1909	62	3,376	49	185	3,142	3,746	5,327	267	1,998	3,459	5,940	2,505	8.5	32.3	
1904	50	3,080	49	136	2,895	2,589	4,069	108	888	2,459	4,032	23.7	2.3	1.2		
1899	62	.....	.....	136	2,340	1,953	2,684	185	688	8,404	1,888	3,392	.....	.....		
Corsets.....	1909	138	19,611	91	1,956	17,564	4,381	18,033	2,871	6,464	15,640	35,257	17,617	66.0	123.8	
1904	169	11,948	99	877	10,975	9,384	9,580	1,010	3,600	6,105	14,862	8,727	10.8	2.8		
1899	139	.....	.....	815	12,297	3,638	7,290	966	3,645	6,357	14,451	8,094	.....	.....		
Cotton goods, including cotton small wares.....	1909	1,324	387,771	377	8,514	378,800	1,296,517	822,238	14,412	132,859	371,009	628,392	257,383	19.9	39.5	
1904	1,154	323,287	432	6,981	315,874	986,004	613,111	10,238	96,206	286,255	450,468	104,213	4.3	32.8		
1899	1,055	.....	.....	4,992	302,861	795,834	467,240	7,350	86,690	176,562	339,200	162,648	.....	.....		
Crucibles.....	1909	12	398	4	59	335	816	2,651	130	180	1,659	1,849	740	19.6	37.7	
1904	11	340	4	59	280	627	1,577	116	159	762	1,343	831	.....	.....		
1899	10	.....	.....	39	327	611	1,844	151	221	1,623	2,607	994	.....	.....		
Cutlery and tools, not elsewhere specified.....	1909	959	37,161	814	3,351	32,996	68,294	67,380	4,182	17,581	18,279	53,266	34,987	26.0	36.5	
1904	838	29,004	827	1,969	20,188	54,397	43,729	2,333	13,275	13,275	39,022	25,744	33.3	38.6		
1899	721	.....	.....	1,464	19,642	38,283	30,152	1,606	9,474	6,748	28,146	18,398	.....	.....		
Dairymen's, poultryers', and apiarists' supplies.....	1909	233	6,431	206	3,554	4,871	6,898	15,188	1,416	2,671	6,989	15,463	9,374	86.8	136.3	
1904	176	3,273	165	600	2,608	3,994	5,030	359	1,167	3,203	6,545	3,342	.....	.....		
1899	68	.....	.....	192	1,922	1,113	4,681	334	949	5,510	7,810	2,390	89.0	109.9		
1899	68	.....	.....	182	1,917	1,075	4,112	184	569	2,109	3,721	1,012	.....	.....		

<sup>1</sup> Includes "sulphur, nitric, and mixed acids" and "wood dist

## STATES, CITIES, AND INDUSTRIES.

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COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Cen- sus.	PERSONS ENGAGED IN INDUSTRY.						Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by man- ufacture (value of products less cost of mate- rials).		PER CENT OF INCREASE.							
		Total.	Propri- etors and firm mem- bers.	Salaried employ- ees.	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).							Wage earners (average number).	Wage earners (average number).		Wage earners (average number).						
Expressed in thousands.																							
Drug grinding.....	1909	25	1,152	16	* 214	922	3,322	\$5,157	\$208	\$464	\$3,454	\$6,907	\$2,553	.....	-6.0	16.7							
	1904	27	1,111	23	107	981	2,856	4,991	155	483	3,024	5,146	2,122	.....	52.3	19.5							
	1899	26	694	.....	.....	644	1,957	2,388	127	292	2,315	3,408	.....	.....	.....	.....							
Dyeing and finishing tex- tiles.	1909	426	47,303	318	2,059	44,046	107,746	114,093	5,053	21,227	35,261	83,556	48,285	.....	23.8	64.3							
	1904	369	38,071	310	2,196	35,565	84,868	88,709	3,407	15,469	10,121	30,850	11,929	.....	19.4	13.1							
	1899	299	29,776	.....	1,913	29,776	69,238	60,643	2,267	12,726	17,958	44,560	27,065	.....	.....	.....							
Dyestuffs and extracts....	1909	107	3,015	65	553	2,307	22,213	17,935	942	1,291	9,684	15,955	6,271	.....	-11.5	46.5							
	1904	98	3,150	82	361	2,707	17,671	14,904	609	1,264	6,829	10,893	4,064	.....	64.4	48.2							
	1899	77	.....	.....	229	1,647	11,409	7,839	312	788	4,749	7,351	2,605	.....	.....	.....							
Electrical machinery, ap- paratus, and supplies.	1909	1,009	105,600	439	17,905	87,256	158,768	207,844	20,193	49,381	108,560	221,309	112,743	.....	44.3	57.2							
	1904	784	71,485	400	10,619	60,446	103,376	174,181	11,691	31,842	66,887	140,809	73,972	.....	43.9	52.3							
	1899	591	.....	.....	5,067	42,012	48,674	80,640	4,632	20,579	46,858	92,534	42,976	.....	.....	.....							
Electroplating.....	1904	461	3,558	554	287	2,717	4,461	2,324	243	1,652	1,205	5,410	3,905	.....	39.8	52.1							
	1904	312	2,458	371	144	1,943	2,988	1,287	132	1,093	747	2,965	2,218	.....	-6.9	9.0							
	1899	302	.....	.....	115	2,086	2,933	1,322	93	949	784	2,720	1,936	.....	.....	.....							
Emery and other abrasive wheels.	1909	51	2,446	20	483	1,943	4,005	6,231	657	1,150	2,651	6,711	4,060	.....	142.6	225.5							
	1904	34	1,000	11	188	801	1,965	2,249	217	451	705	2,062	1,357	.....	46.7	49.2							
	1899	34	.....	.....	125	546	1,044	1,490	127	303	509	1,382	509	.....	.....	.....							
Enameling and japan- ing. <sup>1</sup>	1909	108	2,418	105	188	2,125	1,055	2,890	290	922	1,496	3,516	1,820	.....	-78.7	-79.7							
	1904	74	10,637	99	993	7,856	7,856	18,371	814	3,380	7,294	16,376	8,922	.....	27.2	61.1							
	1899	167	.....	.....	307	7,835	3,052	9,302	309	2,334	5,522	10,194	4,672	.....	.....	.....							
Engravers' materials.	1909	18	189	13	47	129	549	303	68	96	609	921	312	.....	163.3	438.6							
	1904	10	68	13	6	49	133	98	11	31	96	171	75	.....	-35.5	-39.4							
	1899	11	.....	.....	13	76	105	101	22	45	142	282	140	.....	.....	.....							
Engraving and deskinking	1909	253	1,782	300	174	1,308	768	1,449	168	821	351	2,250	1,899	.....	-16.8	-7.1							
	1904	305	2,100	352	175	1,373	1,032	1,211	160	1,032	376	2,422	2,046	.....	63.2	65.0							
	1899	277	.....	.....	76	964	616	68	543	68	1,468	1,268	1,468	.....	.....	.....							
Engraving, wood.....	1909	82	480	89	73	318	39	193	82	259	126	711	585	.....	-5.9	9.7							
	1904	114	303	129	38	338	45	193	45	60	162	406	282	.....	0.6	5.5							
	1899	144	.....	.....	22	336	47	231	23	206	63	614	551	.....	.....	.....							
Explosives.	1909	86	7,058	21	763	6,274	28,601	50,168	1,134	4,304	22,512	60,140	17,328	.....	8.2	35.6							
	1904	124	7,113	24	1,289	5,890	29,665	42,307	1,797	3,369	17,243	29,603	12,899	.....	28.8	72.9							
	1899	97	.....	.....	768	4,502	19,195	19,466	914	2,384	10,330	17,125	6,790	.....	.....	.....							
Fancy articles, not else- where specified.	1909	494	14,194	477	1,526	12,191	8,310	15,768	1,728	5,096	10,361	22,632	12,271	.....	19.5	28.6							
	1904	435	11,748	483	1,056	10,169	5,886	9,501	1,037	4,080	7,537	17,264	10,657	.....	20.7	36.4							
	1899	496	.....	.....	878	8,454	4,386	6,884	739	3,023	5,943	12,806	6,953	.....	.....	.....							
Fertilizers.....	1909	550	21,530	323	3,317	18,310	64,711	121,537	4,406	7,477	69,522	103,360	34,438	.....	29.1	83.9							
	1904	416	16,091	294	1,613	14,184	47,980	68,917	1,934	5,127	39,288	56,541	17,253	.....	22.5	26.6							
	1899	422	.....	.....	1,712	11,581	38,680	60,686	2,125	4,185	28,958	44,651	15,699	.....	.....	.....							
Files.....	1909	57	4,521	47	316	4,158	7,383	10,413	338	1,978	1,596	5,601	4,095	.....	26.9	29.6							
	1904	62	3,450	65	109	3,276	5,697	5,896	170	1,514	1,311	4,392	3,081	.....	3.7	20.9							
	1899	86	.....	.....	127	3,160	4,835	3,858	154	1,277	1,160	3,404	2,388	.....	.....	.....							
Firearms and ammuni- tion.	1909	66	10,402	30	1,297	14,715	17,840	39,377	1,920	8,427	17,021	34,112	17,091	.....	7.9	20.9							
	1904	62	14,040	38	728	13,634	21,408	22,493	1,160	7,735	12,359	38,296	15,867	.....	40.4	52.7							
	1899	65	.....	.....	492	9,713	7,470	15,655	514	4,163	8,742	18,452	9,730	.....	.....	.....							
Fire extinguishers, chemi- cal.	1909	31	300	10	95	195	215	527	134	127	305	754	449	.....	9.6	29.6							
	1904	35	267	23	66	178	140	338	69	108	229	582	353	.....	178.1	167.6							
	1899	17	.....	.....	47	64	26	137	39	33	71	218	147	.....	.....	.....							
Fireworks.....	1909	42	1,567	22	142	1,403	517	2,209	217	579	896	2,209	1,373	.....	-5.2	14.2							
	1904	34	1,637	25	132	1,496	347	1,543	141	536	769	1,967	1,218	.....	-9.6	11.3							
	1899	46	.....	.....	156	1,638	219	1,080	146	507	628	1,785	1,157	.....	.....	.....							
Flags, banners, regalia, society badges, and em- blems.	1909	211	4,522	207	743	3,572	1,173	5,781	730	1,480	3,810	8,114	4,904	.....	24.4	44.7							
	1904	171	3,517	167	524	2,572	940	5,016	482	1,128	2,586	5,008	3,052	.....	38.2	37.2							
	1899	145	.....	.....	306	2,078	435	4,406	259	620	2,144	4,098	1,944	.....	.....	.....							
Flavoring extracts.....	1909	420	2,654	377	1,028	1,229	1,050	5,341	1,082	558	4,458	8,828	4,370	.....	-29.4	13.6							
	1904	377	2,599	384	672	1,543	873	4,405	988	653	3,806	7,772	3,836	.....	23.3	23.2							
	1899	350	.....	.....	594	1,251	704	3,314	654	478	3,291	6,308	3,017	.....	.....	.....							
Flax and hemp, dressed..	1909	16	216	22	30	164	1,147	785	29	64	336	407	131	.....	-25.4	34.6							
	1904	17	246	17	15	211	600	319	69	93	233	317	114	.....	.....	.....							
	1899	4	.....	.....	12	211	187	72	7	46	91	159	68	.....	.....	.....							
Flour-mill and gristmill products.	1909	11,691	66,054	14,570	12,631	39,453	853,584	349,152	12,317	21,464	767,756	883,584	116,068	.....	0.9	23.9							
	1904	10,051	59,623	13,098	7,415	39,110	775,318	265,117	7,552	19,822	619,911	715,603	98,062	.....	21.4	42.2							
	1899	9,476	.....	.....	5,922	32,226	609,719	199,281	5,508	16,283	428,117	501,596	75,279	.....	.....	.....							
Food preparations.....	1909	1,213	29,065	1,311	4,866	15,908	55,166	64,685	5,865	7,043	83,942	125,831	41,389	.....	32.1	104.9							
	1904	766	14,739	749	2,657	11,333	28,162	51,784	2,969	4,398	27,688	61,180	25,512	.....	38.0	53.6							
	1899	645	.....	.....	1,638	8,214	15,453	21,401	1,405	3,099	24,777	39,837	15,609	.....	.....	.....							
Foundry and machine- shop products.	1909	12,233	435,468	9,851	74,628	331,610	869,305	1,314,332	93,360	321,521	1,288,860	1,868,464	150,000	.....	19.8	39.5							
	1904	10,765	362,185	9,370	49,465	343,909	696,153	1,004,163	59,703	273,473	1,278,612	1,880,514	151,102	.....	3.8	10.0							
	1899	11,046	.....	.....																			

## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	en- cens. Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by man- ufacture (value of products less cost of mate- rials).	PER CENT OF INCREASE.		
		Total.	Pro- pri- ors and firm men- bers.	Salaried em- ployees.	Wage earners (average number).								Value of prod- ucts.	Value of prod- ucts.	
Expressed in thousands.															
Fur goods.....	1909	1,241	16,152	1,717	2,508	11,927	2,120	\$29,249	\$2,554	\$7,788	\$31,777	\$55,938	\$24,161	27.3	50.7
	1904	867	11,787	1,245	1,172	9,370	1,904	17,990	1,229	5,123	21,202	37,119	15,917	20.8	43.3
	1899	734	.....	.....	1,141	7,758	907	12,484	1,006	3,927	18,259	11,618	.....	.....	.....
Furnishing goods, men's	1909	900	43,935	1,022	4,431	38,482	12,116	49,009	5,210	15,093	49,125	87,710	38,585	41.6	78.9
	1904	347	30,476	694	2,557	27,885	5,451	28,644	2,158	8,740	20,565	49,632	22,467	-10.3	10.6
	1899	407	.....	.....	2,149	20,322	3,852	29,576	2,188	9,750	29,570	44,846	25,676	.....	.....
Furniture and refrig- erators.....	1909	3,155	144,140	2,657	13,031	128,452	221,451	227,174	15,561	65,618	108,775	220,886	131,111	12.5	34.9
	1904	2,593	125,063	2,686	8,642	114,415	169,774	158,996	9,524	51,788	76,892	177,795	106,903	20.0	36.1
	1899	1,909	.....	.....	6,751	90,991	119,608	109,267	6,692	36,920	57,406	130,634	73,228	.....	.....
Furs, dressed.....	1909	93	1,472	115	116	1,241	2,103	1,672	135	806	811	2,391	1,580	12.3	-25.7
	1904	85	1,324	109	116	1,102	1,280	1,296	110	755	1,642	3,216	1,574	32.3	129.7
	1899	92	.....	.....	46	855	1,063	798	49	478	520	1,400	880	.....	.....
Galvanizing.....	1909	46	1,689	36	216	1,447	1,367	4,197	257	787	5,719	7,338	1,619	15.2	14.3
	1904	36	1,457	24	167	1,286	1,603	2,080	162	620	4,745	6,415	1,671	.....	130.8
	1899	28	.....	.....	52	535	409	1,776	47	229	1,678	2,471	793	.....	.....
Gas and electric fixtures and lamps and reflec- tors.....	1909	619	22,966	431	3,614	18,861	15,862	36,835	4,340	10,893	20,467	45,057	24,590	50.0	64.6
	1904	445	14,653	334	1,749	12,570	8,444	28,002	2,198	6,408	11,078	26,560	15,482	11.9	34.0
	1899	377	.....	.....	1,294	11,238	6,991	15,855	1,492	5,188	7,962	19,821	11,829	.....	.....
Gas, illuminating and heating.....	1909	1,396	51,007	277	13,515	37,215	128,350	915,337	12,385	20,931	52,428	166,814	114,386	21.8	33.3
	1904	1,619	40,443	71	9,460	30,366	73,101	725,655	8,404	17,058	37,180	123,145	87,995	36.1	65.3
	1899	977	.....	.....	5,904	22,459	56,700	467,001	5,473	12,436	20,161	75,717	65,112	.....	.....
Glass.....	1909	365	72,573	87	3,575	68,511	123,132	128,288	4,994	39,860	32,119	92,065	59,576	7.7	15.7
	1904	399	67,105	96	3,040	63,969	91,476	83,389	3,940	37,288	26,146	79,008	58,642	21.1	40.8
	1899	355	.....	.....	2,268	52,943	81,424	61,424	2,792	27,085	16,731	56,540	39,809	.....	.....
Glass, cutting, staining, and ornamenting.....	1909	558	11,099	617	1,111	9,362	4,897	10,296	1,295	5,249	6,246	16,101	9,855	11.7	22.6
	1904	453	9,626	504	743	8,379	3,973	7,305	776	4,539	4,845	13,138	8,203	70.5	50.1
	1899	411	.....	.....	475	4,914	2,098	4,901	487	2,394	3,335	8,750	5,215	.....	.....
Gloves and mittens, leather.....	1909	377	12,930	458	1,138	11,354	2,889	16,909	1,256	4,764	13,208	23,631	10,423	6.7	33.2
	1904	337	11,457	424	1,044	10,366	12,780	15,385	885	3,540	10,063	17,746	12,342	.....	.....
	1899	394	.....	.....	659	14,345	2,165	9,090	547	4,183	9,483	16,926	7,443	.....	.....
Glucose and starch.....	1909	118	5,827	86	968	4,772	28,257	38,566	1,413	2,666	36,899	48,799	11,900	2.0	49.5
	1904	140	5,469	111	619	4,679	35,866	24,633	655	2,641	25,519	32,650	7,131	-21.3	5.6
	1899	132	.....	.....	553	5,943	26,462	25,683	732	2,855	21,580	30,927	9,347	.....	.....
Olne.....	1909	65	3,840	45	530	3,265	15,966	14,269	747	1,571	7,525	13,718	6,193	14.0	36.7
	1904	58	3,258	42	352	2,862	14,280	16,783	465	1,529	6,180	10,035	3,849	77.0	86.2
	1899	61	.....	.....	159	1,618	6,868	6,144	192	685	3,380	5,822	1,422	.....	.....
Gold and silver, leaf and foil.....	1909	88	1,533	108	62	1,385	259	1,184	78	637	1,518	2,630	1,112	11.4	-2.4
	1904	83	1,594	106	96	1,402	262	1,072	85	663	1,476	2,663	1,219	20.6	7.1
	1899	93	.....	.....	35	1,163	149	1,087	36	499	1,604	2,666	1,072	.....	.....
Gold and silver, reducing and refining, not from the ore.....	1909	62	690	61	173	456	1,735	3,894	249	346	21,884	23,612	1,628	58.9	26.1
	1904	41	439	57	95	287	1,068	2,320	127	266	17,538	18,724	1,186	31.0	58.5
	1899	57	.....	.....	76	219	765	1,944	83	141	10,932	11,812	880	.....	.....
Graphite and graphite re- fining.....	1909	9	257	4	96	162	1,472	1,780	115	89	405	1,140	733	-25.7	233.3
	1904	11	282	6	116	137	1,088	1,171	108	117	342	225	50.1	-20.3	.....
	1899	11	.....	.....	16	137	805	411	21	64	267	429	212	.....	.....
Grease and tallow.....	1909	353	5,504	364	783	4,357	14,413	16,676	991	2,629	15,543	23,419	7,876	20.1	24.5
	1904	300	4,413	304	481	3,628	11,738	10,284	583	2,114	12,369	18,815	6,446	77.8	57.5
	1899	287	.....	.....	256	2,040	8,601	7,811	944	1,067	8,752	11,953	3,201	.....	.....
Grindstones.....	1909	14	1,485	6	85	1,394	5,700	4,909	159	638	408	1,628	1,220	91.4	114.2
	1904	23	766	10	50	706	2,602	1,809	81	275	788	524	.....	-39.5	-27.6
	1899	25	.....	.....	60	1,167	2,677	983	58	407	294	1,089	823	.....	.....
Haircloth <sup>1</sup> .....	1909	14	621	11	72	538	995	2,281	72	252	1,614	2,230	616	.....	.....
Hirework.....	1909	250	4,383	208	551	3,534	4,286	4,716	434	1,610	6,081	11,216	5,133	309.5	529.4
	1904	125	1,137	148	126	863	62	1,132	98	335	728	1,782	1,054	5.2	26.7
	1899	138	.....	.....	44	328	23	760	33	287	496	1,466	910	.....	.....
Hammocks.....	1909	15	225	14	39	272	157	344	34	85	311	578	267	6.4	29.3
	1904	14	316	19	21	339	171	300	27	91	190	447	257	-20.1	-6.9
	1899	13	.....	.....	11	339	113	308	16	102	243	480	237	.....	.....
Hand stamps and stencils and brands.....	1909	361	2,539	375	513	1,651	903	2,439	433	952	1,127	3,673	2,546	9.6	30.7
	1904	327	2,149	363	280	1,506	721	1,915	224	797	737	2,074	2,074	2.4	7.7
	1899	366	.....	.....	171	1,470	462	1,736	141	696	663	2,011	1,948	.....	.....
Hat and cap materials.....	1909	74	2,618	63	188	2,367	2,922	1,363	231	947	5,380	8,226	2,856	-1.9	27.9
	1904	65	2,615	87	114	2,414	2,259	4,285	127	849	4,217	6,446	2,223	76.1	67.3
	1899	70	.....	.....	50	1,371	1,770	1,744	60	434	2,798	3,849	1,051	.....	.....
Hats and caps, other than felt, straw, and wool. <sup>2</sup>	1909	494	7,609	688	720	6,201	990	5,275	783	3,424	6,000	13,689	6,999	-6.0	5.7
	1904	415	7,017	693	418	6,244	797	4,185	436	3,354	6,308	12,956	6,648	-47.4	-39.4
	1899	644	.....	.....	643	12,544	3,252	8,394	675	5,025	10,997	21,393	10,486	.....	.....
Hats, fur-felt.....	1909	273	27,961	264	1,763	25,664	19,245	35,734	2,097	14,223	22,109	47,865	26,756	13.7	30.7
	1904	216	21,666	252	1,367	22,047	16,435	23,238	1,488	11,282	19,575	36,629	20,654	16.8	31.7
	1899	171	.....	.....	726	18,880	11,943	16,201	944	13,594	23,811	41,297	23,811	.....	.....
Hats, straw. <sup>3</sup> .....	1909	38	6,764	91	79	8,814	2,882	11,338	1,427	4,471	11,468	21,243	9,956	58.3	106.0
	1904	38	6,048	79	438	5,867									

## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Consus.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.						Expressed in thousands.					Value added by manufacture (value of products less value of materials).	PER CENT OF INCREASE.	
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).	Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value of products less cost of materials.		Wage earners (average number).	Value of products.
Hones and whetstones.....	1909	18	173	13	8	152	677	832	56	572	810	\$368	\$158	-30.9	-13.0	
	1904	17	251	19	19	226	684	437	20	34	105	308	257	16.4	57.1	
	1899	18	200	10	10	180	593	217	6	54	106	132	132	0	37.0	
Horsehoes, not made in steel works or rolling mills.....	1909	19	261	7	60	203	1,045	1,396	99	166	350	1,015	659	26.3	20.0	
	1904	8	273	1	40	232	1,014	1,227	54	127	256	799	543	0.4	60.4	
	1899	7	201	1	18	231	545	465	36	117	211	498	287	0	0	
Hosiery and knit goods.....	1909	1,374	136,130	1,134	5,721	129,275	108,709	163,641	7,691	44,740	110,241	200,143	89,902	24.2	46.0	
	1904	1,144	109,489	1,007	4,329	104,092	78,769	106,943	4,455	31,615	70,789	137,076	60,287	24.4	43.0	
	1899	1,006	96,000	851	3,851	91,694	57,546	82,659	3,138	24,434	51,193	95,834	42,600	13.2	36.0	
House-furnishing goods, not elsewhere specified.....	1909	262	5,916	236	773	4,907	6,328	12,754	1,097	2,035	12,371	18,509	6,138	2.7	23.3	
	1904	227	5,555	224	683	4,488	5,748	10,872	878	1,880	9,627	15,011	5,384	-8.3	5.1	
	1899	209	5,000	209	584	5,212	8,531	10,634	628	1,838	9,198	14,275	5,980	0	0	
Ice, manufactured.....	1909	2,004	21,107	1,066	9,527	16,114	317,789	118,641	3,868	9,779	11,317	31,637	61,636	50.5	80.6	
	1904	1,320	13,179	746	2,332	10,101	191,660	66,592	3,001	5,549	6,011	23,790	17,779	46.8	72.6	
	1899	775	7,775	401	1,531	6,880	100,421	38,920	1,226	3,460	3,912	13,781	10,469	0	0	
Ink, printing.....	1909	71	1,854	38	695	1,121	5,857	7,144	1,092	773	4,175	8,865	4,690	57.7	57.5	
	1904	60	1,117	45	361	711	3,384	4,610	530	475	2,613	5,774	3,161	41.4	83.5	
	1899	60	1,117	45	361	711	3,384	4,610	530	475	2,613	5,774	3,161	41.4	83.5	
Ink, writing.....	1909	47	824	37	282	505	109	2,114	376	203	1,078	2,505	1,427	17.4	33.2	
	1904	42	607	36	141	430	224	1,287	191	170	858	1,881	1,023	00.9	45.5	
	1899	44	548	35	148	285	359	877	134	114	573	1,263	720	0	0	
Instruments, professional and scientific.....	1909	203	6,175	222	1,136	4,817	4,856	11,724	1,233	2,925	2,918	10,504	7,586	40.2	95.3	
	1904	225	4,145	200	508	3,437	2,110	5,383	532	1,823	1,359	5,378	4,028	23.9	10.8	
	1899	201	3,989	189	389	2,775	2,471	4,476	402	1,429	1,303	4,803	3,490	0	0	
Iron and steel, blast furnaces.....	1909	208	43,061	48	2,584	38,429	1,173,422	487,581	6,255	24,607	320,638	391,429	70,791	9.6	68.8	
	1904	196	37,335	46	2,221	35,078	775,278	298,146	5,820	18,935	178,942	231,823	52,881	-10.6	12.1	
	1899	228	32,000	47	1,737	30,241	497,572	149,529	3,341	18,484	131,643	166,267	42,844	0	0	
Iron and steel, steel works and rolling mills.....	1909	446	260,762	47	20,639	246,076	2,100,978	1,004,735	26,191	163,304	657,591	983,723	328,222	15.7	46.3	
	1904	415	221,856	44	14,320	207,562	1,649,299	709,182	17,859	122,912	414,204	673,965	232,701	13.3	46.3	
	1899	445	188,000	42	7,454	183,249	1,109,801	430,232	9,453	102,336	390,895	591,212	206,317	0	0	
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills.....	1909	108	12,385	38	1,012	11,345	22,113	30,259	1,373	5,793	12,804	24,485	11,681	40.2	66.7	
	1904	88	8,771	49	632	8,090	13,825	18,913	912	3,642	7,807	14,687	6,880	5.6	5.1	
	1899	72	7,200	42	420	7,060	9,165	10,800	571	2,992	8,071	15,978	5,907	0	0	
Iron and steel, doors and shutters.....	1909	29	1,816	18	197	1,601	1,907	3,045	224	874	1,283	3,006	1,723	129.0	103.5	
	1904	24	811	19	95	699	969	1,120	117	407	602	1,477	497.4	361.6	0	0
	1899	22	811	19	95	699	969	1,120	117	407	602	1,477	497.4	361.6	0	0
Iron and steel forgings.....	1909	172	9,193	90	935	8,168	27,503	27,755	1,300	5,093	10,249	20,293	10,353	44.2	67.6	
	1904	158	6,547	77	625	5,968	10,069	28,249	834	3,428	5,752	12,110	6,368	28.3	16.0	
	1899	90	3,222	322	4,688	7,697	9,676	411	2,559	5,213	10,438	5,225	0	0		
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.....	1909	57	3,239	42	412	2,755	7,723	8,898	502	1,353	3,972	8,192	4,220	-24.9	-8.2	
	1904	76	4,147	60	406	3,681	10,533	8,742	454	1,684	4,686	8,923	4,237	-17.8	-39.6	
	1899	102	4,311	431	4,477	12,833	10,751	12,544	2,042	8,562	14,777	6,215	0	0		
Iron and steel pipe, wrought.....	1909	28	7,309	17	475	6,817	20,656	22,266	657	3,963	22,942	30,886	7,944	25.9	77.5	
	1904	27	5,723	11	296	5,416	16,094	13,073	369	2,473	12,747	17,401	4,654	-2.2	-18.3	
	1899	19	5,536	193	193	5,536	11,717	18,344	266	2,496	15,524	21,292	5,768	0	0	
Jewelry.....	1909	1,537	36,199	1,846	4,799	30,347	11,204	63,811	5,838	18,338	36,675	80,350	34,675	37.4	51.0	
	1904	1,023	29,519	1,436	2,063	22,080	7,752	39,679	2,039	12,563	24,177	38,222	19,449	7.9	15.0	
	1899	851	26,000	1,000	2,000	26,000	6,656	27,802	1,842	10,644	22,555	46,129	23,874	0	0	
Jewelry and instrument cases.....	1909	120	2,441	139	252	2,070	527	1,841	232	954	1,221	3,116	1,895	23.5	36.0	
	1904	97	1,923	126	121	1,676	359	1,438	107	624	843	2,392	1,449	104.6	98.1	
	1899	63	1,829	102	819	208	548	35	323	436	1,157	721	0	0		
Kaolin and ground earths.....	1909	119	2,351	53	308	1,999	20,930	13,226	417	897	2,042	4,681	2,639	-7.7	5.5	
	1904	131	2,501	91	253	2,157	17,325	10,196	329	899	1,809	4,439	2,570	3.0	19.3	
	1899	145	2,500	252	2,094	18,404	18,404	12,212	357	821	1,651	3,722	2,071	0	0	
Labels and tags.....	1909	96	2,880	83	482	2,313	1,889	3,857	541	1,123	1,910	4,670	2,760	71.6	89.7	
	1904	67	1,610	55	197	1,348	919	2,118	258	699	1,457	1,946	78.8	122.8		
	1899	47	1,000	40	754	302	848	120	289	388	1,105	717	0	0		
Lapidary work.....	1909	77	886	90	169	627	679	808	135	889	6,560	9,173	2,613	23.7	20.0	
	1904	54	681	72	102	567	554	784	109	657	6,224	7,647	1,423	1.8	32.2	
	1899	60	648	43	498	212	367	5	499	4,656	5,786	1,130	0	0		
Lard, refined, not made in slaughtering and meat-packing establishments.....	1909	7	515	6	110	399	723	1,434	108	180	1,024	10,326	605	-9.5	68.5	
	1904	9	528	10	77	441	598	1,163	108	219	5,640	6,129	489	-11.6	-29.0	
	1899	19	496	14	54	496	714	1,336	89	238	4,567	8,631	1,134	0	0	
Lasts.....	1909	60	2,029	47	254	1,728	3,386	3,061	412	1,263	3,324	4,159	2,835	43.0	65.0	
	1904	55	1,854	39	206	1,653	2,909	2,909	263	798	3,708	3,520	1,732	0	0	
	1899	65	1,854	39	206	1,653	2,909	2,909	263	798	3,708	3,520	1,732	0	0	
Lead, bar, pipe, and sheet.....	1909	33	1,044	8	274	802	3,179	20,587	360	510	7,412	9,145	1,733	24.3	-1.4	
	1904	32	854	11	117	646	2,487	5,015	239	405	7,910	9,277	1,367	6.8	24.1	
	1899	34	854	11	117	646	2,487	5,015	239	405	7,910	9,277	1,367	6.8	24.1	
Leather goods.....	1909	2,375	43,525	2,552	6,061	34,907	28,148	69,814	6,701	17,921	60,027	104,719	44,692	2.1	27.5	
	1904	1,738	40,508	2,148	4,171	34,274	24,847	59,919	4,148	15,107	53,107	87,086	16.8	31.9		
	1899	1,568	35,000	2,000												

## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Cen- sus.	Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Salu- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less value of materials).	PER CENT OF INCREASE.		
			Total.	Pro- pri- etors and firm man- agers.	Salaried em- ployees.	Wage earners (aver- age number).								Wage earners (aver- age num- ber).	Wage earners (aver- age num- ber).	Value of prod- ucts.
Expressed in thousands.																
Leather, tanned, curried, and finished.	1909	919	67,100	784	4,114	62,302	148,140	\$32,727	\$6,744	\$32,103	\$248,279	\$37,874	\$79,395	8.7	29.8	
	1904	1,049	61,002	1,112	3,353	57,230	117,450	32,584	4,452	37,049	191,179	252,621	61,442	9.8	23.8	
	1899	1,306	52,000	2,442	22,109	88,840	172,977	22,591	2,109	25,008	135,000	204,638	49,038	9.6	21.7	
Lime 1.	1909	535	15,659	794	968	18,597	27,671	32,500	1,980	6,983	6,773	17,652	11,221	21.4	21.7	
	1904	528	12,383	500	731	11,152	18,198	22,596	703	4,597	5,437	14,721	9,314	-41.6	-48.6	
	1899	996	9,500	1,406	1,709	19,085	93,540	48,787	1,416	7,741	11,040	28,674	17,634			
Liquors, distilled.	1909	613	8,328	563	1,335	6,430	46,120	72,450	1,968	3,674	35,977	204,699	168,722	20.1	55.9	
	1904	805	7,229	794	1,080	5,635	42,349	50,101	1,393	2,657	25,626	131,270	105,644	44.0	35.6	
	1899	965	6,500	1,001	1,567	5,720	31,427	32,540	890	1,733	15,145	96,794	81,649			
Liquors, malt.	1909	1,414	66,725	639	11,507	54,579	347,726	671,158	22,804	41,206	96,596	374,700	278,134	13.4	25.6	
	1904	1,539	58,068	816	9,658	48,137	266,159	545,530	17,907	34,541	74,907	298,346	223,439	22.0	25.9	
	1899	1,507	50,000	7,146	39,459	197,901	413,677	413,677	13,038	25,776	51,568	236,916	183,317			
Liquors, vinous.	1909	290	2,726	236	579	1,911	7,771	97,908	863	6,626	13,121	16,495	-0.1	18.2		
	1904	355	2,801	396	492	1,913	6,713	17,775	573	1,002	5,665	11,098	5,406	64.5	69.5	
	1899	329	429	344	1,163	6,416	9,338	365	446	3,689	6,547	8,538				
Locomotives not made by railroad companies 1.	1909	16	16,945	7	2,029	14,909	35,102	52,060	2,297	8,914	15,046	31,382	16,522	-39.9	-47.0	
	1904	15	29,979	9	1,164	24,806	29,806	28,421	1,675	18,798	27,703	59,562	31,449			
Looking-glass and pic- ture frames.	1909	437	7,470	431	1,018	6,021	5,339	9,058	1,110	3,201	5,325	13,475	7,950	-9.1	1.5	
	1904	442	8,076	467	984	6,625	4,653	7,634	955	3,315	4,875	13,270	8,205	9.9	22.3	
	1899	362	6,000	488	884	6,029	2,357	6,589	789	2,850	4,729	10,847	6,118			
Lumber and timber prod- ucts.	1909	40,671	788,485	48,825	41,145	698,619	2,840,082	1,176,675	47,428	318,739	508,118	1,156,129	648,011	36.5	30.7	
	1904	25,153	593,342	30,738	30,000	632,566	1,886,624	733,708	31,747	245,834	390,325	884,267	525,942	4.7	16.2	
	1899	28,133	400,000	20,940	508,706	1,688,594	1,688,594	541,595	18,715	188,395	304,964	700,992	396,028			
Malt.	1909	114	2,237	52	1,769	26,441	70,266	60,286	884	1,348	30,464	38,252	7,788	-14.3	26.3	
	1904	141	2,594	36	444	2,654	20,288	47,934	747	1,457	23,621	30,269	6,608	3.2	56.3	
	1899	146	2,000	290	1,900	13,504	19,384	39,288	471	1,183	14,817	19,574	4,557			
Marble and stone work 1.	1909	4,954	77,275	6,025	5,646	65,603	187,686	114,842	6,386	42,546	37,397	113,693	75,096	28.4	33.3	
	1904	2,668	15,564	3,456	3,576	11,110	102,887	79,170	4,000	31,890	26,569	84,844	48,249	23.8	30.3	
	1899	2,952	2,600	2,606	41,686	83,119	52,982	42,543	22,546	22,546	62,667	42,121				
Matches.	1909	26	4,220	46	543	3,631	6,224	11,933	723	1,300	4,999	11,353	6,754	14.0	10.0	
	1904	23	3,968	7	176	3,185	3,529	5,334	178	1,031	3,285	5,647	2,362	55.6	61.6	
	1899	22	3,000	66	2,047	2,666	3,893	87	613	3,421	6,006	2,885				
Mats and matting.	1909	12	1,040	18	85	937	1,433	4,051	95	385	1,067	2,432	1,365	49.9	95.7	
	1904	12	696	13	58	625	1,524	839	67	249	574	1,243	669	-4.8	6.7	
	1899	9	400	42	1,107	1,733	994	31	227	1,163	640	800	47.6	28.9		
Mattresses and spring beds	1909	930	14,109	869	1,918	13,222	17,690	23,738	2,009	5,771	20,483	35,783	15,590	3.6	6.8	
	1904	716	12,438	757	1,254	10,437	13,230	14,514	1,253	4,816	15,326	27,755	12,459	36.3	54.6	
	1899	589	800	831	7,649	7,980	7,980	7,990	770	3,702	10,227	17,956	7,729			
Military and lace goods	1909	1,579	46,301	1,394	5,166	39,201	7,918	35,705	5,381	16,308	45,040	85,894	40,854	42.0	69.2	
	1904	860	31,417	1,163	2,754	27,509	4,797	17,850	2,296	10,305	26,259	50,778	24,519	63.5	72.3	
	1899	591	26,000	1,992	16,871	1,852	10,765	1,953	5,818	15,664	29,400	19,515				
Mineral and soda waters.	1909	496	22,060	5,743	3,170	13,147	19,392	42,305	2,846	6,902	16,646	43,568	27,042	20.8	43.8	
	1904	3,468	16,554	4,099	1,576	10,879	12,214	28,998	1,303	5,488	10,002	30,251	20,249	23.8	30.0	
	1899	2,763	14,000	1,423	8,788	8,037	19,727	1,161	4,980	8,565	29,269	14,704				
Mirrors.	1909	148	3,569	131	354	2,994	3,862	4,920	450	1,763	5,906	9,571	3,656	13.0	25.9	
	1904	119	3,098	117	302	2,049	2,795	3,859	332	1,375	4,687	7,005	3,018	3.7	-5.0	
	1899	103	1,003	209	2,555	2,333	3,184	277	1,232	4,996	8,004	3,608				
Models and patterns, not including paper pat- terns.	1909	709	5,450	840	439	4,171	5,486	5,576	490	2,929	9,872	8,868	5,992	60.0	90.1	
	1904	547	3,678	656	242	2,780	4,358	2,896	238	1,298	2,826	4,545	3,623	5.0	18.2	
	1899	530	3,000	118	2,007	3,021	2,326	2,326	113	1,566	836	3,384	3,000			
Moving pictures.	1909	16	718	5	207	506	486	19,428	306	335	2,192	4,206	2,014			
Mucilage and paste.	1909	127	901	108	255	538	2,335	2,717	333	286	3,283	4,916	1,635	14.5	38.3	
	1904	111	738	100	158	470	1,345	2,400	207	2,801	3,510	1,255	2.6	39.1		
	1899	116	600	166	533	1,426	1,230	1,933	103	1,018	2,560	943				
Musical instruments and materials, not specified.	1909	187	2,269	187	260	1,822	1,423	3,268	343	992	830	3,228	2,338	-14.8	-7.3	
	1904	181	2,554	180	225	2,139	1,693	3,743	282	1,190	3,482	2,352	1,111	41.2	21.6	
	1899	229	2,000	158	2,405	4,417	3,896	142	1,232	1,205	3,395	2,190				
Musical instruments, pianos and organs and harp.	1909	507	41,882	297	3,565	38,020	41,723	103,234	5,522	22,702	43,765	89,790	66,025	14.9	33.9	
	1904	444	36,106	303	2,722	33,081	30,134	68,482	3,728	18,527	27,987	66,093	38,196	55.2	61.1	
	1899	390	30,000	1,518	21,309	20,789	45,810	2,015	11,543	17,971	57,971	41,674	23,653			
Needles, pins, and hooks	1909	49	4,975	27	313	4,638	4,542	6,705	393	2,064	2,329	6,094	4,365	17.0	40.9	
	1904	46	4,196	31	306	3,865	2,449	5,332	284	1,884	4,730	3,147	49.3	66.7		
	1899	52	3,000	135	2,653	2,403	2,403	4,618	147	1,027	1,228	2,328	2,010			
Oakum.	1909	6	129	7	9	113	283	342	14	42	222	338	101	-20.4	-6.4	
	1904	6	158	5	11	142	367	488	14	49	281	440	156			
	1899	7	100	10	171	375	416	416	17	51	281	440				
Oil, castor.	1909	4	70	4	12	54	385	1,038	27	32	661	905	244	25.6	40.7	
	1904	4	57	3	14	43	509	625	27	28	643	643	159	-12.2	62.8	
	1899	3	40	2	69	200	360	590	17	20	263	395	102			
Oil, cottonseed, and cake.	1909	817	21,273	110	4,092	17,671	192,342	91,086	4,295	6,235	119,833	147,968				

## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1902—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Cen- sus.	Number of estab- lishments.	PERSONS ENGAGED IN INDUSTRY.					Primary horse- power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).		PER CENT OF INCREASE.								
			Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ploy- ees.	Wage earners (average number).	Wage earners (average number).							Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).
Oil, essential.....	1909	68	408	73	45	290	1,218	\$1,305	\$61	\$12	\$1,253	\$1,737	\$482	139.7	18.6									
	1904	52	237	68	37	132	849	723	40	70	1,111	1,455	224											
	1899	47	.....	.....	39	165	1,048	576	25	61	889	813	.....											
Oil, linseed.....	1909	29	1,733	9	292	1,432	13,211	18,982	749	893	31,053	36,739	5,704	7.6	33.2									
	1904	30	1,518	13	156	1,349	9,473	9,850	423	786	23,153	27,577	4,424	1.6	1.4									
	1899	48	.....	.....	285	1,328	8,491	15,461	446	693	24,396	27,184	2,788											
Oil, not elsewhere speci- fied.....	1909	189	3,144	118	1,311	1,715	5,772	18,441	1,923	1,060	21,407	30,865	9,458	31.4	31.6									
	1904	186	2,113	148	862	1,378	733	11,229	2,071	733	14,428	22,923	8,485	-10.4	23.2									
	1899	201	.....	.....	810	1,476	3,452	9,893	691	738	10,973	18,012	7,037											
Oilecloth and linoleum.....	1909	31	5,557	11	545	5,201	16,125	19,034	649	2,836	15,559	23,539	7,789	33.9	57.8									
	1904	27	4,112	12	217	3,883	10,112	13,803	361	1,944	10,050	14,792	4,742	30.2	27.7									
	1899	27	.....	.....	153	3,200	7,561	8,879	295	1,628	7,550	11,403	3,853											
Oleomargarine.....	1909	12	773	1	166	606	2,408	3,558	276	413	6,497	8,148	1,651	16.1	46.2									
	1904	14	730	2	206	522	1,560	1,551	253	334	4,368	5,574	1,176	-51.8	-58.4									
	1899	24	.....	.....	294	1,084	1,356	3,024	412	516	7,640	12,300	4,660											
Optical goods.....	1909	217	7,809	163	1,248	6,308	5,725	10,147	1,137	3,394	4,187	11,725	7,548	47.8	91.8									
	1904	122	4,742	96	316	4,330	3,410	5,381	427	1,923	2,230	6,117	3,797	16.6	17.4									
	1899	91	.....	.....	375	3,715	5,244	4,212	287	1,599	2,101	5,211	3,110											
Faint and varnish.....	1909	791	21,896	456	7,200	14,240	56,162	103,995	10,378	8,271	79,816	124,859	45,873	22.4	37.3									
	1904	639	16,480	489	4,408	11,633	41,288	73,486	5,677	6,254	59,027	90,846	31,013	20.1	30.6									
	1899	600	.....	.....	3,710	9,697	30,443	60,053	5,017	4,926	44,739	69,562	24,233											
Paper and wood pulp.....	1909	777	81,473	250	5,245	78,978	1,304,265	409,348	9,610	40,805	105,442	267,637	102,215	15.2	41.8									
	1904	761	70,051	309	3,178	66,964	1,068,708	277,444	6,078	32,019	111,252	188,715	77,463	32.9	48.2									
	1899	753	.....	.....	2,938	49,046	762,118	107,508	4,501	20,716	70,230	127,226	56,796											
Paper goods, not else- where specified.....	1909	403	22,385	228	2,946	19,211	27,067	48,662	3,701	8,169	31,249	55,171	23,922	30.5	62.5									
	1904	398	16,696	226	1,734	14,728	16,229	27,245	1,993	5,377	19,645	33,546	14,301	31.4	39.4									
	1899	246	.....	.....	1,092	9,225	10,421	18,152	1,342	3,658	14,191	24,355	10,164											
Paper patterns.....	1909	27	1,755	22	812	921	751	4,878	675	407	646	2,611	1,965	-14.9	15.3									
	1904	26	1,790	15	693	1,082	38	2,237	490	445	337	2,265	1,928	29.9	30.0									
	1899	15	.....	.....	92	835	9	256	72	262	125	562	437											
Patent medicines and compounds and drugs' preparations.....	1909	3,642	41,101	2,802	15,404	22,895	25,659	99,942	17,067	9,897	50,376	141,942	91,566	11.8	29.9									
	1904	2,777	32,248	2,293	9,883	20,472	17,008	75,173	9,565	7,913	38,694	117,436	77,942	7.6	32.3									
	1899	2,154	.....	.....	8,064	19,628	12,707	56,173	8,375	6,930	31,600	87,791	56,841											
Printing.....	1909	49	1,721	31	281	1,419	5,757	11,460	373	730	3,478	6,229	2,751	-26.1	23.8									
	1904	54	2,106	20	157	1,949	5,156	9,238	107	653	2,666	5,633	2,367	-21.2	27.9									
	1899	59	.....	.....	173	2,456	34,397	13,464	184	1,140	1,582	3,936	2,354											
Peanuts, grading, roast- ing, cleaning, and shell- ing.....	1909	46	2,177	35	193	1,949	2,827	3,646	299	351	8,612	9,737	1,125	43.7	34.1									
	1904	30	1,490	18	116	1,356	1,602	1,169	122	205	6,324	7,261	937											
Pencils, lead.....	1909	11	4,513	4	373	4,134	3,448	7,867	697	1,712	3,596	7,379	3,783	34.9	66.7									
	1904	8	3,313	3	283	3,065	2,625	4,981	396	1,059	1,894	4,426	2,622	41.8	59.2									
	1899	7	.....	.....	81	2,162	1,800	2,227	112	683	1,031	2,222	1,191											
Pens, fountain, stylo- graphic, and gold.....	1909	65	1,820	51	544	1,235	569	3,121	584	719	2,246	4,739	2,493	31.3	70.8									
	1904	49	1,196	39	224	933	249	1,543	198	333	1,166	2,174	1,038	34.1	62.6									
	1899	45	.....	.....	146	696	242	1,087	327	464	1,062	1,796	1,062											
Pens, steel.....	1909	5	755	5	56	696	249	894	86	230	85	377	482	5.4	21.7									
	1904	5	736	5	72	663	234	476	60	205	163	274	371	40.2	61.2									
	1899	3	.....	.....	13	473	198	357	21	138	52	294	242											
Petroleum, refining.....	1909	147	16,640	42	2,669	13,929	90,268	181,916	3,929	6,830	199,273	236,968	37,725	-16.9	35.4									
	1904	98	18,768	24	1,574	16,770	46,619	136,281	2,724	9,989	139,387	175,003	35,618	37.1	42.4									
	1899	67	.....	.....	1,201	12,199	36,127	65,528	1,811	6,717	102,839	123,929	21,070											
Photographs and graph- ophones.....	1909	18	5,928	2	727	5,169	6,371	14,363	945	2,811	3,099	11,726	8,627	53.0	14.5									
	1904	20	3,949	69	3,267	3,674	5,222	8,741	676	1,984	6,752	4,161	6,626	168.1	358.8									
	1899	11	.....	.....	144	1,267	1,082	3,348	179	608	828	2,246	1,418											
Photographic apparatus and materials.....	1909	103	6,596	59	1,342	5,195	8,637	18,918	1,462	3,038	6,768	22,561	15,853	36.2	73.2									
	1904	130	5,041	74	1,155	3,812	5,061	7,720	1,169	1,796	4,102	13,023	8,801	10.7	67.0									
	1899	153	.....	.....	469	3,444	5,412	5,518	453	1,443	3,378	7,709	4,821											
Photo-engraving.....	1909	313	7,277	233	1,701	5,343	2,628	5,474	1,849	4,750	2,134	11,624	9,490	37.8	59.5									
	1904	228	5,071	227	968	3,870	1,925	4,071	934	2,916	1,393	7,208	5,965	44.0	73.9									
	1899	293	.....	.....	484	2,691	1,940	1,994	430	1,750	725	4,130	3,463											
Pipes, tobacco.....	1909	62	3,000	70	243	2,775	1,946	3,528	283	1,235	2,459	5,312	2,853	42.5	87.4									
	1904	63	2,949	69	244	2,705	1,808	3,741	296	1,088	2,653	5,180	2,826	108.1	185.8									
	1899	98	.....	.....	129	1,585	855	1,111	109	738	1,106	2,472	1,366											
Pottery, terra-cotta, and fire-clay products.....	1909	822	61,022	452	4,062	56,168	110,017	141,350	5,813	29,753	21,911	76,119	54,208	7.1	18.6									
	1904	873	56,730	550	3,752	52,428	104,915	110,620	4,028	25,178	16,691	64,201	47,010	19.9	45.0									
	1899	1,000	.....	.....	2,777	43,714	75,802	60,932	3,012	17,092	11,915	44,293	32,348											
Printing and publishing.....	1909	31,445	388,466	30,424	96,608	258,434	276,363	588,346	103,438	164,628	201,775	737,876	536,101	18.0	33.6									
	1904	27,793	316,047	28,368	68,292	219,606	196,780	432,864	67,748	127,196	142,514	552,473	406,829	12.2	39.0									
	1899	24,814	.....	.....	68,732	183,260	119,775	353,066	39,475	89,816	103,648	395,187	291,583											
Pulp goods.....	1909	14	882	1	98	783	3,125	2,698	120	377	971	1,770	799	12.5	20.7									
	1904	17	759	7	56	696	2,568	3,130	81	284	719	1,467	748	0.7	15.8									
	1899	22																						

## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Cens- sus.	PERSONS ENGAGED IN INDUSTRY.					Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products of materials).	PER CENT OF INCREASE.									
		Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (average number).								Wage earners (average number).									
Expressed in thousands.																							
Pumps, not including steam pumps.	1909	102	2,623	87	400	2,136	4,214	26,018	\$420	\$1,258	\$2,487	\$5,583	\$3,096	52.1	95.7								
	1904	115	1,721	113	204	1,409	2,369	3,220	215	719	1,183	2,853	1,960	122.2	112.6								
	1899	120	.....	.....	.....	.....	.....	1,291	84	247	.....	.....	.....	.....	.....								
Rice, cleaning and pol- ishing.	1909	71	1,777	33	500	1,279	19,519	13,817	613	564	19,501	22,371	2,870	-17.0	37.3								
	1904	74	1,991	33	436	1,492	15,866	8,201	149	641	12,312	13,312	8,724	1.18	8.8								
	1899	80	.....	.....	169	617	7,646	2,621	682	266	7,570	6,866	6,866	.....	.....								
Roofing materials.	1909	117	3,330	46	1,019	2,465	9,431	15,349	1,381	1,339	12,458	19,204	6,746	72.9	70.0								
	1904	307	10,162	314	1,029	8,819	23,022	16,923	1,162	4,068	10,842	19,872	10,842	16.1	45.1								
	1899	267	.....	.....	693	7,933	18,217	10,814	693	3,072	6,886	13,691	6,865	.....	.....								
Rubber goods, not else- where specified.	1909	227	31,281	102	4,661	20,521	79,062	68,507	5,406	14,020	82,192	128,439	46,244	25.2	103.9								
	1904	224	23,631	107	3,928	16,704	48,381	46,587	4,822	10,912	62,996	24,084	3.8	.....	19.7								
	1899	261	.....	.....	1,825	20,404	40,835	39,302	2,216	8,052	33,482	52,622	19,140	.....	.....								
Rules, ivory and wood.	1909	9	127	9	9	109	167	104	11	31	144	113	.....	-26.8	-12.2								
	1904	13	177	13	15	149	318	253	15	55	75	249	194	.....	-39.0	19.7							
	1899	11	.....	.....	14	213	303	203	12	67	73	208	133	.....	.....								
Safes and vaults.	1909	42	4,000	8	709	3,343	5,540	8,944	1,028	2,072	3,443	8,491	5,048	-1.2	8.0								
	1904	31	3,918	15	415	3,488	4,090	7,329	723	2,162	3,211	7,861	4,650	71.6	100.1								
	1899	35	.....	.....	272	2,003	2,269	5,480	283	1,917	1,689	3,928	2,269	.....	.....								
Salt.	1909	124	5,580	74	570	4,939	27,263	29,012	719	2,531	5,903	11,328	6,125	5.8	20.0								
	1904	146	3,171	87	418	2,666	12,048	22,246	487	1,166	9,438	5,672	3.8	.....	18.5								
	1899	159	.....	.....	406	4,774	23,865	27,123	500	1,911	3,336	7,967	4,631	.....	.....								
Sand and emery paper and cloth.	1909	10	779	9	150	611	3,351	4,409	210	370	2,382	4,338	1,976	100.3	105.1								
	1904	8	356	11	40	305	1,133	1,296	78	183	1,055	1,477	422	11.3	25.6								
	1899	9	.....	.....	63	274	898	1,372	98	144	681	1,176	465	.....	.....								
Saws.	1909	96	5,757	84	841	4,832	11,852	14,855	966	2,856	4,912	11,536	6,624	3.9	17.5								
	1904	83	3,301	75	576	4,630	7,491	11,288	623	2,707	4,036	9,320	5,784	44.6	52.4								
	1899	95	.....	.....	312	3,215	5,493	8,349	329	1,653	2,640	6,414	.....	.....	.....								
Scales and balances.	1909	87	4,225	41	672	3,553	6,183	10,813	815	2,186	2,704	8,786	6,082	13.6	46.4								
	1904	85	4,641	47	831	3,810	5,133	8,513	755	1,633	2,003	6,003	4,370	12.9	14.6								
	1899	86	.....	.....	305	2,775	2,466	6,308	297	1,437	1,533	5,240	3,707	.....	.....								
Screws, machine.	1909	43	1,863	32	164	1,667	3,319	3,728	199	930	1,160	3,014	1,854	-15.2	11.1								
	1904	26	2,189	15	209	1,965	3,201	4,133	244	942	961	2,712	1,761	26.2	31.7								
	1899	25	.....	.....	108	1,557	1,407	2,467	126	708	797	2,059	1,262	.....	.....								
Screws, wood.	1909	11	3,758	1	293	3,464	5,618	9,670	375	1,454	2,309	6,199	3,890	132.8	190.5								
	1904	7	1,647	.....	138	1,509	1,763	5,969	173	559	1,633	4,003	1,677	-24.5	-17.9								
	1899	8	.....	.....	139	1,970	3,480	8,465	169	721	922	5,600	1,677	.....	.....								
Sewing machines, cases, and attachments.	1909	47	20,556	14	1,246	19,296	19,426	33,194	1,423	11,102	11,455	28,292	16,807	12.7	8.1								
	1904	54	18,064	19	924	17,121	17,162	32,583	1,162	9,493	10,701	26,142	15,441	28.1	23.7								
	1899	64	.....	.....	704	13,365	10,069	29,904	933	7,331	9,458	21,125	11,167	.....	.....								
Shipbuilding, including boat building.	1909	1,333	44,949	1,463	2,980	40,506	88,063	126,118	4,035	25,268	31,214	73,390	42,466	-20.2	-11.4								
	1904	1,167	54,424	1,190	2,480	50,754	78,127	121,624	3,340	29,241	37,467	82,769	45,396	8.6	11.1								
	1899	1,167	.....	.....	1,468	46,747	61,797	77,941	2,029	24,823	29,243	38,475	41,057	.....	.....								
Shoddy.	1909	88	2,320	83	196	2,041	13,820	6,887	200	907	5,061	7,446	2,445	-2.3	-11.4								
	1904	97	2,371	110	173	2,069	12,244	5,804	245	835	6,656	8,406	2,350	3.5	24.9								
	1899	105	.....	.....	139	1,921	11,455	5,273	167	749	4,876	6,731	1,856	.....	.....								
Show cases.	1909	149	3,943	154	399	3,390	4,746	5,369	595	2,017	3,140	7,167	4,027	10.0	25.3								
	1904	141	3,522	133	305	3,082	4,067	3,143	330	1,081	2,374	5,722	3,348	126.1	131.8								
	1899	102	.....	.....	166	1,363	1,222	1,153	88	708	1,068	2,468	1,410	.....	.....								
Signs and advertising novelties.	1909	288	7,277	211	1,626	5,540	3,790	9,647	1,476	3,105	4,709	13,546	8,837	.....	.....								
Silk and silk goods, in- cluding throwsters.	1909	852	105,238	964	5,537	99,637	97,947	162,158	7,527	38,570	107,767	196,912	80,145	24.4	47.7								
	1904	824	84,153	325	4,027	79,031	71,700	109,557	4,712	26,708	75,801	133,288	57,427	21.7	24.3								
	1899	483	.....	.....	2,657	65,416	57,597	51,082	3,134	20,082	42,467	107,256	44,849	.....	.....								
Silverware and plated ware.	1909	183	18,774	114	4,027	16,610	15,183	46,759	2,745	10,282	18,832	42,229	23,807	11.8	28.6								
	1904	158	16,305	120	1,324	14,801	12,873	37,792	1,730	8,625	14,450	32,840	18,381	21.8	25.8								
	1899	169	.....	.....	1,129	12,305	8,486	30,628	1,457	6,531	11,659	26,114	14,455	.....	.....								
Slaughtering and meat packing.	1909	1,641	108,716	1,659	17,329	89,728	208,707	383,249	20,054	51,645	1,202,828	1,370,558	160,740	19.0	48.0								
	1904	1,221	88,819	1,172	12,096	75,399	119,513	240,419	13,453	41,067	811,426	922,038	107,612	8.9	17.0								
	1899	1,089	.....	.....	1,017	69,204	87,660	190,290	10,211	33,846	685,310	788,368	103,038	.....	.....								
Smelting and refining, copper.	1909	38	18,672	7	1,137	15,028	138,129	111,443	2,419	15,396	333,332	378,806	45,274	22.6	37.3								
	1904	40	18,562	1	909	12,732	76,524	76,825	1,527	10,827	190,737	240,789	44,043	12.6	45.8								
	1899	47	.....	.....	888	11,324	61,630	59,063	985	8,229	122,174	165,132	42,938	.....	.....								
Smelting and refining, lead.	1909	28	8,059	635	7,424	26,954	132,310	1,476	5,431	151,933	167,406	15,443	-2.0	-9.9									
	1904	32	8,162	5	324	7,573	25,667	63,822	888	5,375	168,958	185,827	10,869	-9.0	5.9								
	1899	39	.....	.....	425	8,109	16,342	72,149	755	5,089	144,155	175,466	31,271	.....	.....								
Smelting and refining, zinc.	1909	29	7,156	3	498	6,655	21,457	37,760	983	4,210	25,230	34,206	9,776	1.9	38.0								
	1904	31	6,884	2	354	6,528	18,494	23,702	581	8,356	17,028	24,791	7,673	34.1	36.3								
	1899	31	.....	.....	318	8,809	11,146	14,842	460	1,842	3,280	4,842	4,842	.....	.....								
Smelting and refining, not from the ore.	1909	69	2,596	73	276	2,147	10,705	13,854	570	1,281	23,162	26,672	4,540	25.4	61.3								
	1904	65	1,994	57	325	1,712	17,111	9,807	354	985	13,760	17,403	3,643	74.2	133.5								
	1899	61	.....	.....	203																		

## STATES, CITIES, AND INDUSTRIES.

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## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Consus.	PERSONS ENGAGED IN INDUSTRY.						Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by man- ufacture (value of products less cost of materials).		PER CENT OF INCREASE.	
		Total.	Pro- pri- etors and firm members.	Salaried em- ployees.	Wage em- ployees (average number).	Value of products.	Value of products.							Wage earnings (aver- age num- ber).	Value of prod- ucts.		
Expressed in thousands.																	
Soap <sup>1</sup> .....	1909	420	18,303	329	5,065	12,999	28,360	\$71,951	\$5,506	\$6,227	\$72,179	\$111,358	\$39,179	17.7	63.1		
	1904	436	14,501	399	3,038	11,044	20,228	54,816	3,303	4,753	43,628	68,275	24,649	16.4	28.3		
	1899	538	7,738	9,497	17,314			38,068	7,717	9,755	35,143	53,231	20,098				
Soda-water apparatus.....	1909	63	2,399	40	562	1,797	2,594	8,889	624	1,829	2,443	6,556	4.11	22.3	41.5		
	1904	57	1,829	27	333	1,499	1,183	4,205	244	550	9,924	4,634	2,710	32.3	53.7		
	1899	30			227	963							2,018				
Sporting and athletic goods.....	1909	189	5,993	155	517	5,321	3,243	6,617	617	2,165	5,565	11,032	5,487	24.9	57.2		
	1904	152	4,757	136	361	4,260	2,995	4,249	319	1,641	2,963	7,032	4,069	91.5	83.8		
	1899	143			168	2,225	1,153	2,015	167	810	1,802	3,628	1,820				
Springs, steel, car and carriage.....	1909	54	3,373	24	333	3,196	7,349	8,784	590	1,833	4,727	9,005	4,278	29.1	56.9		
	1904	52	2,774	22	250	2,503	5,510	6,016	376	1,243	2,742	5,741	2,999	17.8	6.9		
	1899	48			166	2,102	3,185	4,684	275	1,061	5,025	5,690	2,665				
Stationery goods, not elsewhere specified.....	1909	153	7,938	103	1,629	6,206	6,842	13,598	1,897	2,736	7,744	16,647	8,903	44.5	87.7		
	1904	143	5,093	111	685	4,293	3,396	6,929	751	1,800	3,930	8,867	4,947	41.7	75.0		
	1899	113			433	3,032	1,706	4,495	412	968	8,128	5,966	2,938				
Statuary and art goods <sup>2</sup> .....	1909	194	2,172	275	198	1,699	462	2,221	225	1,339	690	3,442	2,762	12.7	42.4		
	1904	135	1,812	191	114	1,507	466	1,699	127	1,039	392	2,417	2,025				
Steam packing.....	1909	153	4,968	82	1,238	3,648	11,129	14,126	1,356	1,811	6,650	12,160	5,510	33.4	35.8		
	1904	106	3,240	56	400	2,734	8,846	12,253	594	1,273	3,806	8,952	5,036	138.4	156.2		
	1899	97			229	1,147	4,488	2,691	336	525	3,546	3,494					
Stereotyping and electro- typing.....	1909	174	3,561	133	678	2,850	4,076	3,820	800	2,312	1,765	6,384	4,619	8.4	27.6		
	1904	146	2,301	132	490	2,078	2,878	3,268	517	1,032	1,905	5,005	3,013	11.3	32.7		
	1899	140			330	2,408	1,470	2,389	312	1,449	907	3,772	3,005				
Stores and furnaces, in- cluding gas and oil stoves, <sup>3</sup> .....	1909	576	42,921	241	5,547	37,130	45,524	86,944	6,975	22,994	29,338	78,853	49,515	11.2	26.0		
	1904	494	37,292	306	3,852	33,404	32,017	62,933	4,399	19,720	22,271	62,133	39,862				
	1899	233	15,658	204	1,928	13,526	160,603	153,167	2,392	7,484	247,583	279,249	31,666	-0.2	0.7		
Sugar and molasses, not including beet sugar, <sup>4</sup> .....	1909	344	15,799	364	1,836	13,549	140,650	165,408	2,154	7,576	244,753	277,285	32,532	-4.1	15.7		
	1904	657			1,867	14,129	152,269	184,033	1,682	6,948	221,385	239,711	18,326				
Sulphuric, nitric, and mixed acids, <sup>5</sup> .....	1909	42	2,582	252	330	2,252	6,494	18,726	551	1,495	5,386	9,884	4,498	-8.0	9.2		
	1904	32	2,757	2	308	2,447	5,416	12,762	556	1,505	4,973	9,063	4,080				
Surgical appliances and artificial limbs.....	1909	321	5,805	316	1,248	4,241	5,752	11,045	1,488	2,129	5,572	12,399	7,027	34.5	70.6		
	1904	284	4,049	259	607	3,133	3,214	5,525	393	1,370	2,866	5,263	3,605	5.3	23.3		
	1899	306			440	1,788	1,254	2,778	414	767	1,418	6,682	3,264				
Tin plate and terneplate.....	1909	31	5,846	4	490	5,352	8,154	10,995	630	3,315	41,889	47,970	6,681	10.4	26.0		
	1904	36	5,132	1	284	4,847	8,990	10,843	310	2,583	31,376	35,283	3,907	32.0	36.9		
	1899	57			333	3,671	3,515	6,650	291	1,890	26,728	31,892	5,164				
Tin foil.....	1909	10	762	8	71	683	1,699	2,905	92	304	2,277	3,419	1,142	-10.8	22.3		
	1904	14	847	11	70	766	1,388	1,918	85	303	3,888	2,795	907	31.6	75.5		
	1899	15			45	582	854	2,094	59	225	1,074	1,569	919				
Tobacco manufactures.....	1909	15,822	197,637	17,634	1,136	166,510	28,814	245,640	16,779	69,355	171,186	410,095	239,569	4.6	25.8		
	1904	16,807	187,052	19,011	9,255	159,800	24,004	323,982	8,800	62,039	126,086	331,111	248,023	20.3	25.6		
	1899	14,859			7,836	132,520	22,296	111,517	8,593	47,975	92,897	263,713	170,846				
Toys and games.....	1909	226	6,072	183	582	5,305	5,323	6,441	661	2,227	3,554	8,274	4,710	22.5	48.2		
	1904	161	4,792	133	329	4,336	4,757	4,531	306	1,615	2,289	5,808	3,280	30.6	39.1		
	1899	109			294	3,316	3,155	3,279	184	1,119	1,615	4,010	2,345				
Turpentine and rosin.....	1909	1,585	44,524	2,667	2,446	39,511	4,129	12,401	1,655	9,363	20,775	20,384	18.4	5.7			
	1904	1,287	37,326	1,997	2,147	33,382	1,175	6,961	1,152	8,383	13,775	23,337	20,162	-20.3	17.7		
	1899	1,503			1,891	41,864	866	11,848	773	2,394	6,180	20,344	14,197				
Type founding and print- ing materials.....	1909	122	2,597	78	483	2,026	1,948	6,783	560	1,191	3,772	4,703	2,031	12.4	19.5		
	1904	98	2,255	84	368	1,893	1,497	5,926	387	1,123	1,119	3,033	2,816	-0.1	0.1		
	1899	92			247	1,984	1,331	3,175	274	1,036	1,270	3,991	2,061				
Typewriters and supplies.....	1909	89	12,161	34	2,489	9,578	6,845	26,309	2,707	6,221	4,077	19,719	15,642	53.7	85.3		
	1904	66	7,509	29	1,248	6,232	4,455	16,642	1,246	3,469	1,870	10,640	8,749	43.3	53.5		
	1899	47			532	4,340	2,272	8,400	480	2,044	1,402	6,932	5,530				
Umbrellas and canes.....	1909	256	6,505	299	734	5,472	2,413	9,556	915	2,253	10,059	15,854	5,808	4.6	19.3		
	1904	294	6,153	327	1,386	4,767	1,752	8,364	374	1,820	11,082	12,296	3,691	-2.7	2.7		
	1899	202			587	5,640	1,457	4,905	504	1,869	8,381	13,649	5,288				
Upholstering materials.....	1909	230	4,777	214	486	4,067	17,456	10,237	587	1,628	8,809	13,054	4,983	-13.7	3.0		
	1904	236	5,405	244	449	4,712	15,064	9,293	525	1,897	7,977	12,078	4,701	-7.6	26.2		
	1899	270			338	5,098	11,331	7,594	364	1,715	5,882	10,608	4,166				
Vault lights and ventila- tors.....	1909	37	453	27	99	327	234	607	109	228	338	957	619	47.3	97.7		
	1904	34	278	28	28	222	174	241	31	184	101	484	323	60.9	43.2		
	1899	14			11	138	81	115	81	81	115	197	208				
Vinegar and cider.....	1909	963	3,073	1,030	481	1,542	16,081	10,879	539	723	4,964	8,448	3,484	0.0	16.3		
	1904	908	2,314	645	321	1,329	7,520	6,550	329	725	2,985	5,293	3,454	-1.9	22.3		
	1899	613			451	1,357	16,849	5,630	391	652	3,734	5,932	2,798				
Wall paper.....	1909	45	4,746	10	699	4,037	5,680	14,153	1,054	2,039	7,623	14,449	6,826	3.2	15.3		
	1904	44	4,423	15	497	3,913	4,867	12,534	692	1,808	6,608	12,637	5,975	-6.2	18.5		
	1899	51			312	4,172	4,573	8,890	817	2,074	6,073	10,663	4,590				

<sup>1</sup> Includes "candles" in 1899.<sup>2</sup> Included in other classifications in 1899.<sup>3</sup> Stoves and furnaces, not including gas and oil stoves, included in "foundry and machine-shop products" in 1899.<sup>4</sup> Includes 214 establishments reported as "sugar and molasses" and 19 as "sugar, refining, not including beet sugar," in 1909.<sup>5</sup> Included in "chemicals" in 1899.

## ABSTRACT OF THE CENSUS—MANUFACTURES.

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.	INDUSTRY.	Cen- sus.	Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sal- aries.	Wages.	Cost of materials.	Value of products.	Value added by man- ufacture (value of products less cost of mate- rials).		PER CENT OF INCREASE.		
				Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).							Wage earners (aver- age num- ber).	Value	Per cent	Value	of
Expressed in thousands.																		
Wall plaster <sup>1</sup> .....	1909	198	5,024	60	773	4,791	25,892	\$16,585	\$1,049	\$2,391	\$6,007	\$12,804	\$6,797	27.5	26.0			
	1904	176	4,459	72	629	3,758	20,054	13,204	626	1,890	4,726	10,164	5,438					
Washing machines and clothes wringers.....	1909	100	2,264	76	383	1,835	3,351	5,318	606	904	2,837	5,825	2,988	13.1	51.7			
	1904	92	1,861	68	171	1,622	3,364	2,852	148	684	2,213	3,339	1,626	7.5	2.8			
	1899	118	.....	.....	104	1,509	2,732	2,405	104	549	2,175	3,735	1,560	.....	.....			
Waste.....	1909	53	3,129	41	191	1,897	4,286	6,125	299	716	8,837	11,598	2,561	21.7	36.6			
	1904	41	1,716	41	116	1,559	3,863	3,586	164	495	6,825	8,343	1,518	42.9	71.0			
	1899	25	.....	.....	58	1,091	2,193	2,437	85	327	4,000	4,880	880	.....	.....			
Wheelbarrows.....	1909	24	775	17	94	664	1,486	1,510	81	321	715	1,625	910	13.7	37.9			
	1904	26	665	12	69	584	1,282	1,045	76	296	494	1,178	684	81.9	159.5			
	1899	15	.....	.....	31	321	762	514	27	127	189	454	274	.....	.....			
Whips.....	1909	57	1,946	90	310	1,546	1,321	3,900	323	704	1,585	3,949	2,364	-0.5	55.5			
	1904	58	1,771	43	174	1,554	1,668	3,368	184	663	1,253	3,147	2,984	20.7	13.1			
	1899	60	.....	.....	228	1,287	818	1,894	246	478	1,273	2,734	1,456	.....	.....			
Windmills.....	1909	34	2,742	18	387	2,337	3,301	5,636	479	1,403	3,331	6,677	3,346	21.2	39.2			
	1904	53	2,341	25	387	1,929	3,084	5,837	332	969	2,308	4,736	2,487	-5.7	10.1			
	1899	68	.....	.....	281	2,045	2,214	4,309	250	940	2,172	4,354	2,182	.....	.....			
Window shades and fix- tures.....	1909	219	4,770	194	646	3,930	5,737	10,334	807	1,918	12,653	18,571	5,918	49.8	107.9			
	1904	144	3,165	132	429	2,624	2,705	5,977	480	1,086	5,947	8,331	2,984	45.7	16.6			
	1899	96	.....	.....	292	1,801	1,927	5,184	323	752	5,575	8,072	2,497	.....	.....			
Wire.....	1909	56	19,845	15	1,846	18,084	71,959	60,157	2,199	10,316	60,543	84,446	23,943	281.8	122.8			
	1904	25	9,325	7	581	4,737	25,850	14,899	793	2,859	30,063	37,816	7,851	195.5	302.4			
	1899	29	.....	.....	94	1,603	9,979	4,242	136	800	7,014	9,421	2,407	.....	.....			
Wirework, including wire rope and cable.....	1909	611	14,994	484	2,162	12,348	29,131	34,970	2,674	6,331	24,394	41,938	17,544	-7.7	29.9			
	1904	649	15,967	652	1,936	13,379	18,280	26,894	2,117	6,100	17,856	33,038	15,182	46.3	66.5			
	1899	596	.....	.....	985	9,142	12,772	16,345	946	3,894	10,913	19,549	9,627	.....	.....			
Wood carpet.....	1909	10	221	9	28	184	269	423	33	138	228	499	262	-50.7	-58.8			
	1904	20	445	22	59	373	473	330	45	269	351	801	450	-38.7	-21.2			
	1899	31	.....	.....	49	608	534	412	35	362	413	1,057	639	.....	.....			
Wood distillation, not in- cluding turpentine and rosin.....	1909	120	2,695	56	318	2,721	9,854	13,017	355	1,463	5,876	9,737	3,861	19.8	24.6			
	1904	141	2,035	82	301	2,272	4,620	10,507	298	1,067	4,848	7,813	2,963	.....	.....			
Wood preserving.....	1909	53	2,875	1	471	2,403	10,647	12,408	517	1,066	9,328	14,099	4,771	226.1	318.6			
	1904	26	859	7	115	737	3,439	2,935	158	315	2,463	3,368	905	54.2	40.6			
	1899	21	.....	.....	54	478	1,007	1,239	57	205	1,835	2,396	571	.....	.....			
Wood, turned and carved.....	1909	1,050	16,243	1,097	1,007	14,139	48,447	18,334	1,045	6,213	9,744	22,199	12,455	-3.7	10.1			
	1904	1,097	16,817	1,226	924	14,657	47,585	16,845	823	6,031	8,758	20,169	11,591	27.1	40.9			
	1899	1,156	.....	.....	565	11,558	31,133	10,280	488	4,771	5,830	14,518	8,488	.....	.....			
Wool pulling.....	1909	37	759	37	91	631	1,366	3,248	132	387	4,103	5,181	1,078	-7.3	487.4			
	1904	34	738	40	65	681	1,324	2,534	74	365	104	882	778	43.4	66.1			
	1899	34	.....	.....	35	475	820	945	35	248	54	531	477	.....	.....			
Wool scouring.....	1909	28	1,262	18	102	1,142	6,782	3,258	143	558	2,122	3,289	1,167	46.6	212.3			
	1904	27	832	18	55	779	3,478	1,188	78	398	215	1,053	838	8.2	18.3			
	1899	25	.....	.....	45	720	2,900	1,061	72	339	194	680	686	.....	.....			
Woolen, worsted, and felt goods, and wool hats.....	1909	985	175,176	732	5,722	168,722	362,209	439,579	10,097	72,427	282,878	435,979	133,101	15.0	36.5			
	1904	1,074	132,366	958	4,593	146,755	288,969	314,051	6,791	57,073	294,018	319,548	114,735	12.3	28.4			
	1899	1,281	.....	.....	3,808	130,997	244,825	265,730	5,574	46,812	133,950	248,798	94,868	.....	.....			
All other industries <sup>2</sup> .....	1909	8	132	11	25	96	136	254	39	67	115	399	275	-78.0	-63.1			
	1904	15	494	8	50	436	1,757	3,869	59	263	388	1,058	672	-64.1	-60.1			
	1899	17	.....	.....	97	1,215	2,354	4,078	113	687	986	2,600	1,622	.....	.....			

<sup>1</sup> Included in "lime and cement" in 1899.<sup>2</sup> Included in "chemicals" in 1899.<sup>3</sup> All other industries embrace "Millstones,"<sup>1</sup> establishment,<sup>2</sup> "ordnance and accessories,"<sup>3</sup> "pulp, from fiber other than wood,"<sup>4</sup> "straw goods, not elsewhere specified,"<sup>5</sup> and "whalebone cutting,"<sup>6</sup> in 1909. "Millstones,"<sup>1</sup> "ordnance and accessories,"<sup>2</sup> "pulp, from fiber other than wood,"<sup>4</sup> "straw goods, not elsewhere specified,"<sup>5</sup> and "whalebone cutting,"<sup>6</sup> in 1904. "Millstones,"<sup>1</sup> "ordnance and accessories,"<sup>2</sup> "pulp, from fiber other than wood,"<sup>4</sup> "straw goods, not elsewhere specified,"<sup>5</sup> and "whalebone cutting,"<sup>6</sup> in 1899.

# STATES, CITIES, AND INDUSTRIES.

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## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909, 1904, AND 1899.

NOTE.—Primary horsepower includes power generated in manufacturing establishments plus electric and other power rented from outside sources; it does not include electric power generated by primary units of the establishments reporting.

[A minus sign (—) denotes decrease.]

Table 111	DIVISION AND STATE.	Cen- sus.	Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.					Primary horse- power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of materials).	PER CENT OF INCREASE.											
				Total.	Propri- etors and firm mem- bers.	Salaried em- ploy- ments.	Wage earners (average number).	Wage earners (average number).								Wage earners (average number).											
Expressed in thousands.																											
<b>United States.</b>																											
1899	88,491	7,678,578	273,855	790,287	6,615,046	16,675,376	\$18,428,276	\$938,575	\$3,477,608	\$12,141,751	\$20,672,022	\$8,529,261	21.0	37.7													
1904	216,180	6,213,612	229,573	519,556	5,468,383	13,487,705	12,675,581	974,439	2,610,445	8,500,208	14,783,903	6,283,075	18.0	27.7													
1899	207,514			364,126	4,112,763	10,097,893	8,975,256	360,771	2,008,891	6,671,861	11,406,927	8,196,028															
<b>GEOGRAPHIC DIVISIONS:</b>																											
<b>New England.</b>																											
1909	25,351	1,212,158	24,171	86,097	1,101,290	2,715,121	2,503,854	112,284	557,631	1,476,297	2,670,095	1,193,768	17.1	31.8													
1904	22,279	1,023,708	22,698	60,238	940,752	2,125,815	1,870,935	72,799	439,650	1,116,273	2,025,999	909,726	10.4	22.0													
1899	22,576			45,402	801,903	1,792,342	1,507,630	53,986	367,474	934,397	1,660,348	736,311															
<b>Middle Atlantic.</b>																											
1909	81,815	2,576,677	85,516	283,414	2,207,747	5,531,502	6,905,975	345,296	1,182,508	4,994,095	7,144,761	2,982,233	17.0	30.9													
1904	72,525	2,148,524	75,854	185,859	1,886,565	4,735,254	5,478,517	247,457	817,517	4,193,543	6,050,250	2,358,044	17.6	28.1													
1899	65,834			127,326	1,604,844	3,139,128	3,450,013	134,943	729,365	2,311,404	4,074,719	1,703,315															
<b>East North Central.</b>																											
1909	60,613	1,786,808	57,271	213,773	1,573,704	4,382,070	4,547,225	250,568	827,152	3,604,472	5,211,702	1,277,230	23.6	44.1													
1904	54,754	1,415,888	50,531	140,821	1,224,528	3,120,399	2,895,446	151,962	615,643	2,045,337	3,645,308	1,559,831	14.1	26.4													
1899	50,521			103,350	1,073,322	2,401,808	2,056,117	101,690	473,040	1,647,577	2,833,056	1,206,479															
<b>West North Central.</b>																											
1909	27,171	464,460	26,683	63,440	374,327	1,101,990	1,171,572	1,241,855	69,594	294,792	1,803,889	502,044	19.8	40.4													
1904	21,492	374,787	21,394	41,652	312,361	753,700	857,194	41,303	157,843	802,011	1,284,446	422,435	17.4	32.0													
1899	20,732			30,066	266,031	603,938	577,117	201,929	91,209	291,127	500,000	173,000															
<b>South Atlantic.</b>																											
1909	28,088	745,830	30,783	52,022	663,013	1,832,021	1,368,475	37,272	244,378	790,005	1,381,186	591,181	26.9	41.8													
1904	19,564	578,869	21,743	34,633	434,633	1,221,040	930,413	34,301	175,401	559,102	974,028	423,038	14.0	36.8													
1899	19,144			24,368	438,344	851,650	583,328	22,408	130,864	398,676	711,900	316,114															
<b>East South Central.</b>																											
1909	15,381	305,465	17,308	26,485	201,772	1,036,560	586,276	29,008	136,103	331,063	630,488	294,235	18.3	35.8													
1904	10,311	246,892	11,449	17,214	221,229	703,928	465,301	17,417	83,942	232,156	404,218	148,280	24.8	42.8													
1899	10,608			11,204	177,308	513,425	234,014	10,385	56,003	176,506	325,086	148,580															
<b>West South Central.</b>																											
1909	12,330	240,942	12,330	23,438	204,520	873,530	547,739	25,382	97,642	331,131	625,443	243,312	42.6	50.6													
1904	8,279	166,640	8,299	14,811	143,470	555,717	328,946	15,190	67,125	246,823	415,232	168,400	26.5	64.6													
1899	7,174			8,255	118,388	397,471	184,960	7,534	42,715	153,246	282,314	98,804															
<b>Mountain.</b>																											
1909	5,254	89,862	4,840	9,578	75,435	406,766	348,977	12,522	56,870	228,692	363,986	135,304	42.9	62.8													
1904	3,610	61,812	3,302	5,730	52,790	241,825	230,549	7,541	39,046	162,813	254,663	101,859	18.0	37.9													
1899	3,146			3,486	44,497	123,012	126,724	3,897	27,714	115,005	191,825	76,219															
<b>Pacific.</b>																											
1909	13,579	256,416	13,840	29,410	213,166	802,016	848,477	36,829	133,810	603,878	843,512	349,814	29.9	52.9													
1904	11,192	193,317	11,730	17,170	167,077	460,449	423,623	20,625	106,187	312,489	555,965	239,676	33.2	51.2													
1899	8,329			10,123	123,206	274,559	242,432	10,781	63,777	223,960	364,810	140,850															
<b>NEW ENGLAND:</b>																											
<b>Maine.</b>																											
1909	3,546	88,476	3,661	4,849	79,855	499,599	202,260	5,797	37,632	97,101	176,629	78,928	6.7	22.2													
1904	3,145	82,109	3,379	3,772	74,958	343,627	143,708	3,989	32,692	80,042	144,620	63,978	7.2	27.5													
1899	2,878			3,160	69,914	239,232	114,068	3,651	25,731	61,210	112,659	51,749															
<b>New Hampshire.</b>																											
1909	1,961	84,191	2,014	3,519	78,658	263,991	139,996	4,191	36,200	98,157	164,581	66,424	20.3	33.1													
1904	1,618	69,738	1,720	2,666	65,366	218,344	109,485	2,972	27,493	75,216	123,611	50,395	—3.9	14.9													
1899	1,771			2,068	67,646	200,975	92,146	2,200	25,850	60,163	107,991	47,428															
<b>Vermont.</b>																											
1909	1,958	35,560	2,113	2,679	33,788	139,445	73,470	2,803	17,272	24,823	68,310	33,687	2.1	8.3													
1904	1,699	37,015	1,806	2,053	33,106	140,416	62,650	2,103	15,221	22,430	60,084	30,474	17.5	25.5													
1899	1,938			1,695	28,179	126,124	43,200	1,610	11,426	26,385	51,515	25,130															
<b>Massachusetts.</b>																											
1909	11,684	644,399	11,194	48,646	584,550	1,175,017	1,279,687	63,279	174,164	839,765	1,490,529	659,764	19.7	32.6													
1904	10,723	532,481	11,258	32,874	488,399	938,007	965,949	39,654	232,389	635,411	1,124,092	497,681	11.4	23.8													
1899	10,929			25,292	458,224	796,461	781,968	29,880	166,278	498,656	907,427	408,972															
<b>Rhode Island.</b>																											
1909	1,651	122,641	1,721	7,382	113,358	226,740	290,001	10,577	55,234	118,192	360,344	122,152	16.7	38.7													
1904	1,487	107,299	1,561	5,430	97,318	181,017	215,901	7,041	45,113	112,872	292,110	83,228	10.3	22.1													
1899	1,678			4,622	88,197	153,619	176,901	5,300	35,995	87,952	165,550	77,598															
<b>Connecticut.</b>																											
1909	4,251	93,871	3,468	19,611	210,792	400,275	517,546	25,637	110,119	357,296	292,027	233,013	16.1	32.8													
1904	3,477	198,046	3,108	13,523	181,093	304,204	373,283	17,040	87,942	191,402	369,082	177,780	13.7	17.1													
1899	3,382			9,258	159,739	256,331	299,207	11,755	73,894	165,972	315,106	145,434															
<b>MIDDLE ATLANTIC:</b>																											
<b>New York.</b>																											
1909	44,885	1,208,341	47,569	151,691	1,003,881	1,997,662	2,779,487	186,033	557,231	1,856,924	3,369,490	1,512,386	17.2	35.4													
1904	37,194	996,725	41,766	98,012	856,947	1,516,962	1,831,960	111,445	430,015	1,368,603	2,488,346	1,135,483	17.9	32.9													
1899	35,937			68,630	726,909	1,699,931	1,523,503	76,749	337,324	1,018,377	1,871,831	854,454															
<b>Pennsylvania.</b>																											
1909	8,817	371,265	8,204	36,838	326,223	612,263	977,172	48,337	169,710	720,043	1,145,529	425,985	22.5	47.0													
1904	7,010	296,262	6,206	25,196	266,336	426,274	715,060	28,957	128,169	470,449	774,369	303,920	24.5	40.9													
1899	6,415			15,361	213,975	323,547	307,301	16,058	95,165	334,726	553,006	218,280															
<b>East North Central:</b>																											
<b>Ohio.</b>																											
1909	27,563	1,002,171	29,743	94,885	877,543	2,921,547	2,748,098	110,807	455,627	1,852,566	2,626,742	1,044,182	15.0	34.3													
1904	24,667	856,392	26,029	66,861	793,683	2,302,298	1,965,837	73,269	367,961	1,147,863	2,058,510	824,228	15.0	18.5													
1899	23,662			45,953	653,969	1,716,094																					

## COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 111—Contd.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.			Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (Value of products less cost of materials).	PER CENT OF INCREASE.		
			Total.	Proprietors and firm members.	Skilled employees.								Wage earners (average number).	Wage earners (average number).	Value of products.
Expressed in thousands.															
EAST NORTH CENTRAL—Continued.															
Michigan.....	1909	9,159	271,071	8,965	30,607	231,499	598,288	\$38,947	\$34,870	\$118,968	\$308,612	\$885,100	\$316,497	32.1	59.7
	1904	7,448	200,106	7,782	17,255	175,225	440,890	337,894	17,470	230,081	426,120	104,039	109,339	12.5	31.2
	1899	7,310	.....	.....	13,350	155,800	368,407	246,996	12,336	62,532	175,966	319,692	143,725	.....	.....
Wisconsin.....	1909	9,721	213,426	8,556	22,287	182,583	554,179	605,657	25,737	93,905	346,356	590,305	243,949	20.6	43.6
	1904	8,558	173,372	7,961	14,220	151,391	440,234	412,647	15,498	71,472	227,255	411,140	183,885	10.1	25.8
	1899	7,841	.....	.....	10,430	137,025	364,380	286,061	10,493	55,096	185,095	326,753	141,038	.....	.....
WEST NORTH CENTRAL:															
Minnesota.....	1909	5,561	104,406	5,376	14,263	84,767	297,670	275,416	15,443	47,471	281,622	469,430	127,738	7.7	33.0
	1904	4,534	80,301	4,343	9,141	66,636	220,934	184,963	9,633	35,843	210,554	307,858	97,904	7.9	37.6
	1899	4,096	.....	.....	6,625	64,557	180,124	133,077	6,064	29,029	150,239	223,663	73,394	.....	.....
Iowa.....	1909	5,528	78,360	5,323	11,601	61,635	155,384	171,219	10,972	32,542	170,707	229,238	88,331	24.6	61.4
	1904	4,785	61,361	4,738	7,122	49,481	118,065	111,428	5,948	22,997	102,844	160,572	57,728	11.4	30.8
	1899	4,828	.....	.....	5,239	44,430	106,664	85,668	4,233	18,021	85,779	132,871	47,092	.....	.....
Missouri.....	1909	8,375	185,708	8,226	24,486	152,993	340,467	444,348	28,994	80,843	354,411	574,111	219,700	14.9	39.0
	1904	6,464	136,585	6,299	17,719	133,167	247,861	379,399	19,053	66,644	282,723	385,544	106,627	2.3	38.6
	1899	6,832	.....	.....	17,474	107,614	189,117	228,784	13,595	46,714	184,189	316,304	132,115	.....	.....
North Dakota.....	1909	732	4,118	723	636	2,769	13,196	11,585	629	1,787	13,674	19,137	5,463	38.9	87.3
	1904	507	2,545	494	296	1,755	9,873	5,704	258	1,032	7,966	10,218	3,122	29.2	63.2
	1899	337	.....	.....	152	1,358	7,351	5,512	130	671	4,151	6,290	2,109	.....	.....
South Dakota.....	1909	1,020	5,236	942	862	3,602	17,666	13,018	616	2,207	11,476	17,874	6,394	44.5	36.6
	1904	686	3,382	649	441	2,492	11,154	7,585	294	1,422	8,607	13,056	4,389	12.0	37.3
	1899	634	.....	.....	288	2,224	11,775	6,051	175	1,130	6,484	9,530	2,946	.....	.....
Nebraska.....	1909	2,500	31,996	2,522	5,108	24,336	64,446	99,901	5,491	13,945	151,081	199,019	47,338	30.1	28.5
	1904	2,372	25,356	2,364	4,843	23,167	56,373	82,309	4,673	11,025	129,288	142,521	16,627	2.3	11.8
	1899	1,695	.....	.....	2,296	18,659	41,825	65,906	2,107	8,842	95,925	130,302	34,477	.....	.....
Kansas.....	1909	3,435	54,649	3,571	6,863	44,215	213,141	156,990	7,551	25,904	258,884	325,104	66,220	24.3	64.0
	1904	2,475	42,057	2,766	3,261	35,250	99,441	88,850	3,693	18,883	156,510	198,245	41,735	3.1	28.7
	1899	2,299	.....	.....	3,612	27,119	68,242	59,458	3,123	12,802	130,738	154,009	33,271	.....	.....
SOUTH ATLANTIC:															
Delaware.....	1909	726	23,984	722	2,024	21,238	52,779	50,006	2,327	10,296	30,938	32,340	21,952	15.0	28.4
	1904	634	19,419	641	1,811	18,490	47,820	49,478	1,629	6,246	24,884	41,160	16,276	-10.2	-0.4
	1899	633	.....	.....	1,189	20,562	40,134	38,791	3,327	8,457	24,725	41,321	16,599	.....	.....
Maryland.....	1909	4,837	125,489	5,376	12,192	107,921	218,244	251,227	13,617	45,436	199,049	315,699	116,620	14.6	29.7
	1904	3,832	107,303	4,505	8,624	94,174	165,449	201,878	8,844	36,144	140,024	243,376	93,452	6.7	15.3
	1899	3,886	.....	.....	6,741	94,170	132,052	149,155	6,845	32,414	129,355	211,076	81,721	.....	.....
District of Columbia.....	1909	518	9,758	475	1,576	7,707	16,593	30,553	1,846	4,989	10,247	25,289	15,642	22.4	37.7
	1904	482	7,778	473	1,066	6,296	12,592	20,300	1,207	3,639	7,732	18,359	10,627	2.3	11.8
	1899	491	.....	.....	957	6,185	10,258	17,903	872	3,023	7,475	16,426	8,173	.....	.....
Virginia.....	1909	5,685	120,797	6,578	8,581	105,676	283,238	216,392	9,101	38,154	125,583	219,794	94,211	31.6	47.7
	1904	3,187	88,998	3,943	4,970	80,283	176,998	147,989	4,825	27,943	83,469	148,857	65,208	21.2	37.0
	1899	3,186	.....	.....	3,828	66,223	136,690	92,300	3,630	20,274	59,360	108,644	49,284	.....	.....
West Virginia.....	1909	2,586	71,463	2,599	4,971	63,893	217,496	150,922	5,710	33,000	92,878	161,949	69,071	40.0	63.8
	1904	2,109	48,880	2,230	2,892	43,758	138,578	86,821	2,809	21,153	54,419	99,041	44,622	32.3	47.8
	1899	1,821	.....	.....	1,714	33,080	91,894	49,103	1,519	12,640	37,228	67,007	29,779	.....	.....
North Carolina.....	1909	4,931	133,453	5,451	6,729	121,473	378,556	217,185	6,903	34,355	121,861	216,566	94,795	42.3	52.0
	1904	3,465	89,142	3,731	2,673	85,329	214,623	141,601	3,375	16,025	79,288	142,521	59,103	.....	.....
	1899	3,455	.....	.....	2,894	72,322	154,407	88,283	2,395	10,452	44,854	85,274	40,420	.....	.....
South Carolina.....	1909	1,854	78,049	1,737	3,257	73,046	276,378	173,221	3,756	20,361	66,351	113,236	46,885	22.9	42.7
	1904	1,399	63,071	1,241	2,289	59,441	197,479	113,422	2,355	13,869	49,969	79,376	29,407	26.4	48.8
	1899	1,369	.....	.....	1,419	47,025	112,607	62,750	1,307	9,130	30,486	53,336	22,850	.....	.....
Georgia.....	1909	4,792	118,036	5,141	8,307	104,588	298,241	202,778	9,062	34,805	116,970	202,863	85,893	12.3	34.3
	1904	3,219	102,365	3,512	4,604	92,749	229,419	135,211	5,527	27,393	83,625	151,040	67,445	11.8	59.8
	1899	3,015	.....	.....	4,615	83,336	136,429	79,309	3,304	19,938	49,836	94,576	45,176	.....	.....
Florida.....	1909	2,159	64,810	2,712	4,625	37,473	99,816	65,291	4,955	22,982	26,128	72,890	46,762	36.5	44.9
	1904	1,413	46,983	1,709	3,125	42,091	43,413	32,972	2,670	15,707	16,322	49,298	33,766	18.7	47.1
	1899	1,275	.....	.....	1,781	35,471	36,356	25,682	1,299	10,916	12,847	34,184	21,337	.....	.....
EAST SOUTH CENTRAL:															
Kentucky.....	1909	4,776	79,060	5,050	8,610	65,400	230,224	172,779	9,603	27,888	111,779	223,794	111,975	9.4	40.1
	1904	3,754	69,755	4,108	5,830	59,294	174,625	147,282	5,851	24,439	82,545	156,775	73,209	15.6	26.3
	1899	3,688	.....	.....	9,735	144,161	275,996	184,859	9,966	30,996	129,552	199,503	59,103	.....	.....
Tennessee.....	1909	4,696	87,672	5,415	8,417	73,840	242,277	167,924	9,186	28,251	104,016	180,217	76,201	21.9	40.6
	1904	3,175	69,287	3,803	4,910	60,572	175,789	102,440	5,981	22,806	79,332	137,961	58,669	31.8	38.7
	1899	3,116	.....	.....	3,329	45,953	130,318	63,140	3,048	14,727	54,569	92,749	38,190	.....	.....
Alabama.....	1909	3,398	81,972	3,769	6,055	72,148	357,837	173,180	6,965	27,284	83,442	145,962	62,530	16.0	33.7
	1904	1,882	67,884	1,948	3,763	62,173	233,185	105,383	3,867	11,878	60,458	109,170	48,712	18.0	51.4
	1899	2,000	.....	.....	2,259	52,711	173,208	60,166	2,039	14,912	37,988	72,110	34,112	.....	.....
Mississippi.....	1909	2,598	56,701	2,974	3,463	50,384	296,222	222,993	3,654	18,798	36,920	80,555	43,629	30.2	40.2
	1904	1,824	46,968	1,889	2,528	38,499	148,338	88,046	2,098	14,819	30,256	61,526	31,650	44.4	76.1
	1899	1,294	.....	.....	1,290	26,799	65,738	72,712	1,063	7					

## STATES, CITIES, AND INDUSTRIES.

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COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

Table 111—Contd.		PERSONS ENGAGED IN INDUSTRY.							Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	PER CENT OF INCREASE.	
DIVISION AND STATE.	Cen- sus.	Number of estab- lish- ments.	Total.	Propri- etors and firm members.	Salari- ed em- ployed.	Wage earners (average number).	Wage earners (average number).	Value of products.								Value of products.	
Expressed in thousands.																	
<b>WEST SOUTH CENTRAL:</b>																	
Arkansas.....	1909	2,925	51,739	3,455	3,293	44,982	173,088	\$70,174	\$3,461	\$10,113	\$34,935	\$74,916	\$30,981	35.0	39.1		
	1904	1,907	37,557	2,140	2,328	33,089	109,599	46,306	2,310	14,594	21,759	53,865	21,759	5.0	35.0		
	1899	1,745	.....	.....	1,549	31,525	79,560	.....	25,385	10,184	18,288	39,888	21,600	.....	.....		
Louisiana.....	1909	2,516	86,563	2,295	8,103	76,165	346,652	221,816	9,008	33,386	134,865	223,949	89,094	36.4	20.3		
	1904	2,091	63,735	1,899	5,977	55,859	251,963	150,811	6,044	25,316	117,035	186,380	69,345	36.6	67.2		
	1899	1,826	.....	.....	2,576	40,878	190,182	.....	2,934	14,725	75,404	111,398	35,994	.....	.....		
Oklahoma.....	1909	2,310	18,034	2,698	2,193	13,143	71,139	38,873	2,045	7,240	34,153	53,682	19,529	140.9	119.5		
	1904	1,123	7,456	1,187	813	5,456	29,608	16,124	718	2,799	16,394	24,459	8,065	129.1	200.7		
	1899	405	.....	.....	269	2,381	11,572	4,054	219	894	.....	.....	.....	.....	.....		
Texas.....	1909	4,588	84,575	4,496	9,840	79,230	282,471	216,876	10,565	37,407	178,178	272,896	94,718	45.1	81.3		
	1904	3,158	57,892	3,073	5,753	49,066	164,637	115,665	6,118	24,469	91,604	150,528	58,929	27.1	62.0		
	1899	3,107	.....	.....	2,861	38,604	116,157	.....	63,655	2,919	16,912	54,388	92,894	.....	.....		
<b>MOUNTAIN:</b>																	
Montana.....	1909	677	13,694	659	1,380	11,655	90,492	44,588	2,054	10,901	49,180	73,272	24,002	30.1	10.3		
	1904	382	10,196	354	905	8,957	46,736	52,590	1,506	8,652	40,930	66,415	25,385	-9.1	28.9		
	1899	395	.....	.....	508	9,834	43,679	38,225	786	7,377	30,068	52,745	22,677	.....	.....		
Idaho.....	1909	725	9,969	831	858	8,220	42,804	32,477	984	5,498	9,920	22,460	12,480	168.5	155.4		
	1904	364	3,791	371	359	3,061	16,987	9,689	379	2,059	4,069	8,769	4,700	97.2	192.2		
	1899	287	.....	.....	92	1,552	5,640	2,130	66	818	1,439	3,001	1,562	.....	.....		
Wyoming.....	1909	268	3,393	263	263	2,867	7,628	6,195	311	2,081	2,608	6,249	3,641	56.3	77.4		
	1904	169	2,163	150	179	1,834	3,694	2,696	306	1,261	1,301	3,523	2,222	-11.0	7.8		
	1899	139	.....	.....	87	2,060	6,820	2,948	91	1,269	1,370	3,268	1,898	.....	.....		
Colorado.....	1909	2,034	34,115	1,722	4,326	28,067	154,615	102,668	5,648	19,912	80,491	130,944	49,553	28.7	29.9		
	1904	1,606	23,888	1,398	2,677	21,813	124,907	107,664	3,549	15,100	63,114	100,144	37,030	11.9	12.4		
	1899	1,323	.....	.....	1,870	10,498	43,434	58,173	2,659	11,708	60,751	89,068	28,317	.....	.....		
New Mexico.....	1909	313	4,766	288	335	4,143	15,465	7,743	583	2,591	3,261	7,898	4,637	19.1	38.4		
	1904	199	3,891	189	224	3,478	5,948	4,638	264	2,153	2,236	5,706	3,470	39.7	40.5		
	1899	174	.....	.....	88	2,490	3,658	2,161	91	1,199	1,999	4,061	2,062	.....	.....		
Arizona.....	1909	311	7,202	261	500	6,441	39,149	32,873	798	5,505	33,600	50,257	16,657	34.4	79.0		
	1904	169	5,217	153	201	4,753	21,412	14,396	472	3,969	14,945	28,083	13,498	53.3	37.4		
	1899	154	.....	.....	205	3,126	8,587	9,317	269	2,287	3,599	7,877	3,599	.....	.....		
Utah.....	1909	749	14,133	688	1,660	11,785	42,947	52,627	1,966	8,400	41,266	61,989	20,723	46.4	56.2		
	1904	606	9,650	619	979	8,032	19,397	26,004	1,039	5,138	24,040	38,927	13,987	48.8	116.5		
	1899	575	.....	.....	599	5,413	12,674	13,219	501	2,763	11,440	17,882	6,542	.....	.....		
Nevada.....	1909	177	2,659	137	256	2,257	7,765	9,806	378	1,982	8,366	11,887	3,521	181.4	283.9		
	1904	115	1,016	168	106	802	2,834	2,892	126	694	1,628	3,096	1,468	59.1	145.5		
	1899	99	.....	.....	37	594	1,561	1,251	34	553	662	1,361	599	.....	.....		
<b>PACIFIC:</b>																	
Washington.....	1909	3,674	80,118	3,264	7,734	69,120	297,897	222,261	9,827	49,766	117,888	220,746	162,858	52.0	71.4		
	1904	2,751	51,459	2,662	6,658	45,199	168,342	96,953	4,093	30,087	66,166	128,822	62,656	43.4	81.0		
	1899	1,926	.....	.....	2,103	31,523	87,601	41,575	2,064	17,005	38,277	70,831	32,554	.....	.....		
Oregon.....	1909	2,246	34,722	2,499	3,473	28,750	175,019	89,082	4,047	19,902	50,552	93,005	42,433	55.2	67.5		
	1904	1,602	22,018	1,726	1,769	18,523	81,348	44,623	2,133	11,443	30,597	55,525	24,928	28.1	51.7		
	1899	1,406	.....	.....	1,143	14,459	69,065	28,359	1,222	6,822	20,789	36,960	15,894	.....	.....		
California.....	1909	7,659	141,576	8,077	18,203	135,296	329,100	337,134	22,965	84,142	328,238	529,761	294,523	14.9	44.3		
	1904	6,839	120,049	7,402	12,283	100,555	210,359	282,647	14,396	64,637	215,726	367,218	215,726	30.9	42.7		
	1899	4,997	.....	.....	6,877	77,224	126,953	175,468	7,493	39,890	164,894	237,386	92,492	.....	.....		

\* Includes Indian Territory.



## CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899.

NOTE.—The figures for some cities do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the cities. Figures for 1904 and 1899 are available for cities which had between 5,000 and 10,000 inhabitants in 1900 and are included, but for cities having less than 5,000 inhabitants in 1900 comparative data are not available.

Table 113.

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
<b>ALABAMA:</b>												
Anniston.....	39	35	25	2,167	2,005	1,448	\$4,333	\$3,327	\$1,863	\$1,509	\$1,147	\$894
Bessemer.....	31			1,816			6,106			1,867		
Birmingham.....	248	122	109	8,999	9,387	3,490	24,128	7,993	8,999	10,118	3,644	4,619
Gradesen.....	27			786			1,553			621		
Mobile.....	126	139	113	2,362	2,496	2,371	5,429	4,942	3,486	2,490	2,620	1,944
Montgomery.....	73	59	52	2,284	1,940	1,528	5,443	3,878	2,944	4,230	1,089	1,229
Seina.....	35	36	32	813	668	699	2,382	1,139	1,419	787	512	657
<b>ARIZONA:</b>												
Phoenix.....	57			304			1,467			693		
Tucson.....	35			555			2,037			767		
<b>ARKANSAS:</b>												
Argenta.....	18			2,157			4,842			2,157		
Fort Smith.....	39			1,640		673	3,739		1,601	1,733		1,216
Hot Springs.....	71	22	21	885	339	84	844	597	191	541	309	106
Little Rock.....	125	104	62	2,017	1,971	1,397	6,882	4,690	3,379	2,808	2,131	1,600
Pine Bluff.....	42	34	37	1,118			2,387	2,500	1,541	1,033	1,079	752
<b>CALIFORNIA:</b>												
Alameda.....	51	30	23	915	279	372	2,534	697	1,335	1,625	464	547
Bakersfield.....	27			746			2,819			1,119		
Berkeley.....	84	44	22	1,084	338	211	4,435	1,474	651	1,748	692	299
Eureka.....	48			946			1,518			3,098		2,926
Fresno.....	70	80	62	1,038	1,515	819	11,090	9,754	2,752	1,048	692	1,048
Long Beach.....	51			277			927			429		
Los Angeles.....	1,325	1,034	737	17,327	10,434	7,173	68,886	48,814	15,713	27,773	17,786	12,664
Oakland.....	441	248	195	6,905	3,353	2,476	22,343	9,015	5,368	10,496	4,708	2,664
Pasadena.....	38	46	28	499	318	177	1,734	967	331	870	546	294
Pomona.....	30			147			560			330		
Redlands.....	37			147			518			279		
Riverside.....	53			267			1,179			511		
Sacramento.....	211	156	111	4,514	4,203	3,686	13,977	10,075	9,465	5,411	4,525	4,150
San Bernardino.....	43			729			1,670			897		
San Diego.....	117	89	57	1,071	541	255	1,741	1,974	670	5,074	638	489
San Francisco.....	1,796	2,231	1,729	4,430	38,429	32,222	133,481	137,784	107,924	104,624	81,322	38,362
San Jose.....	153	153	124	1,430	1,390	1,251	5,611	4,298	3,292	2,968	1,786	1,442
Santa Barbara.....	51			265			1,169			473		
Santa Cruz.....	34			274			1,161			383		
Stockton.....	154			1,594	1,333	1,185	11,849	8,030	5,525	3,529	2,180	1,538
Vallejo.....	33			203			1,896			492		
<b>COLORADO:</b>												
Colorado Springs.....	59	49	34	516	410	409	1,733	1,101	845	910	690	480
Cripple Creek.....	37			22	35	167	1,223	223	441	117	147	266
Denver.....	766	722	574	13,058	9,672	8,500	51,538	36,669	37,906	20,611	15,660	13,434
Lafayette.....	41	32	24	351	351	1,227	1,595	5,446	5,883	1,063	1,362	1,063
Pueblo.....	34	80	69	1,320	941	750	3,345	2,197	1,440	1,848	1,256	768
Trinidad.....	30			220			814			503		
<b>CONNECTICUT:</b>												
Bridgeport.....	53	49	49	4,127	3,394	3,288	20,088	19,132	18,515	5,477	3,824	3,539
Bridgport.....	367	306	286	25,775	19,492	17,038	63,669	44,586	34,536	27,662	22,252	16,249
Danbury.....	131	103	104	4,410	4,515	3,939	10,318	11,867	8,066	5,439	4,471	3,369
Hartford.....	396	340	322	14,627	11,221	10,677	40,680	25,974	23,829	22,817	14,887	12,460
Middletown.....	130	107	92	2,845	2,845	2,465	10,317	15,764	11,751	3,574	5,479	6,714
Middletown.....	58	65	60	2,434	2,318	2,465	4,955	4,341	4,152	2,012	1,788	1,799
Naugatuck borough.....	24	22	22	3,464	3,628	3,465	11,033	11,010	8,887	3,704	3,750	2,815
New Britain.....	111	95	82	1,513	1,673	1,619	22,611	14,963	11,066	13,693	9,292	6,549
New Haven.....	590	490	437	23,547	21,437	17,594	51,071	39,666	34,900	26,752	21,145	18,764
New London.....	70	57	54	2,225	2,554	1,963	4,483	4,710	4,221	1,952	1,834	1,369
Norwich.....	91	87	89	4,472	3,706	3,019	10,350	11,950	11,066	5,933	5,079	3,849
Stamford.....	86	62	49	3,984	3,341	2,445	8,739	5,890	3,920	5,035	3,660	2,239
Torrington borough.....	54	43	37	4,488	4,025	3,161	12,550	9,674	7,178	5,087	3,759	2,917
Waterbury.....	169	143	124	10,120	15,496	13,225	60,330	32,367	30,330	21,624	14,577	12,120
Willimantic.....	47	35	30	3,020	2,852	2,258	6,733	4,902	3,623	3,539	2,832	1,663
<b>DELAWARE:</b>												
Wilmington.....	261	245	202	14,663	13,508	14,498	38,069	30,285	30,587	16,093	12,164	12,711
<b>DISTRICT OF COLUMBIA:</b>												
Washington.....	518	482	491	7,707	6,999	6,155	25,289	18,359	16,426	15,042	10,627	8,951
<b>FLORIDA:</b>												
Jacksonville.....	114	125	74	1,988	2,699	1,238	6,722	5,340	1,799	2,725	2,550	993
Key West.....	56	73	53	2,431	2,466	1,809	3,965	4,234	3,088	2,322	2,448	1,837
Pensacola.....	69	39	32	961	1,066	819	1,795	1,337	1,066	1,008	1,147	863
Tampa.....	215	141	70	8,996	5,561	3,919	17,663	11,264	7,083	10,280	6,173	3,717
<b>GEORGIA:</b>												
Athens.....	37	28	27	962	509	589	2,112	1,158	678	783	403	364
Atlanta.....	483	294	196	12,302	11,891	7,966	33,038	25,746	14,419	16,620	12,305	6,976
Augusta.....	74	56	50	5,563	4,859	3,661	10,456	8,829	7,084	2,654	2,217	2,017
Brunswick.....	23	29	25	385	254	351	672	407	703	414	220	304
Columbus.....	55	52	58	4,661	4,434	4,116	8,552	7,080	5,062	2,990	2,796	2,105
Macon.....	80	81	84	3,729	3,661	3,483	6,431	7,297	5,463	3,863	3,144	2,580
Rome.....	36			1,014			1,894			786		
Savannah.....	137	122	82	2,727	3,290	2,349	6,734	6,340	3,750	3,385	3,066	1,942
Waycross.....	21			1,130			1,393			591		
<b>IDAH0:</b>												
Boise.....	50			411			1,641			766		

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

Table 113—Continued.

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
<b>ILLINOIS:</b>												
Alton.....	69	62	59	2,429	3,069	2,174	\$10,096	\$8,697	\$4,520	\$2,834	\$3,274	\$1,778
Aurora.....	165	163	97	5,095	5,949	3,949	10,954	7,529	6,828	5,573	5,791	3,046
Belleville.....	119	96	89	4,172	1,765	1,335	4,615	4,357	2,873	2,991	2,570	1,938
Bloomington.....	107	81	68	2,277	2,275	1,671	4,808	5,777	3,012	2,341	2,285	1,417
Caro.....	46	37	33	1,237	1,453	1,301	4,440	4,382	3,116	1,483	1,544	2,116
Canton.....	33	35	33	1,262	.....	.....	2,942	.....	.....	1,759	.....	.....
Champaign.....	42	35	33	273	289	245	846	886	354	427	288	222
Chicago.....	9,016	8,135	7,683	293,577	241,981	221,223	1,281,171	955,053	797,879	487,701	365,122	325,657
Chicago Heights.....	79	.....	.....	3,953	.....	.....	10,839	.....	.....	5,227	.....	.....
Cicero town <sup>1</sup> .....	7	.....	.....	658	.....	.....	1,461	.....	.....	1,728	.....	.....
Danville.....	76	70	72	1,744	1,884	1,927	9,313	3,394	1,914	1,921	1,639	867
Decatur.....	157	116	108	2,699	2,340	1,920	7,768	8,667	5,134	3,850	3,074	1,775
East St. Louis.....	159	91	58	5,252	4,563	3,106	18,228	10,586	6,241	6,788	4,890	2,563
Elgin.....	115	76	61	6,094	4,885	4,276	11,129	9,949	6,386	6,382	5,259	3,772
Evans-ton.....	60	33	27	837	738	400	3,178	2,551	830	1,428	968	468
Freeport.....	69	61	51	2,853	1,516	1,533	7,411	3,169	2,708	3,394	1,686	1,384
Galesburg.....	62	58	39	1,463	1,447	1,070	6,919	5,218	1,450	1,803	1,282	830
Jacksonville.....	57	55	55	947	899	1,066	2,299	1,982	1,684	962	880	834
Joliet.....	117	104	135	6,383	5,792	5,792	38,817	32,897	26,132	11,659	11,659	8,909
Kankakee.....	55	49	36	1,349	1,038	917	7,223	6,089	6,660	1,230	1,063	1,610
La Salle.....	29	24	26	1,295	1,197	917	3,017	3,158	3,309	2,340	1,280	912
Lincoln.....	49	39	36	6,226	2,286	1,888	3,770	784	375	580	280	219
Mattoon.....	35	34	39	948	1,022	632	4,434	1,309	764	765	787	474
Moline.....	66	62	55	5,449	3,987	4,138	20,892	13,158	9,302	9,703	6,263	4,708
Oak Park village.....	23	.....	.....	282	.....	.....	1,118	.....	.....	727	.....	.....
Ottawa.....	23	54	57	.....	1,127	.....	.....	2,078	1,738	.....	1,305	987
Peoria.....	283	263	291	5,981	5,834	5,926	63,661	60,420	44,569	45,288	44,585	31,584
Quincy.....	225	224	198	4,622	4,622	3,815	11,436	10,748	7,919	5,644	5,569	3,868
Rock Island.....	74	72	66	1,754	1,703	1,885	5,387	5,333	4,622	2,539	2,753	1,969
Rockford.....	205	180	159	9,369	7,289	5,851	22,206	15,276	11,684	11,684	7,210	4,820
Springfield.....	171	122	106	6,022	3,971	2,199	8,497	5,797	3,467	4,993	3,307	2,655
Streator.....	45	34	42	1,275	1,544	1,293	2,137	1,889	1,245	1,320	1,305	883
Waukegan.....	39	41	32	3,090	825	465	19,984	3,962	3,363	5,820	1,004	395
<b>INDIANA:</b>												
Anderson.....	116	102	96	4,393	3,079	3,537	13,765	8,181	8,296	5,638	3,321	3,856
East Chicago.....	16	.....	.....	2,370	.....	.....	2,483	.....	.....	2	.....	.....
Elkhart.....	69	58	57	3,010	2,265	2,123	6,932	4,315	3,933	3,911	2,329	2,671
Elwood.....	57	32	46	2,073	1,779	2,745	8,408	6,146	6,453	2,159	1,714	2,678
Evansville.....	299	299	299	8,997	8,284	8,284	22,929	18,691	12,658	10,132	6,029	4,326
Fort Wayne.....	236	193	178	10,298	7,729	5,619	23,687	18,111	11,263	12,272	6,992	5,251
Hammond.....	49	38	23	3,841	1,548	1,659	15,850	10,261	25,870	8,929	5,125	4,868
Huntington.....	53	59	59	276	311	311	1,298	2,011	1,723	1,098	785	785
Indianapolis.....	855	810	697	31,815	26,725	20,995	126,522	82,228	59,322	42,371	30,465	21,635
Jeffersonville.....	35	35	35	1,716	1,492	1,616	5,456	4,526	3,779	3,653	2,693	2,026
Kokomo.....	72	61	62	2,651	1,917	1,355	5,451	3,651	2,052	2,469	2,057	1,652
Lafayette.....	69	80	85	1,660	1,786	1,343	5,342	4,631	3,514	2,096	1,928	1,524
Laporte.....	41	.....	.....	1,674	.....	.....	3,372	.....	.....	2,158	.....	.....
Leansport.....	68	61	68	2,169	1,720	2,310	2,956	2,160	2,100	2,219	1,394	1,074
Marion.....	99	96	81	2,269	2,219	2,843	4,442	4,034	4,593	2,118	2,296	2,394
Michigan City.....	48	52	41	2,887	3,146	2,912	8,290	6,314	6,032	2,925	2,534	2,071
Mishawaka.....	42	.....	.....	3,445	.....	.....	10,883	.....	.....	5,613	.....	.....
Muncie.....	102	97	90	4,633	2,855	3,848	9,684	5,801	7,042	4,210	2,571	3,194
New Albany.....	165	93	95	1,916	2,240	2,137	5,608	8,335	6,538	1,667	1,794	1,522
Peru.....	31	43	39	619	912	1,136	1,697	1,343	1,338	615	718	667
Richmond.....	107	98	88	3,421	2,970	2,688	10,374	6,732	4,754	5,256	3,731	2,523
South Bend.....	218	156	131	11,789	8,997	7,678	27,854	13,360	12,960	12,610	7,010	6,119
Terre Haute.....	170	178	143	4,359	4,044	4,679	21,783	18,008	26,296	13,136	10,361	19,927
Vincennes.....	84	62	48	1,233	1,354	906	4,234	3,029	1,979	1,818	1,288	1,038
<b>IOWA:</b>												
Boone.....	34	34	38	520	267	465	8,852	7,014	639	399	415	310
Burlington.....	128	160	125	4,100	2,915	2,654	8,443	5,779	4,450	3,798	3,073	2,008
Cedar Rapids.....	153	134	89	3,565	3,259	8,274	24,824	16,280	11,336	6,174	4,000	2,673
Clinton.....	69	83	81	2,414	2,183	2,302	7,490	4,906	6,203	2,830	2,260	2,293
Council Bluffs.....	101	.....	.....	1,004	1,004	749	3,624	1,694	1,814	1,814	994	978
Davenport.....	232	173	163	4,231	3,540	3,403	18,802	13,096	9,787	7,231	4,837	3,815
Des Moines.....	357	293	211	5,383	4,152	2,479	15,085	10,897	10,620	6,444	4,426	3,266
Dubuque.....	106	156	161	5,168	4,274	4,658	15,976	9,279	6,653	6,246	3,653	4,292
Fort Dodge.....	44	42	30	1,115	961	390	2,975	3,026	1,006	1,118	1,324	327
Iowa City.....	.....	.....	.....	845	.....	.....	4,645	.....	.....	1,165	.....	.....
Keokuk.....	91	80	88	1,541	1,333	1,362	7,399	4,226	3,049	2,715	1,992	1,458
Marshalltown.....	49	44	44	1,365	888	1,112	4,822	3,090	3,667	1,683	850	1,161
Mason City.....	.....	.....	.....	907	.....	.....	1,881	.....	.....	1,085	.....	.....
Muscatine.....	113	107	105	3,496	2,763	2,829	6,166	5,040	5,230	3,428	2,625	1,785
Ottumwa.....	93	62	61	2,650	2,304	1,830	14,838	10,374	6,883	6,672	1,841	1,703
Sioux City.....	136	.....	.....	2,550	.....	.....	17,037	14,227	14,227	7,037	3,953	2,957
Waterloo.....	108	90	55	3,124	1,674	804	8,999	4,694	2,088	4,357	1,945	745
<b>KANSAS:</b>												
Atchison.....	68	60	39	824	798	583	4,405	3,829	2,093	1,268	873	591
Coffeyville.....	.....	.....	.....	1,069	244	.....	4,752	786	714	1,260	.....	.....
Fort Scott.....	36	46	33	2,066	2,410	3,809	1,841	.....	.....	1,290	.....	335
Galeton.....	.....	.....	.....	.....	130	114	.....	797	421	.....	109	105
Hutchinson.....	67	44	42	667	510	536	3,614	2,631	1,541	.....	644	508
Independence.....	31	.....	.....	282	.....	.....	.....	.....	.....	365	.....	.....
Kansas City.....	105	100	114	12,294	10,329	9,843	164,081	96,473	80,023	19,091	12,590	11,148
Lawrence.....	49	39	49	1,222	409	662	1,653	658	1,229	697	509	478
Leavenworth.....	79	89	39	1,311	1,324	1,141	3,875	4,152	3,251	1,677	1,564	1,210
Parsons.....	25	.....	.....	1,130	.....	.....	1,626	.....	.....	1,891	.....	.....
Pittsburg.....	69	34	35	973	915	872	1,817	1,464	1,434	1,061	848	523
Turkay.....	292	154	145	4,244	3,953	2,854	17,821	14,449	8,357	5,562	4,216	3,029
Wichita.....	225	110	103	2,783	1,262	863	22,564	7,390	3,329	5,579	1,963	974

<sup>1</sup> While the population for 1900 was in excess of 10,000, statistics for that census are not available.

<sup>2</sup> Does not include statistics for Gary.

## STATES, CITIES, AND INDUSTRIES.

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CITIES OF 10,000 INHABITORS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
<b>KENTUCKY:</b>												
Covington	106	199	204	3,942	3,703	3,212	\$8,712	\$6,100	\$5,479	\$4,241	\$3,490	\$2,967
Frankfort	31	30	34	237	261	261	3,083	1,747	1,527	1,115	614	498
Henderson	43	34	26	1,088	459	352	2,922	1,365	1,032	1,210	603	411
Lexington	85	84	88	1,032	1,114	797	2,831	2,775	1,889	1,602	1,389	903
Louisville	963	842	860	27,023	24,983	22,062	101,284	83,294	66,110	47,156	37,322	31,254
Newport	144	105	134	2,632	1,958	1,955	4,691	5,231	3,549	3,125	2,075	2,075
Owensboro	69	60	51	1,064	1,392	890	3,505	3,319	1,740	1,233	1,504	825
Faducnah	01	84	70	2,413	2,841	2,061	4,967	4,443	2,977	2,619	2,598	1,642
<b>LOUISIANA:</b>												
Alexandria	30	.....	.....	513	.....	.....	1,279	.....	.....	681	.....	.....
Baton Rouge	33	37	13	357	620	329	636	1,383	718	322	785	331
Lake Charles	33	.....	.....	736	.....	.....	2,251	.....	.....	962	.....	.....
Monroe	33	.....	.....	1,850	.....	.....	1,855	.....	.....	1,258	.....	.....
New Orleans	838	690	688	17,186	17,468	16,185	78,794	81,411	57,446	30,062	22,583	17,061
Shreveport	01	63	46	1,114	1,162	736	3,643	2,838	1,556	1,534	1,554	654
<b>MAINE:</b>												
Auburn	83	72	67	3,452	2,652	2,740	8,843	6,407	6,965	3,053	1,990	1,678
Augusta	40	44	52	2,096	1,860	2,018	4,662	5,867	3,313	2,178	2,000	2,101
Bangor	122	87	101	1,327	1,496	1,511	3,346	3,408	3,336	1,499	1,671	1,431
Bath	43	46	54	1,920	2,062	2,097	3,654	3,699	3,699	1,672	1,759	1,759
Biddford	43	33	39	3,076	4,764	4,764	9,012	8,949	8,949	4,114	2,813	2,346
Lewiston	83	81	84	6,788	6,167	6,677	10,473	8,528	7,779	5,200	3,811	4,061
Portland	271	243	234	4,962	4,343	3,763	11,568	9,133	7,384	5,941	4,771	3,731
Waterville	33	40	29	1,812	2,011	1,569	3,179	3,669	2,284	1,944	1,290	1,528
<b>MARYLAND:</b>												
Baltimore	2,502	2,158	2,274	71,444	65,050	66,571	186,978	150,171	135,108	79,954	69,616	59,585
Cumharland	71	72	56	1,936	2,276	1,643	4,534	4,595	2,900	1,858	1,917	1,236
Fredrick	55	54	1,018	1,038	1,038	1,038	2,811	1,838	2,081	1,438	1,836	1,319
Hagerstown	76	67	1,718	2,210	1,513	3,197	3,627	3,627	3,627	1,999	1,370	2,211
<b>MASSACHUSETTS:</b>												
Adams town	41	23	26	3,991	3,994	3,122	6,410	5,492	3,294	3,828	2,804	2,181
Amington town	19	18	12	283	269	189	663	669	386	384	267	144
Attleborough town	128	108	108	5,629	5,044	4,813	15,723	15,723	10,847	8,347	5,529	4,655
Beverly	68	71	73	4,487	2,063	2,275	8,653	4,101	3,781	5,302	1,778	1,832
Boston	3,155	2,747	2,878	69,637	59,160	52,833	227,457	184,351	162,765	112,880	89,748	80,470
Brockton	100	100	100	11,206	13,883	13,883	45,972	37,704	37,704	17,528	9,229	9,229
Brookline town	16	13	8	340	495	324	532	332	485	346	462	266
Cambridge	275	262	245	15,290	14,386	11,070	44,227	42,407	29,092	20,661	17,290	12,319
Chelsea	110	130	140	5,654	4,939	2,959	17,053	15,879	9,219	6,434	5,127	4,058
Chicopee	58	40	46	7,260	4,670	4,085	19,219	7,716	5,389	8,267	3,386	2,689
Clinton town	39	35	22	4,123	3,482	3,836	7,845	5,458	5,043	3,029	2,030	2,328
Everett	62	51	52	2,180	2,186	1,877	8,747	6,136	4,457	4,241	3,013	1,993
Fall River	288	234	240	37,139	26,388	30,646	64,146	43,473	39,163	28,622	17,377	21,033
Fitchburg	122	107	115	8,467	6,496	6,218	23,222	15,391	13,008	8,810	3,970	5,228
Franklin town	27	36	34	3,069	2,484	2,097	9,017	4,174	3,047	3,046	1,657	1,315
Gardner town	52	50	46	3,617	3,168	2,896	6,485	5,019	4,386	3,052	2,449	2,162
Glocester	102	132	137	2,181	1,763	3,467	7,733	6,921	6,293	2,983	2,229	2,101
Greenfield town	47	.....	.....	1,251	.....	.....	2,901	.....	.....	1,767	.....	.....
Haverhill	346	320	390	11,889	9,574	9,761	35,377	24,447	23,419	13,691	10,190	10,425
Holyoke	187	179	138	16,513	14,685	12,519	49,097	39,721	24,053	17,796	14,132	11,827
Hyde Park town	40	40	33	4,320	3,991	2,483	7,336	5,289	4,384	3,385	3,158	1,877
Lawrence	162	187	167	30,542	21,910	20,899	79,956	49,037	41,742	34,555	18,621	16,900
Lynn	64	65	70	5,401	4,127	4,127	10,351	7,902	5,397	4,955	3,338	2,626
Lynnaminster town	320	256	266	32,525	29,303	27,254	46,749	41,233	37,440	27,400	19,968	20,924
Lyons	431	431	423	27,368	21,540	16,377	71,338	55,003	39,347	30,142	22,387	14,876
Malden	86	59	59	9,500	2,416	2,416	8,206	11,236	6,642	3,618	7,191	25,515
Marlborough	59	46	50	4,265	3,479	2,929	10,984	7,449	6,498	4,007	3,863	1,664
Medford	40	37	36	560	484	575	2,045	872	1,132	795	486	562
Melrose	25	24	16	1,028	1,571	1,180	2,825	9,451	3,410	1,230	536	560
Methuen town	19	.....	.....	1,372	.....	.....	3,476	.....	.....	1,200	.....	.....
Milford town	53	44	50	1,801	1,782	1,357	4,442	3,390	2,552	2,053	1,614	1,086
New Bedford	267	176	171	26,566	17,855	15,263	53,228	29,469	28,297	24,674	13,571	11,614
Newburyport	74	69	64	3,215	2,955	2,891	6,810	5,141	4,810	3,150	2,840	2,040
Newton	46	48	45	2,174	1,895	1,823	6,279	4,141	3,679	2,896	1,899	1,785
North Adams	38	38	32	4,657	3,802	3,637	10,741	8,009	5,741	4,539	3,084	2,608
Northampton	71	77	66	3,150	2,963	2,635	6,999	5,986	5,700	3,769	2,714	2,607
Peabody town	74	76	86	8,850	3,933	2,661	15,549	10,237	6,944	5,437	3,489	1,870
Pittsfield	114	124	124	4,434	4,433	4,433	13,355	8,577	6,754	4,687	3,193	2,429
Plymouth town	32	36	27	2,912	2,300	2,111	11,618	11,116	5,930	3,143	1,968	1,968
Quincy	193	161	153	5,462	5,371	2,128	10,505	8,962	6,012	6,661	5,278	2,103
Rivers town	14	12	12	401	125	87	1,067	635	186	615	106	106
Salem	155	143	162	6,328	5,945	5,625	14,376	12,202	7,012	5,936	4,281	4,127
Somerville	114	78	85	5,280	3,474	3,528	38,687	22,955	20,065	6,764	3,749	3,344
Southbridge town	36	36	32	4,657	4,225	3,937	12,889	8,209	5,142	3,144	1,922	2,040
Springfield	346	296	275	11,855	10,523	8,132	31,773	23,860	19,165	17,410	13,480	9,283
Taunton	146	127	114	7,407	6,708	6,390	15,580	13,643	11,544	7,605	5,928	6,004
Wakfield town	23	23	22	2,520	1,804	1,436	8,027	4,867	4,092	2,754	1,942	1,759
Waltham	80	60	74	6,037	6,208	4,811	17,819	7,150	5,890	5,370	3,983	4,004
Ware town	25	20	27	4,335	3,322	1,935	11,546	15,355	5,330	5,083	9,996	1,831
Wester town	23	23	23	3,469	3,107	2,877	8,868	8,868	5,877	4,676	3,662	2,346
Wetfield town	91	86	97	3,060	2,634	2,370	7,362	5,818	4,431	4,494	3,567	3,366
Weymouth town	41	46	31	1,991	1,841	1,322	6,627	4,922	5,389	2,423	1,924	1,224
Winthrop town	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whorn	59	52	47	1,633	1,482	1,366	5,008	4,654	4,033	2,294	1,486	1,211
Worcester	580	470	465	28,221	22,796	22,593	77,148	52,145	46,793	34,347	25,134	23,223

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
<b>MICHIGAN:</b>												
Adrian	80	65	63	1,059	1,502	1,630	\$6,085	\$4,397	\$2,125	\$1,935	\$2,068	\$1,227
Ann Arbor	58	57	46	1,432	1,245	1,202	5,964	2,905	2,273	1,663	1,220	997
Battle Creek	63	65	71	573	569	623	1,866	1,386	1,377	985	812	592
Bay City	105	120	75	4,173	3,389	2,651	20,174	12,298	6,501	13,106	8,314	4,201
Detroit	2,636	1,362	1,259	81,011	48,483	36,373	232,292	138,247	88,369	4,647	8,861	3,776
Escanaba	39	34	26	730	949	520	1,074	1,333	610	710	929	860
Flint	104	70	63	7,685	5,161	1,980	17,177	4,713	10,147	2,498	1,959	1,859
Grand Rapids	524	388	382	17,590	15,514	12,923	42,231	20,690	22,229	22,495	16,288	11,168
Holland	59	—	—	1,940	—	—	4,622	—	—	2,038	—	—
Ironwood	14	13	14	201	87	93	—	202	145	176	124	90
Ishpeming	19	15	14	66	73	80	132	247	195	80	105	100
Jackson	109	147	117	4,797	3,967	3,475	14,006	5,348	6,710	5,986	4,076	2,902
Kalamazoo	183	157	129	6,773	5,666	4,970	13,142	7,186	8,399	6,246	3,265	2,260
Lansing	169	98	74	5,285	2,982	1,716	16,567	6,887	2,942	7,763	4,410	3,110
Marquette	54	47	56	2,125	2,084	2,103	3,344	3,257	3,625	2,055	1,983	2,249
Marquette	34	31	29	498	738	586	1,284	2,364	1,588	988	972	772
Menominee	32	45	38	1,700	1,489	1,703	3,728	2,974	4,076	2,071	1,601	2,239
Muskegon	101	70	67	4,322	3,078	3,078	9,646	6,319	4,328	4,710	2,793	2,259
Pontiac	42	47	47	1,739	1,296	1,002	5,894	4,047	4,412	2,654	3,312	869
Port Huron	82	74	78	1,580	2,136	2,626	3,588	3,715	3,627	1,639	1,908	1,875
Saginaw	203	179	184	5,990	4,445	4,205	18,833	10,079	8,653	8,424	4,712	3,569
Sault Ste. Marie	37	38	33	1,005	892	612	4,619	2,432	2,486	1,496	985	449
Traverse City	61	46	36	1,220	1,108	909	6,289	2,177	1,201	1,106	1,079	666
<b>MINNESOTA:</b>												
Duluth	194	163	126	6,083	3,987	3,658	17,180	10,139	7,811	8,336	5,505	4,152
Mankato	53	54	47	807	724	529	3,723	3,422	1,887	948	808	532
Minneapolis	1,102	876	789	26,962	21,671	19,620	165,405	121,163	94,408	45,412	32,281	25,498
St. Cloud	69	39	30	626	414	307	2,299	1,900	1,561	957	583	484
St. Paul	719	614	537	19,339	14,363	13,019	83,619	38,519	30,056	28,554	19,311	14,141
Stillwater	38	36	32	688	955	829	2,686	2,784	1,801	1,058	1,300	751
Virginia	21	—	—	188	—	—	519	—	—	367	—	—
Winnona	99	86	72	2,032	1,933	1,965	11,199	7,820	6,013	3,859	2,576	2,012
<b>MISSISSIPPI:</b>												
Hattiesburg	29	—	—	648	—	—	1,251	—	—	626	—	—
Jackson	45	—	—	799	—	—	3,113	—	—	1,145	—	—
Meridian	54	53	42	1,234	1,346	814	4,238	3,267	1,924	1,764	3,215	809
Natchez	27	24	16	428	314	648	1,114	820	1,115	422	317	244
Vicksburg	47	32	24	2,202	1,031	987	2,259	1,888	1,368	1,081	885	652
<b>MISSOURI:</b>												
Hannibal	66	58	66	2,445	1,811	1,238	6,195	3,564	2,099	1,879	1,408	964
Jefferson City	35	45	41	1,336	262	299	5,446	3,927	3,061	1,794	1,440	920
Joplin	56	56	45	830	689	570	3,046	3,046	2,355	1,644	719	719
Kansas City	962	612	585	14,643	11,039	9,699	51,794	35,573	25,588	23,742	16,048	11,057
Moberly	31	28	32	493	493	493	1,874	801	792	892	832	432
St. Joseph	204	219	184	5,390	4,663	5,095	17,626	11,574	11,362	6,373	4,754	4,420
St. Louis	2,667	2,482	2,646	87,371	82,698	64,832	328,493	207,307	193,733	140,306	129,567	91,985
Sedalia	73	50	57	935	974	909	2,335	1,692	1,283	1,117	867	698
Springfield	108	82	31	2,133	1,158	1,121	5,382	2,503	3,434	2,334	1,901	1,443
Webb City	25	19	12	170	138	126	777	638	554	264	243	140
<b>MONTANA:</b>												
Anaconda	13	—	—	97	—	—	591	—	—	434	—	—
Billings	37	36	45	226	226	226	1,245	—	—	856	—	—
Butte	66	54	56	662	478	411	2,464	1,760	1,517	1,517	1,192	739
Helena	44	34	27	420	349	264	1,203	1,163	776	810	735	490
Missoula	36	—	—	438	—	—	1,071	—	—	789	—	—
<b>NEBRASKA:</b>												
Grand Island	44	—	—	616	—	—	1,837	—	—	836	—	—
Lincoln	167	128	81	2,149	1,617	1,104	7,010	5,222	2,764	3,266	2,531	1,168
Omaha	432	318	307	8,025	5,822	5,276	60,854	54,004	38,074	17,439	11,111	18,186
South Omaha	71	41	41	6,366	3,622	3,622	32,436	17,415	69,509	14,763	8,222	8,491
<b>NEVADA:</b>												
Reno	40	—	—	310	—	—	1,862	—	—	691	—	—
<b>NEW HAMPSHIRE:</b>												
Berlin	20	17	17	1,790	2,282	2,810	5,897	5,898	5,985	2,243	2,324	2,874
Concord	111	80	86	2,693	2,654	2,432	6,477	5,374	4,211	2,943	2,543	2,123
Dover	33	41	40	3,030	2,859	2,797	4,709	6,043	5,440	3,134	2,713	2,167
Kennebec	64	50	57	1,769	1,685	1,576	3,483	2,091	2,584	1,646	1,314	1,138
Lebanon	43	55	53	2,146	1,957	1,335	3,818	3,697	2,162	1,805	1,577	968
Manchester	175	115	107	24,765	17,579	17,579	46,312	30,642	24,628	26,627	13,980	10,862
Nashua	104	78	72	7,312	6,159	5,777	17,326	12,908	10,096	6,947	4,375	3,970
Portsmouth	36	27	38	992	638	1,323	2,871	2,602	3,961	1,510	1,714	2,086
<b>NEW JERSEY:</b>												
Asbury Park	27	—	—	264	—	—	602	—	—	308	—	—
Atlantic City	94	62	36	729	381	305	2,299	975	608	1,129	610	327
Bayonne	97	88	63	7,519	7,057	4,670	73,641	60,634	38,601	14,709	13,650	4,807
Hoboken	45	33	39	2,957	1,893	1,612	5,895	4,645	3,571	3,294	2,895	1,862
Bridgeport	74	61	60	2,387	2,276	2,132	4,739	2,904	2,259	2,034	1,723	1,126
Camden	365	298	322	16,327	12,661	7,742	49,138	33,587	17,970	21,754	13,154	7,528
East Orange	42	17	17	1,386	1,386	690	3,825	2,327	2,687	1,887	1,176	1,176
Elizabeth	122	124	142	12,737	12,305	9,498	29,147	29,301	22,861	12,718	12,320	9,948
Garfield borough	—	—	—	2,330	—	—	8,894	—	—	2,919	—	—
Irvington	49	31	21	738	812	487	1,975	1,488	782	1,075	801	411
Hackensack town	54	41	41	6,500	4,040	2,859	13,142	8,409	6,087	4,780	2,885	2,885
Harrison town	244	279	194	8,100	7,227	5,712	20,413	14,077	10,483	10,944	7,497	5,457
Hoboken	51	—	—	589	—	—	3,018	—	—	675	—	—
Irvington town	—	—	—	—	—	—	—	—	—	—	—	—

\* Does not include statistics for Great Falls.

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
<b>NEW JERSEY—Continued.</b>												
Jersey City.....	745	628	536	25,454	20,353	17,391	\$128,775	\$75,741	\$72,500	\$39,458	\$26,492	\$22,664
Kearytown.....	18	11	16	2,820	1,303	986	8,306	4,428	1,907	3,043	1,225	122
Long Branch.....	34	29	11	415	294	96	1,117	577	281	5,533	3,170	1,772
Millican town.....	39	35	18	2,701	2,767	2,203	4,182	3,719	2,514	2,383	2,335	1,505
Montclair town.....	23	19	23	252	151	169	1,026	621	664	337	302	278
Morris town.....	31	26	22	201	207	252	724	705	599	355	406	286
New Brunswick.....	95	71	72	5,294	4,580	3,836	10,005	8,917	5,791	5,456	4,759	2,977
Newark.....	1,858	1,600	1,523	59,555	50,997	42,878	202,511	150,655	112,728	87,832	60,365	51,556
Orange.....	85	66	74	4,383	2,560	1,649	9,176	6,151	2,999	5,488	3,509	1,416
Parsippany.....	160	95	70	15,085	11,900	6,399	41,729	22,783	12,935	17,394	9,673	3,387
Paterson.....	702	513	457	32,004	28,599	28,542	69,584	54,673	48,502	34,856	27,232	23,447
Perth Amboy.....	80	53	47	5,866	3,650	2,005	73,093	34,800	14,061	9,161	4,484	2,414
Phillipsburg town.....	36	32	34	2,352	2,216	2,162	5,580	6,684	4,585	4,389	3,118	1,752
Plainfield.....	60	49	32	1,758	1,986	1,354	3,649	3,572	2,437	2,119	2,418	1,624
Trenton.....	340	311	295	18,543	14,130	13,138	49,699	32,320	28,458	21,335	14,879	11,877
Union town.....	83	77	72	2,599	1,856	1,376	7,941	3,512	3,403	4,402	2,120	1,995
West Hoboken town.....	137	95	65	2,782	3,562	2,733	5,577	5,947	4,769	3,899	2,825	2,240
West New York town.....	66	66	1	1,508	.....	.....	9,274	.....	.....	1,085	.....	.....
West Orange town.....	10	.....	.....	475	.....	.....	748	.....	.....	349	.....	.....
<b>NEW MEXICO</b>												
Albuquerque.....	31	.....	.....	587	.....	.....	1,288	.....	.....	704	.....	.....
<b>NEW YORK.</b>												
Albany.....	393	490	511	9,861	8,976	8,106	22,826	20,209	17,269	12,305	10,822	9,762
Amsterdam.....	97	89	98	10,284	7,993	6,261	22,449	15,067	10,643	9,254	6,154	4,633
Auburn.....	140	111	129	6,497	6,650	6,985	15,961	13,421	9,575	7,624	5,176	4,353
Batavia village.....	59	51	54	2,007	1,603	1,723	4,401	3,889	2,763	2,629	1,937	1,507
Binghamton.....	266	241	219	6,822	5,636	5,071	11,114	13,907	10,439	8,388	7,498	5,177
Buffalo.....	1,751	1,538	1,478	81,412	43,567	34,225	216,801	147,378	105,627	82,266	59,011	49,388
Cohoes.....	203	181	182	8,209	8,273	8,273	14,311	10,249	11,031	6,656	5,906	5,106
Corning.....	45	57	49	2,074	2,355	1,600	3,030	3,084	2,273	2,186	2,009	1,333
Elmira.....	35	32	34	3,596	2,882	2,442	6,385	4,574	3,964	2,821	1,976	2,208
Franklin.....	53	53	53	2,358	2,323	2,323	4,908	4,226	3,848	2,868	2,119	2,119
Dunkirk.....	37	38	41	2,756	3,305	3,305	3,305	3,305	3,305	3,305	3,305	3,305
Elmira.....	154	142	144	3,647	3,208	3,570	8,067	6,308	6,597	4,477	3,307	2,695
Fulton.....	45	47	52	873	873	801	1,929	2,089	1,501	1,080	1,261	845
Geneva.....	56	54	49	1,526	1,580	1,180	5,154	4,932	2,716	2,103	1,956	1,066
Glens Falls.....	68	49	57	2,774	2,652	3,101	1,877	2,825	2,994	2,568	1,533	1,125
Hamilton.....	187	180	185	5,741	5,948	5,741	14,715	13,241	9,070	6,489	4,089	3,816
Hornell.....	45	45	48	2,183	2,900	1,549	3,648	3,163	2,431	1,770	1,699	1,132
Hudson.....	45	48	45	1,302	1,524	1,132	3,506	4,116	2,094	1,443	2,038	1,379
Jamaica.....	81	67	62	873	873	801	1,929	2,089	1,501	1,080	1,261	845
Jamestown.....	156	149	108	6,789	5,237	4,528	14,720	10,350	7,731	7,336	6,099	3,970
Johnstown.....	138	100	115	2,589	2,426	3,695	6,574	4,543	5,123	2,649	1,882	2,138
Kingston.....	99	96	109	3,281	2,636	2,942	5,986	4,812	3,352	3,494	2,700	2,049
Little Falls.....	55	49	52	2,111	2,621	2,980	8,490	4,471	4,071	3,537	1,938	1,838
Lockport.....	109	109	124	2,138	2,323	2,359	8,168	5,808	5,553	2,818	2,492	2,256
Middletown.....	59	59	51	1,733	1,596	1,396	4,638	3,356	2,155	2,753	1,400	830
Mount Vernon.....	90	54	37	1,207	670	438	3,376	1,877	910	2,090	1,092	582
Newburgh.....	104	79	93	3,444	4,013	3,074	9,928	7,039	5,538	5,085	3,760	2,710
New Rochelle.....	42	28	35	735	917	108	1,669	1,103	508	855	541	259
New York.....	25,938	20,839	19,243	554,002	404,716	388,386	2,029,693	1,526,521	1,172,870	937,538	708,494	538,660
Niagara Falls.....	136	85	93	6,089	4,574	2,840	26,652	16,916	8,549	14,381	7,724	3,652
North Tonawanda.....	81	38	34	2,824	2,055	1,636	9,660	6,469	6,294	2,211	1,965	2,050
Ogdensburg.....	75	55	74	1,859	929	849	4,948	3,057	2,261	1,440	794	740
Oran.....	54	41	47	2,259	1,175	1,793	10,005	4,677	6,210	2,277	1,380	1,305
Oswego village.....	34	.....	.....	856	.....	.....	3,329	.....	.....	692	.....	.....
Oswego.....	81	77	75	3,817	3,746	3,457	10,413	7,592	7,487	4,310	2,875	3,175
Pesckville village.....	32	46	37	2,055	1,957	1,281	7,883	7,202	1,783	4,946	4,970	1,022
Plattsburg.....	41	39	39	1,949	1,730	1,621	4,137	1,057	1,043	1,392	247	319
Port Chester village.....	34	.....	.....	2,122	.....	.....	6,243	.....	.....	1,690	.....	.....
Poughkeeps.....	133	108	118	3,249	3,775	2,810	9,131	7,207	5,576	5,252	3,674	2,995
Rensselaer.....	33	.....	.....	763	.....	.....	2,296	.....	.....	1,130	.....	.....
Rochester.....	1,203	1,109	1,221	39,108	31,779	28,409	112,676	81,109	59,669	62,002	43,191	31,324
Rome.....	119	89	87	3,633	3,299	2,274	14,423	8,631	5,549	4,219	2,837	2,087
Saratoga Springs village.....	36	35	44	833	906	602	1,709	1,602	1,354	1,454	1,100	656
Schenectady.....	134	103	83	14,931	14,130	8,949	38,165	33,084	17,605	16,213	16,587	7,680
Syracuse.....	738	637	638	48,188	44,548	41,805	49,185	40,654	26,546	21,659	18,695	15,939
Troy.....	363	311	327	20,020	19,114	22,933	37,980	31,861	28,739	25,554	18,115	17,277
Utica.....	317	333	311	13,153	10,882	8,898	31,199	22,880	16,479	14,553	10,106	8,285
Watertown.....	107	85	91	3,291	3,620	3,223	5,527	6,888	4,766	6,888	3,809	3,180
Watervliet.....	36	36	41	753	1,111	1,000	1,697	1,738	1,507	833	899	774
White Plains village.....	33	.....	.....	249	.....	.....	816	.....	.....	444	.....	.....
Yonkers.....	138	106	107	12,711	9,770	7,555	59,354	33,549	17,304	16,132	10,219	7,762
<b>NORTH CAROLINA:</b>												
Ashville.....	52	45	37	984	722	804	3,250	1,918	1,300	935	671	479
Charlotte.....	108	73	37	4,199	2,234	2,787	10,460	4,850	4,187	3,929	1,981	1,583
Durham.....	61	.....	.....	3,718	.....	.....	23,271	.....	.....	15,461	.....	.....
Greensboro.....	67	.....	.....	3,068	.....	.....	17,745	.....	.....	9,625	.....	.....
Raleigh.....	55	42	39	1,623	585	549	2,376	1,087	947	1,100	1,037	814
Wilmington.....	64	53	50	1,213	1,594	1,553	3,005	2,904	2,983	1,102	1,189	861
Winston.....	32	47	39	6,708	4,850	2,894	16,778	11,353	9,882	5,882	3,710	3,225
<b>NORTH DAKOTA:</b>												
Fargo.....	61	47	36	510	386	307	2,477	1,161	1,231	1,047	606	445
Grand Forks.....	38	.....	.....	350	.....	.....	1,910	.....	.....	659	.....	.....

Does not include statistics for Laekawanna.

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
<b>OHIO:</b>												
Akron.....	246	186	178	15,831	9,626	5,229	\$75,158	\$33,559	\$22,010	\$30,087	\$13,149	\$9,296
Alliance.....	44	39	39	2,524	1,442	1,486	6,135	3,547	5,203	1,684	1,555	1,555
Ashtabula.....	44	36	29	1,471	846	373	3,459	1,895	884	1,375	899	372
Belleaire.....	36	37	30	2,597	2,183	1,928	10,091	10,712	8,838	2,932	3,396	2,851
Cambridge.....	32	34	28	1,226	814	768	4,251	2,441	2,202	1,154	921	885
Canton.....	204	158	164	9,964	5,938	5,189	28,583	10,591	9,575	13,939	5,997	5,226
Chillicothe.....	57	64	46	1,674	1,553	1,112	4,345	3,147	1,616	1,307	719	738
Cincinnati.....	2,184	2,171	2,454	56,864	34,728	30,641	519,924	166,059	144,878	92,584	83,801	70,287
Cleveland.....	2,148	1,616	1,350	84,728	64,941	55,341	271,961	171,924	139,356	117,046	74,346	62,891
Columbus.....	586	459	408	16,428	14,350	13,787	49,032	39,530	34,748	23,328	20,286	16,496
Dayton.....	613	463	416	3,204	1,921	1,629	62,173	39,507	31,073	18,653	13,622	11,371
East Liverpool.....	82	81	75	4,873	5,228	4,171	6,629	6,437	4,749	4,108	4,330	3,286
Elyria.....	58	50	32	2,673	1,144	1,038	8,065	3,801	1,221	3,570	1,338	481
Findlay.....	74	71	60	1,376	1,343	1,107	3,482	2,925	1,686	3,046	1,946	1,486
Hamilton.....	123	113	97	6,893	6,107	5,147	18,184	13,811	10,656	8,544	7,427	5,653
Ironton.....	63	57	53	1,926	1,800	1,577	7,118	4,755	5,411	2,124	1,332	2,246
Lancaster.....	42	42	39	1,332	1,666	1,069	4,073	3,848	1,903	1,023	1,347	846
Lima.....	85	77	76	3,697	2,783	1,980	7,754	4,828	5,223	3,885	2,573	2,287
Lorain.....	62	121	109	9,695	6,097	5,102	38,987	14,491	9,481	14,705	4,753	2,996
Manchester.....	121	109	95	3,204	2,621	2,233	6,173	7,354	3,078	3,203	2,366	3,371
Marietta.....	66	73	77	1,288	1,314	1,511	3,214	2,599	2,308	1,427	1,233	1,248
Marion.....	55	47	34	1,721	1,171	1,171	3,298	2,426	3,000	1,876	1,469	1,469
Mason.....	56	52	49	1,934	1,456	1,284	4,788	3,707	2,749	2,498	2,125	1,486
Middletown.....	41	47	41	2,576	1,814	1,578	10,517	8,538	6,800	8,567	4,846	3,327
Newark.....	49	78	69	3,913	3,627	2,975	7,833	5,613	2,879	3,839	5,189	1,699
Norwood.....	49	49	49	3,907	2,907	2,907	9,684	6,036	5,552	3,079	2,128	1,942
Piqua.....	82	76	68	2,683	2,044	1,935	6,931	4,036	5,552	3,079	2,128	1,942
Portsmouth.....	75	81	109	5,728	4,672	4,153	7,277	6,645	6,659	3,283	5,125	3,254
Sandusky.....	91	93	81	2,118	2,323	1,433	5,947	4,879	2,834	3,112	2,743	1,627
Springfield.....	195	157	164	7,405	6,258	6,259	19,269	13,382	12,116	10,337	7,620	6,827
Steubenville.....	35	37	34	1,267	1,157	1,173	3,730	2,417	2,370	2,417	1,627	1,417
Tiffin.....	75	87	75	1,632	1,645	1,238	3,254	2,434	1,902	2,062	1,434	1,094
Toledo.....	769	597	445	18,878	15,697	12,747	61,230	44,931	31,975	27,146	19,535	12,579
Warren.....	48	55	48	1,519	1,565	1,458	4,822	4,414	3,086	2,903	2,366	1,486
Youngstown.....	113	113	103	10,498	8,696	8,679	81,271	66,833	33,908	18,979	11,670	10,775
Zanesville.....	109	99	115	3,510	3,098	3,405	9,145	6,347	5,708	3,641	3,066	2,150
<b>OKLAHOMA:</b>												
Chickasha.....	30			264			1,867			552		
Holdenville.....	65			303			433			846		
Guthrie.....	34	34	33	282	333	241	1,443	1,200	649	466	499	312
McAlester.....	29			184			451			256		
Muskogee.....	64	71	60	341			2,275			803		
Oklahoma City.....	171	89	36	1,398	720	220	7,868	3,671	845	2,722	1,309	328
Shawnee.....	40			1,014			2,081			918		
Tulsa.....	53			462			1,563			682		
<b>OREGON:</b>												
Portland.....	649	437	408	12,214	8,171	5,380	46,861	28,651	16,904	20,785	11,627	6,727
Salem.....	62			597			2,208			1,031		
<b>PENNSYLVANIA:</b>												
Allentown.....	274	257	216	11,481	8,984	7,355	26,263	16,841	14,990	10,682	6,968	6,013
Altoona.....	44	73	57	8,809	9,560	6,573	16,763	14,530	11,273	7,459	7,102	4,980
Beaver Falls borough.....	44	42	47	2,180	2,232	2,174	6,490	4,908	6,229	3,865	2,646	2,370
Bethlehem borough.....	41	58	59	1,893			3,712			1,392		
Bradford borough.....	41	58	59	1,893			3,712			1,392		
Bradford.....	82	80	65	1,318	1,490	1,200	3,887	3,192	3,125	1,445	1,599	1,400
Butler borough.....	61	48	41	2,523	2,093	1,921	11,038	6,832	1,493	3,464	2,172	883
Carlisle.....	34	34	34	1,435	1,435	1,435	2,616	2,616	2,616	1,146	1,263	1,146
Carter borough.....	50	48	39	1,434	1,304	1,192	2,496	1,966	1,708	1,065	857	691
Carnegie borough.....	19	19	19	424			3,099			638		
Cambersburg borough.....	37	47	44	1,364	843	612	2,929	1,985	815	1,269	616	337
Chester.....	128	131	121	6,986	7,061	6,972	19,373	16,645	14,940	7,947	6,223	5,369
Columbia borough.....	47	44	53	2,773	3,034	2,519	4,807	3,887	4,214	2,133	1,434	1,642
Connellsville borough.....	39			1,035			1,971			1,194		
DuBois borough.....	37	34	24	1,015	1,057	817	1,890	2,607	1,768	964	882	610
Dunmore borough.....	18	103	57	3,208	1,133	814	1,833	1,460	1,132	1,181	910	642
Easton.....	126	97	106	3,388	2,720	3,202	6,915	6,659	5,425	3,691	2,375	2,285
Erie.....	391	261	266	9,798	8,415	8,032	24,226	18,639	16,493	12,162	9,212	8,282
Freshburg borough.....	37			819			797			453		
Harrisburg.....	199	175	175	9,743	7,955	6,439	22,725	16,571	14,996	9,642	6,244	5,991
Hazleton.....	77	62	45	2,682	1,406	822	4,707	2,186	999	6,005	7,967	6,005
Homesite borough.....	26			171			1,533			218		
Johnstown.....	97	82	66	10,574	6,914	5,600	45,106	28,892	21,365	15,758	9,137	7,457
Lancaster.....	306	300	284	7,057	6,693	7,504	18,979	14,448	12,750	7,138	7,659	6,297
Lekans.....	199	103	57	5,991	4,867	4,475	16,807	6,978	7,568	4,653	3,669	2,913
McKeesport.....	68	75	67	8,246	8,848	7,213	42,243	29,054	36,038	15,199	10,744	14,223
McKees Rocks borough.....	31			3,911			9,787			4,390		
Maloney City borough.....	33	29	29	2,001			868			491		
Meadville.....	62	52	46	2,048	1,300	1,291	3,559	2,075	1,688	1,843	1,111	779
Mount Carmel borough.....	20	19	9	690	197	106	785	620	393	1,363	101	153
Nauticos borough.....	17	12	17	348	229	140	258	140	258	198	128	128
New Castle.....	82	71	71	5,338	5,433	4,629	38,038	28,923	20,016	7,964	7,711	6,870
Norristown borough.....	111	111	111	3,513	3,513	3,513	5,525	5,525	5,525	4,107	4,107	3,948
Oil City.....	34	36	42	1,338	1,557	1,663	4,122	3,982	4,164	1,822	1,748	1,407
Philadelphia.....	8,379	7,067	7,603	251,884	228,809	214,775	746,076	591,388	519,982	316,984	258,006	224,807
Phoenixville.....	31			674			2,519			1,016		
Pittsburgh.....	6,629	1,562	1,303	67,174	41,618	37,794	243,454	211,259	218,198	94,927	86,678	89,740
Pittston.....	40	40	27	792	830	357	1,969	1,475	998	902	747	375

1 Does not include statistics for Lakewood.

2 While the population for 1909 is in excess of 10,000, statistics for that census are not available.

## STATES, CITIES, AND INDUSTRIES.

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CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE, 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
<b>PENNSYLVANIA—Continued.</b>												
Plymouth borough.....	23	23	24	908	827	756	\$1,179	\$860	\$333	\$475	\$413	\$292
Pottstown borough.....	78	77	65	3,650	3,457	2,681	12,905	8,145	7,357	3,590	2,707	2,512
Pottsville borough.....	71	79	73	2,572	1,904	1,698	9,338	5,506	4,859	3,211	1,751	1,400
Reading.....	482	492	403	24,145	18,053	16,892	51,133	39,491	32,682	21,287	13,782	15,686
Scranton.....	293	258	247	12,851	10,912	11,139	26,385	29,453	24,742	12,083	9,290	7,522
Shamokin borough.....	29	48	46	1,023	897	762	3,544	1,444	1,147	411	418	447
Sharon borough.....	45	37	35	3,316	1,812	1,827	9,881	5,671	3,765	1,988	1,880	1,501
Shenandoah borough.....	29	30	22	242	170	107	888	295	302	522	414	208
South Bethlehem borough.....	39	46	38	7,983	5,891	4,645	26,417	15,275	9,364	10,459	8,014	5,102
Steeleton borough.....	19	18	18	4,656	4,762	4,762	15,746	14,746	14,034	4,996	4,098	4,098
Stunbury borough.....	39	32	29	2,959	1,457	958	4,430	2,393	1,808	2,222	891	710
Uniontown borough.....	41	41	41	1,347	1,347	1,347	4,347	4,347	4,347	865	865	865
Warren borough.....	72	63	43	1,480	1,174	1,060	5,744	4,666	3,681	2,065	1,947	1,527
Washington borough.....	75	75	45	2,126	1,161	1,161	4,837	2,622	2,622	1,447	1,447	1,447
West Chester borough.....	35	35	35	849	849	849	1,486	1,421	859	1,479	1,447	545
Wilkes-Barre.....	176	129	138	7,533	5,920	4,749	13,526	10,000	8,617	7,093	5,735	4,308
Wilkesburg borough.....	24	30	16	185	164	109	538	472	246	276	227	120
Williamsport.....	159	115	142	5,641	5,266	4,711	13,348	11,307	9,736	6,288	5,331	4,120
York.....	218	228	241	10,492	7,932	6,871	18,622	13,333	10,560	9,756	6,833	5,100
All other cities <sup>1</sup> .....	99			18,283			103,288			25,328		
<b>RHODE ISLAND.</b>												
Central Falls.....	43	33	36	2,475	2,443	2,372	5,471	5,091	4,511	2,090	1,761	1,788
Cranston.....	28	13	13	1,711	587	493	5,925	1,639	1,403	2,738	1,043	790
Cumberland town.....	29	19	10	5,339	4,574	1,900	9,827	5,965	1,756	2,929	2,838	1,164
East Providence town.....	26	31	26	1,381	1,461	1,161	4,146	3,544	2,068	1,280	1,039	1,039
Newport.....	54	46	43	726	849	881	1,379	1,347	1,575	809	721	922
Pawtucket.....	217	186	191	15,275	12,054	10,712	37,696	25,847	19,272	16,156	11,735	9,285
Providence.....	1,080	881	929	46,381	38,804	35,363	120,241	91,981	78,567	55,471	42,008	36,195
Warwick town.....	49	37	27	6,471	4,153	3,461	10,389	7,052	6,029	5,195	3,294	3,579
Woonsocket.....	130	103	104	10,703	8,672	7,591	29,218	19,291	14,745	11,456	8,682	5,750
<b>SOUTH CAROLINA.</b>												
Charleston.....	116	108	104	2,574	3,430	3,187	6,361	6,907	5,713	2,722	2,269	2,205
Columbia.....	65	43	43	2,523	2,383	2,182	4,677	3,872	3,384	2,944	2,035	1,764
Greenville.....	41	36	22	1,182	1,204	770	2,142	1,677	967	1,914	576	249
Spartanburg.....	36	35	28	1,773	1,650	1,301	3,276	2,127	1,591	1,191	583	988
<b>SOUTH DAKOTA.</b>												
Aberdeen.....	37			295			1,375			564		
Sioux Falls.....	83	61	48	677	465	311	2,889	1,808	884	1,260	832	563
<b>TENNESSEE.</b>												
Chattanooga.....	185	177	149	6,410	6,420	4,729	16,036	14,261	10,518	7,602	6,787	4,097
Jackson.....	42	42	33	1,405	1,208	1,018	2,710	2,318	1,577	1,495	1,135	884
Knoxville.....	119	138	102	2,773	2,999	4,203	8,149	6,099	6,292	3,048	2,598	2,659
Memphis.....	329	289	223	7,927	7,374	6,626	30,242	20,943	14,233	12,391	8,704	6,854
Nashville.....	384	257	237	9,721	8,032	6,726	29,650	21,567	15,301	12,194	9,085	6,274
<b>TEXAS.</b>												
Austin.....	108	62	84	754	641	495	2,843	1,569	765	1,218	798	308
Beaumont.....	56	40	30	863	732	1,035	4,831	2,610	1,913	1,357	1,098	816
Brownsville.....	9			51			121			75		
Cleburne.....	24			825			1,577			718		
Dallas.....	305	247	177	4,882	3,445	2,842	26,559	15,028	9,488	9,993	6,421	4,060
Denison.....	29	25	29	833	725	968	1,314	1,235	849	721	644	461
El Paso.....	88	64	38	1,752	1,158	716	3,637	2,378	1,213	2,141	1,247	674
Fort Worth.....	147	102	83	4,423	3,423	2,661	9,668	6,961	5,365	3,478	2,781	1,641
Galveston.....	81	67	100	1,094	761	1,422	6,308	2,997	3,673	2,041	1,398	1,164
Houston.....	249	209	145	5,338	5,056	3,188	23,015	13,564	7,492	8,094	5,947	3,297
Laredo.....	23	18	11	315	211	272	454	221	144	231	128	192
Marshall.....	22			977			1,787			894		
Palestine.....	20	16	19	745	544	481	1,313	735	703	691	450	355
Paris.....	45	29	14	241	241	430	855	783	665	327	327	282
San Angelo.....	26			115			218			193		
San Antonio.....	194	141	113	3,105	2,437	2,083	13,435	7,402	5,860	6,483	3,661	3,033
Sherman.....	36	29	21	307	314	476	676	2,641	1,461	2,029	492	391
Temple.....	17			366			1,346			612		
Tyler.....	23	21	16	184	398	411	1,996	629	662	439	318	330
Waco.....	92	76	80	1,033	947	1,004	4,759	2,980	2,294	1,804	1,201	968
<b>UTAH.</b>												
Ogden.....	68	63	51	1,323	1,013	678	3,713	2,507	1,242	1,648	1,109	963
Salt Lake City.....	245	192	154	4,287	2,776	2,154	13,351	7,544	4,279	6,736	4,029	2,302
<b>VERMONT.</b>												
Barrre.....	139	105	146	2,340	2,198	1,375	3,852	3,373	2,761	2,744	2,464	1,978
Burlington.....	82	67	78	2,371	2,300	2,212	6,900	6,556	6,062	459	2,532	2,772
Rutland.....	63	51	61	1,636	1,803	1,496	2,680	2,523	1,959	1,473	1,361	1,124
<b>VIRGINIA.<sup>2</sup></b>												
Alexandria.....	54	51	57	1,470	1,291	859	4,420	2,187	1,539	1,689	1,195	869
Danville.....	52	34	46	3,076	3,018	2,933	5,389	4,775	3,694	2,523	2,099	1,827
Lynchburg.....	62	65	45	4,026	2,534	1,487	10,184	7,094	5,994	3,410	2,694	1,469
Norfolk.....	215	121	140	4,740	2,935	2,038	10,341	5,739	4,692	4,859	2,537	2,150
Petersburg.....	72	72	77	3,887	3,288	3,608	8,806	5,801	3,933	3,137	2,097	1,778
Portsmouth.....	31	28	21	842	551	412	1,528	945	769	542	348	242
Richmond.....	380	300	276	14,849	12,444	13,715	47,358	27,745	24,669	23,105	13,982	13,184
Roanoke.....	62	54	38	3,544	3,089	2,371	7,291	5,545	5,398	3,217	2,313	1,808
Staunton.....	44			339			1,223			327		

<sup>1</sup> Included in "all other cities" for 1909.<sup>2</sup> Includes: Coatesville, Duquesne, Monessen, North Braddock, Old Forge, South Sharon, and Steeltown boroughs, to avoid disclosure of individual operations.<sup>3</sup> Does not include statistics for Newport News.

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
<b>WASHINGTON:</b>												
Aberdon.....	43			1,509			\$3,590			\$1,418		
Bellingham.....	98	75	47	1,556	1,314	1,592	4,600	\$3,294	\$2,629	2,178	\$1,643	\$1,076
Everett.....	36			2,375			8,423			3,564		
North Yakima.....	94		352	692			2,175			1,225		
Seattle.....	751	467	352	11,331	6,390	4,440	50,569	25,496	15,323	21,884	11,948	6,450
Spokane.....	286	188	84	3,989	2,428	1,060	18,480	8,831	3,756	8,637	4,131	1,723
Tacoma.....	276	236	174	5,765	4,457	3,552	22,450	14,264	10,301	8,734	6,107	3,960
Walla Walla.....	48	33	34	388	242	213	2,317	1,486	964	932	557	343
<b>WEST VIRGINIA:</b>												
Blushfield.....	15			670			1,465			576		
Charleston.....	63	54	48	951	887	686	3,235	2,101	1,262	1,068	1,103	603
Huntington.....	67	44	29	3,156	2,229	1,717	6,511	4,407	3,642	3,129	1,731	1,144
Martinsburg.....	39			1,430			2,516			1,239		
Parkersburg.....	75	68	72	1,495	1,444	1,237	5,499	3,778	3,101	1,939	1,290	1,215
Wheeling.....	176	195	178	7,809	7,127	6,190	27,077	21,797	15,074	11,052	9,308	6,668
<b>WISCONSIN:</b>												
Appleton.....	97	108	88	2,125	2,496	1,561	6,734	6,673	3,861	2,477	2,647	1,504
Ashland.....	38	37	41	1,116	1,361	1,812	2,748	4,210	3,600	1,302	2,018	2,084
Beloit.....	51	44	43	2,986	2,471	1,845	5,886	4,485	2,800	3,447	2,650	1,462
Eau Claire.....	75	73	64	2,524	1,985	1,738	5,855	5,602	3,876	2,881	1,803	1,764
Fond du Lac.....	97	83	74	2,707	2,466	1,530	8,227	5,600	2,861	3,103	2,289	1,236
Green Bay.....	102	103	79	2,479	2,111	1,427	6,235	4,873	2,709	2,342	2,177	1,346
Janesville.....	78	73	72	1,451	1,348	1,398	5,156	3,846	2,184	2,279	1,729	1,415
Kenosha.....	62	45	38	6,449	4,354	3,090	23,182	12,263	7,234	8,469	4,971	2,311
La Crosse.....	101	150	131	3,329	2,644	2,763	14,103	8,139	7,677	6,306	3,414	3,032
Madison.....	116	84	69	1,792	1,475	1,365	5,467	3,291	2,689	3,130	1,998	1,531
Manitowish.....	80	76	62	1,525	1,321	975	5,939	4,428	1,935	1,976	1,488	1,069
Marquette.....	49	37	45	1,491	1,645	2,485	3,309	3,633	4,411	1,606	2,052	2,607
Milwaukee.....	1,764	1,527	1,419	59,502	43,356	41,220	298,224	137,995	110,854	87,703	66,892	51,160
Oshkosh.....	159	134	129	5,778	4,840	4,226	14,739	8,652	8,081	7,658	4,220	3,799
Racine.....	142	148	135	8,381	6,504	6,138	24,673	16,459	11,676	13,161	9,316	5,750
Sheboygan.....	109	96	89	5,388	5,903	4,922	11,299	9,751	6,807	5,210	4,128	3,195
Superior.....	99	72	75	1,847	1,343	1,765	6,574	6,357	6,836	2,302	1,709	1,810
Wausau.....	67	58	56	2,092	1,945	1,716	6,287	4,645	3,381	2,962	2,096	1,473
<b>WYOMING:</b>												
Cheyenne.....	22	18	17	853	552	423	1,577	925	722	970	617	433
All other cities <sup>1</sup> .....	142	54	71	16,331	8,403	6,802	82,537	22,346	15,272	22,218	11,389	6,666

<sup>1</sup> Includes Gary, Ind., Great Falls, Mont., Lackawanna, N. Y., Lakewood, Ohio, and Newport News, Va., in 1904 and 1899.

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# MINES AND QUARRIES



CHAPTER 16.—STATISTICS OF MINES AND QUARRIES FOR INDUSTRIES AND STATES.



## CHAPTER 16.

### STATISTICS OF MINES AND QUARRIES FOR INDUSTRIES AND STATES.

**Introduction.**—This chapter contains a summary of the statistics of mining for the United States for the calendar year 1909, as shown by the Thirteenth Census.

The statistics relate both to mines in the narrower sense and to quarries and petroleum and gas wells, but for brevity all these enterprises are often called "mines," using the term in its broad sense.

The principal statistics of mining industries derived from the census inquiry are given in a series of general tables at the end of the chapter. Table 25 gives a comparative summary of the results of the inquiries of 1909 and 1902, comparing for each geographic division and state the expenses of operation and development, the primary power, and the value of products. Table 26 gives a similar comparative summary for each industry. Table 27 gives for the several geographic divisions and for each state the number of operators; the number of mines, quarries, or wells; capital; expenses of operation and development; number of persons engaged in the industry; acreage of land controlled; primary power; and value of products. Table 28 gives similar information for each industry. Table 29 gives information similar to that contained in Table 28 for nonproducing mines, quarries, and wells, in which operations are as yet confined to development work.

The explanatory text deals almost exclusively with the producing mines, quarries, and wells, and gives for all mining industries combined and for a number of the more important industries separately further statistics amplifying the figures given in the general tables, together with averages, percentages, etc., derived from the figures in those tables.

In order to avoid any misapprehension as to the significance of the statistics here published, it seems advisable to offer a few brief explanations of the terms used in the census of mining industries.

**Scope of census.**—The Thirteenth Census covered all classes of mines and quarries that were in operation during any portion of the year 1909, both those which were producing and those whose operations were confined to development work, and petroleum and gas wells that were in operation at the end of that year. Mines, quarries, or wells that were idle during the entire year 1909 were omitted from the canvass. The following operations were likewise omitted from the canvass: Prospecting; the digging or dredging of sand and gravel for the construction of roads and for building operations; the production of mineral waters; and the operation of small bituminous coal banks producing less than 1,000 tons annually. Where the mineral products are not marketed in their

crude condition, but are dressed or washed at the mine or quarry, the statistics of mining cover the entire work of obtaining the crude material and its preparation for the market.

**Period covered.**—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for enterprises which began or discontinued business during the year.

**Number of operators.**—As a rule, the unit of enumeration was the "operator." Every individual, firm, or corporation was required to furnish one report for all mines, quarries, or wells which were operated under the same management, or for which one set of books of account was kept. Where several mines, quarries, or wells managed separately were owned by the same operator, it was optional with the operator to furnish one report for all his operations, or a separate report for each of his properties. Separate reports were obtained for all properties operated in different states, even where they were owned by the same operator. Likewise, where the operations of one individual, firm, or corporation covered more than one class of mines and quarries, such as coal, iron, limestone, etc., a separate report was received for each industry. The total number of operators, accordingly, as shown by the original returns, included a small amount of duplication. As far as practicable, all duplications of this character within the same industry were eliminated by the consolidation of the reports for the same operator. All such duplications have been eliminated for the coal, petroleum and natural gas, iron, and copper industries.

**Number of mines, quarries, and wells.**—This figure represents the total number of mines and quarries in operation or in the course of development at any time during the calendar year 1909, or the business year that corresponds most nearly to that calendar year, and the number of completed petroleum and natural gas wells in operation on December 31, 1909.

In most mining and quarrying industries the number of mines or quarries varies but little from the number of operators, the principal variations being found in the mining of anthracite coal, iron, and copper, with an average of more than two mines per operator; in the mining of tungsten, with an average of more than five mines per operator; and in the quarrying of gypsum, with an average of nearly three quarries per operator. In the production of petroleum and natural gas there was an average of more than twenty wells to one operator.

**Expenses of operation and development.**—A certain amount of development work is incident to the operation of every mine. The expenses reported for producing mines include the cost both of operation and of development work which was done in connection with operation.

**Wages.**—The amount shown as wages includes only the compensation of regular wage earners hired by the day, week, or month, or under the piecework system. There is a class of miners variously known under the local names of "leasers," "block lessees," etc., who are compensated by a share of the product. The compensation of such miners is included under the payments for "Contract work" in the general tables.

**Supplies and materials.**—This item includes the cost of lumber and timber used for repairs, mine supports, track ties, etc.; iron and steel for blacksmithing; rails, frogs, sleepers, etc., for tracks;

renewals of tools and machinery and materials for repairs; and supplies, explosives, oil, etc., as well as the cost of fuel and the rent of power. The schedule called only for the cost of such supplies and materials as had been used during the year covered by the report. Accurate figures, however, could be furnished only in those cases where the operators kept an account of supplies and materials used, or had an inventory made of all in stock at the beginning and at the end of the year. Such a system of accounting is far from general among mine operators, and there is reason to believe that in many cases the reported cost of supplies and materials covered all purchased during the year rather than those used during the year. The crude product of some operators was purchased by others for further dressing or refining; the cost of such materials is shown in a separate column in the general tables for producing mines, but in all other tables it is included in the general item of cost of supplies and materials.

**Miscellaneous expenses.**—In the general tables royalties and the rent of mines, taxes, and the amounts paid for contract work are shown in separate columns. All other expenses not enumerated separately are combined under the head of "Rent of offices and other sundry expenses," which includes rent of offices and buildings other than those at the mine, quarry, or well, use of patents, insurance, ordinary repairs of buildings and machinery (not including materials therefor where carried in separate accounts), advertising, damages, traveling expenses, and all other sundry expenses.

**Value of products.**—Statistics of the value of each mineral product were obtained by the Bureau of the Census in cooperation with the United States Geological Survey, but the two bureaus follow different methods in presenting these statistics. The Geological Survey shows separately the value of each mineral product, whereas the Bureau of the Census presents the value of products of each mining industry. The value of products given for each mining industry often includes the value of some products not covered by the industry designation. The crude product of metaliferous mines may include varying combinations of metals, such as gold, silver, copper, lead, zinc, and iron. Similarly, the total value of all products of the granite quarries is not identical with the value of the total output of granite, but may include the value of some marble or other stone quarried in connection with the principal product.

The value of products for 1909 in most cases represents the value of the products marketed during that year, not the value of those mined during that year. In this respect the data differ from those usually obtained for manufacturing establishments. In order to ascertain the value of the products mined during the year 1909, account would have had to be taken of the inventories at the beginning and at the close of the year. In many mining industries, however, no such inventories are made, by reason of the purely speculative value of the crude product lying on the dump.

Another element of inaccuracy inherent in the statistics as to the value of products is due to the combination of mining with manufacturing. Most of the product of iron mines is not sold, but is used in blast furnaces operated by the owners of the mines. A large proportion of the output of coal is likewise used in iron and steel works operated by the owners of the coal mines, while a considerable proportion also is controlled by railway companies and other industrial concerns which own the coal mines, either directly, or indirectly through subsidiary companies. In such cases the reported value of

the mining product is often a mere item of bookkeeping which may or may not reflect the actual market value of the product.

The total value of products for some industries includes a certain amount of duplication, due to the fact that the crude product of some operators was used as material by others whose mines or quarries were equipped with dressing or refining plants; the total value of products for the industry, accordingly, includes both the crude product and the refined product made from it. In order to eliminate this duplication and to obtain the approximate value of products for each industry, the cost of such materials, which is shown in a separate column in the general tables for producing mines, should be subtracted from the total value of products for the industry. There is, however, a certain degree of inaccuracy involved in such a computation, because the purchaser of the crude product usually figures freight as a part of the cost of his material, whereas the value reported by the producer represents the selling value at the mine.

**Cost of production and profits.**—It can be seen from the preceding explanations that the difference between the reported value of products and the total expenses reported does not accurately represent profits. As already stated the product reported usually represents that sold rather than the actual output in producing which the expenses were incurred. Furthermore, the census inquiries did not call for depreciation, which is a particularly important element in mining because of the exhaustion of the mine. Few mining concerns keep a separate account for depreciation. Moreover, the heterogeneous character of the returns regarding capital precludes the computation, from census statistics, of the rate of return on the investment.

**Capital.**—The census schedule required every operator to state the total amount of capital invested in the enterprise on the last day of the business year reported, as shown by his books. There is, however, a great diversity in the methods of bookkeeping in use by different operators. As a result, the statistics for capital lack uniformity. Some of the reported figures apparently represent capital stock at face value; others include large investments in mineral lands which are not at present being actively mined, but are held in reserve; still others may include expenditures for unproductive mining ventures in no way related to the operations carried on during the census year.

**Persons engaged in mining industries.**—The statistics of the number of proprietors and officials, clerks, and wage earners, are based on the returns for December 15, or the nearest representative day. The reported number of wage earners includes overseers and foremen performing work similar to that of the men over whom they have charge; those whose duties are wholly supervisory are classed as superintendents and managers. Because of the very common practice of shutting down mines at frequent intervals, it is impossible to ascertain with any satisfactory degree of accuracy the average number of employees—that is, the number who, if continuously employed, would be required to produce the actual output of the year.

**Primary horsepower.**—This item represents the total primary power generated by the mining enterprises plus the amount of power, principally electric, rented by them from other concerns. It does not cover the horsepower of electric motors operated by current generated by the enterprises themselves, the inclusion of which would evidently result in duplication.

## GENERAL SUMMARY.

Continental United States and noncontiguous territory: 1909.—Table 1 gives for 1909 the principal statistics collected by the Bureau of the Census for all mines and quarries and petroleum and gas wells within the area of enumeration. In addition to

continental United States this area included in 1909 Alaska, Hawaii, and Porto Rico. The figures here given include nonproducing as well as producing mines and constitute the most general summary of the results of the investigation.

	NUMBER OR AMOUNT: 1909				
	Total.	Continental United States.	Alaska.	Hawaii.	Porto Rico.
Number of operators.....	24,355	23,664	673	4	14
Number of mines and quarries.....	27,260	27,240		6	14
Number of petroleum and gas wells.....	166,448	166,448			
Persons engaged in mining industries, Dec. 15, 1909.....	1,175,188	1,166,948	8,025	45	170
Proprietors and firm members, total.....	35,208	33,691	1,501	2	14
Number performing manual labor in connection with mines, quarries, and wells.....	10,740	10,299	441		
Salaried employees.....	46,694	46,475	219		
Wage earners.....	1,093,286	1,086,782	6,305	43	156
Primary horsepower.....	4,722,479	4,699,910	22,347	197	25
Capital.....	\$3,710,356,533	\$3,662,527,064	\$47,749,164	\$45,700	\$34,605
Expenses of operation and development.....	1,087,437,081	1,074,191,429	13,220,200	19,760	5,692
Services.....	662,422,226	655,584,467	6,819,850	14,058	3,851
Salaries.....	56,286,988	55,878,478	408,510		
Wages.....	606,135,238	599,705,989	6,411,340	14,058	3,851
Supplies and materials.....	263,019,615	260,110,928	2,902,596	5,371	390
Royalties and rent of mines.....	65,683,384	64,154,996	1,527,995	206	257
Contract work.....	32,335,580	30,690,458	1,645,063		59
Miscellaneous.....	63,976,276	63,650,680	324,336	125	1,135
Value of products.....	1,255,370,163	1,238,410,322	16,933,427	20,955	5,459

Of the total number of persons engaged in mining industries in the area covered by the preceding table, only a little more than one-half of 1 per cent were in Alaska, while the mining operations in Hawaii and Porto Rico were insignificant.

Owing to the fact that a certain number of mines in continental United States and Alaska were engaged in development work only, during the census year, the figure for value of products in 1909, \$1,255,370,163, relates to a smaller number of enterprises than the figures for persons engaged in the industries, expenses, etc. Of the total, representing the value of the products of all mines in the entire area covered by the canvass, Alaska contributed \$16,933,427, or 1.3 per cent, while Hawaii contributed only \$20,955 and Porto Rico \$5,459. A rough but somewhat convenient measure of the relative importance of mining operations in the areas concerned is found in the per capita production (that is, value of products divided by total population), which was \$13.46 for continental United States, \$263.12 for Alaska, \$0.11 for Hawaii, and less than 1 cent for Porto Rico.

The further discussion of mining operations in this chapter is confined to the data reported for continental United States (referred to simply as the United States).

**Producing and nonproducing mines.**—In some aspects of the statistics of mining industries the distinction between producing and nonproducing mines is

important. So far as it is possible to bring the figures in regard to production into relation with the various factors of operation, particularly the number of employes and the expenses of operation, it is necessary to confine comparisons to the producing mines. Table 2 gives comparative figures for producing and nonproducing mines in the United States.

	All enterprises.	Producing enterprises.	NONPRODUCING ENTERPRISES.	
			Number or amount.	Per cent of total.
Number of operators.....	23,664	19,915	3,749	15.8
Number of mines and quarries.....	27,240	18,164	9,076	33.3
Number of wells.....	166,448	166,320	128	( <sup>1</sup> )
Persons engaged in mining industry.....	1,166,948	1,139,332	27,616	2.4
Proprietors and firm members, total.....	33,691	29,922	3,769	11.2
Number performing manual labor.....	9,937	8,861	1,076	10.8
Salaried employees.....	46,475	44,127	2,348	5.1
Wage earners.....	1,086,782	1,065,283	21,499	2.0
Primary horsepower.....	4,699,910	4,608,253	91,657	2.0
Capital.....	\$3,662,527,064	\$3,380,525,841	\$282,001,223	7.7
Expenses of operation and development.....	1,074,191,429	1,042,642,693	31,548,736	2.9
Services.....	655,584,467	640,167,630	15,416,837	2.4
Salaries.....	55,878,478	55,333,551	2,844,927	4.4
Wages.....	599,705,989	588,774,079	12,931,910	2.2
Supplies and materials.....	260,110,928	247,866,304	12,244,504	4.7
Royalties and rent of mines.....	64,154,996	63,973,585	181,341	0.3
Contract work.....	30,690,458	28,887,898	1,802,560	5.9
Miscellaneous.....	63,650,680	61,747,276	1,903,404	3.0
Value of products.....	1,238,410,322	1,238,410,322		

<sup>1</sup> Less than one-tenth of 1 per cent.

Perhaps the most satisfactory index of the relative importance of the two classes of mines shown in the preceding table is the number of wage earners and the amount of primary power, the figures for nonproducing mines representing exactly 2 per cent of the total in each instance. The average number of wage earners per operator for the nonproducing mines is 6 and for the producing mines 53.

Additional details in regard to nonproducing mines are given in Table 29 (p. 564), which presents separate figures for most of the different mining industries. The further discussion in this chapter of the statistics for 1909 will deal primarily with the producing mines,

with only incidental reference to the nonproducing enterprises.

There were in all mining industries in the United States in 1909, as shown by the previous table, 19,915 operators of producing mines, who employed 1,065,283 wage earners and reported products valued at \$1,238,410,322.

**Geographic distribution of producing enterprises.**—The distribution of the mining industries by geographic divisions and states is shown in Table 3, which gives the number of wage earners employed and the value of products for each division and state, with the percentage which such number or value forms of the total.

Table 3

DIVISION AND STATE.	PRODUCING ENTERPRISES: 1909						Value of products.	Per cent of total.	PRODUCING ENTERPRISES: 1909						Value of products.	Per cent of total.	
	Number of operators.	Number of mines and quarries.	Number of wells.	Wage earners (Dec. 15, or nearest representative day).		Amount.			Number of operators.	Number of mines and quarries.	Number of wells.	Wage earners (Dec. 15, or nearest representative day).		Amount.			Per cent of total.
				Number.	Per cent of total.							Number.	Per cent of total.				
<b>United States....</b>	<b>19,915</b>	<b>18,164</b>	<b>166,320</b>	<b>1,065,283</b>	<b>100,000</b>	<b>1,238,410,322</b>	<b>100.0</b>										
<b>GEOGRAPHIC DIVS.:—</b>																	
New England.....	510	686	.....	18,254	1.7	17,327,242	1.4										
Middle Atlantic.....	6,333	3,903	71,289	462,957	37.8	376,747,525	30.5										
West North Central.....	4,152	2,662	56,279	213,640	20.1	237,534,170	19.2										
West North Atlantic.....	2,300	2,662	3,450	88,458	8.3	130,252,538	10.5										
South Atlantic.....	1,334	1,653	15,146	118,064	11.1	105,714,462	8.5										
East South Central.....	830	1,109	1,110	70,856	6.7	49,143,289	3.9										
West South Central.....	1,229	452	14,700	23,252	2.2	47,530,837	3.8										
Mountain.....	1,972	3,728	63,675	67,377	6.3	295,053,949	23.8										
Pacific.....	1,538	1,610	4,316	31,788	3.0	75,111,522	6.1										
<b>NEW ENGLAND:</b>																	
Maine.....	97	102	.....	1,471	0.2	2,056,963	0.2										
New Hampshire.....	45	53	.....	1,231	0.1	1,308,597	0.1										
Vermont.....	137	182	.....	15,146	1.4	8,221,322	0.7										
Massachusetts.....	138	147	.....	3,578	0.3	3,467,888	0.3										
Rhode Island.....	21	27	.....	617	0.1	897,600	0.1										
Connecticut.....	21	74	.....	1,600	0.2	1,373,752	0.1										
<b>MIDDLE ATLANTIC:</b>																	
New York.....	1,351	752	11,342	11,363	1.1	13,254,975	1.1										
New Jersey.....	131	121	.....	6,801	0.6	8,347,551	0.7										
Pennsylvania.....	4,851	3,000	59,780	384,833	36.1	349,660,786	28.2										
<b>E. NORTH CENTRAL:</b>																	
Indiana.....	1,876	964	35,067	57,185	5.4	63,767,112	5.1										
Illinois.....	1,016	480	10,373	27,539	2.6	21,834,301	1.8										
Ohio.....	915	758	10,918	82,436	7.7	76,628,974	6.2										
Michigan.....	83	172	21	40,397	3.8	47,714,479	3.8										
Wisconsin.....	268	282	.....	6,083	0.6	7,459,404	0.6										
<b>W. NORTH CENTRAL:</b>																	
Minnesota.....	153	250	.....	18,114	1.7	58,664,852	4.7										
Iowa.....	373	431	.....	19,010	1.8	13,877,781	1.1										
Missouri.....	1,621	1,238	29,570	2,831	0.3	3,467,525	0.3										
North Dakota.....	53	25	6	860	0.1	564,812	0.1										
South Dakota.....	39	43	3	3,869	0.4	6,432,417	0.5										

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> No mineral production in District of Columbia or Mississippi.

Whether the importance of the mining industry be measured by the value of its products or by the number of wage earners employed, the Middle Atlantic division easily ranks first among the several geographic divisions, the value of its mineral products in 1909 amounting to \$371,000,000, or 30 per cent of the total for the United States. Next in order was the East North Central division, with products valued at \$238,000,000, or about one-fifth of the total. The mineral products of these two divisions consist largely of coal. Other divisions with a considerable mineral production are the Mountain, West North Central, and South Atlantic.

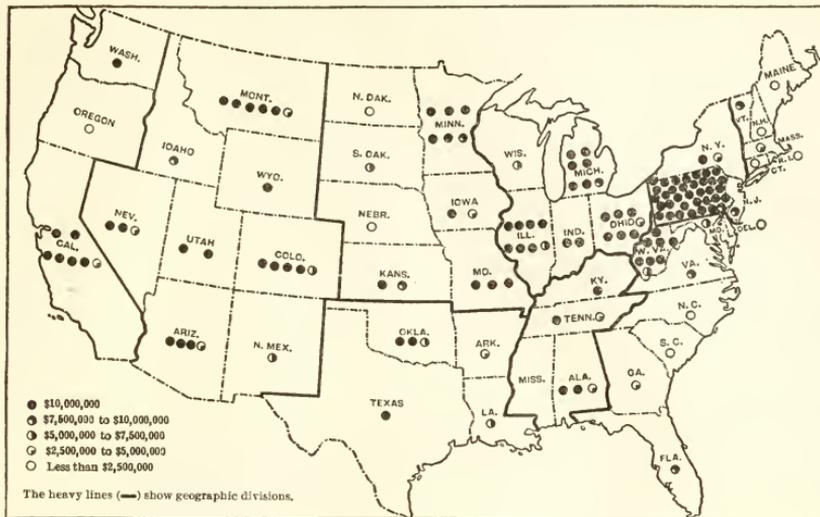
The prominence of the Middle Atlantic division in mineral production is due almost wholly to the state of Pennsylvania, which, with products (mainly coal) valued at nearly \$350,000,000 in 1909, reported more than one-fourth of the value of all mineral products in

the United States. No other state approaches it in importance. Illinois and West Virginia, which rank next in importance, each had products valued at a little more than \$76,000,000, or less than one-fourth the value shown for Pennsylvania. Other states where the value of mineral products exceeded \$50,000,000 are Michigan, Ohio, California, Minnesota, and Montana. The eight states named reported in 1909, 65.4 per cent of all mineral products for the United States.

There are several states in which the mineral production is quite insignificant. In the District of Columbia and Mississippi no mineral production was reported. Rhode Island, North Dakota, Nebraska, and Delaware each contributed less than one-tenth of 1 per cent of the whole value of mineral products, while the contribution of Maine, New Hampshire, Massachusetts, Connecticut, North Carolina, South

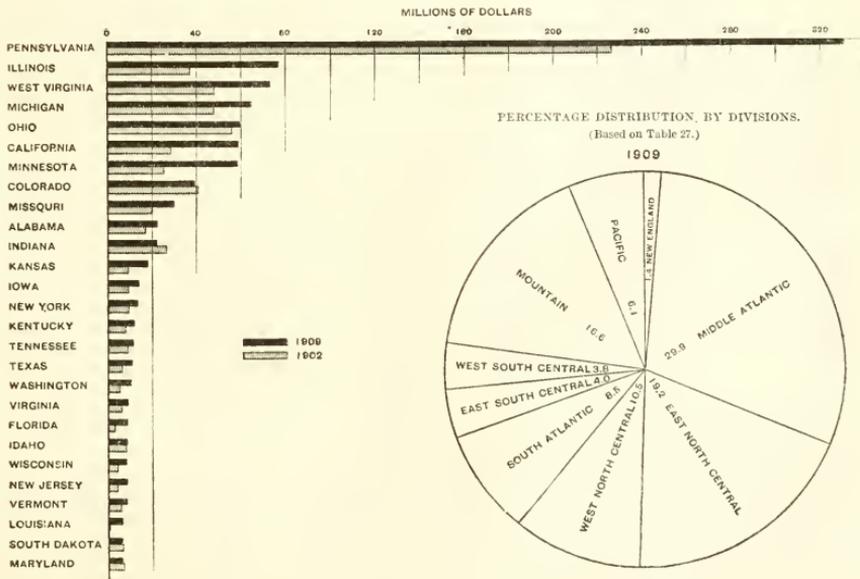
# INDUSTRIES AND STATES.

VALUE OF PRODUCTS, MINING INDUSTRIES: 1909.



## VALUE OF PRODUCTS, MINING INDUSTRIES, BY STATES: 1902 AND 1909.

(Based on Table 25.)



Carolina, Georgia, Arkansas, New Mexico, and Oregon was less than one-half of 1 per cent in each case.

The distribution of the wage earners employed in producing mines among the divisions and states follows approximately the distribution of the total value of products. Where coal is the chief mineral product, however, the number of wage earners is relatively greater than elsewhere. The Middle Atlantic division reported a considerably greater percentage of all wage earners in the producing mines of the country than of the total value of mineral products. In less marked degree the same statement holds true of the East South Central, South Atlantic, East North Central, and New England divisions, while each of the remaining divisions reported a larger percentage of the total value of products than of the total number of wage earners. Pennsylvania employed 36.1 per cent of all the wage earners, Illinois 7.7 per cent, and West Virginia 7.4 per cent, these three leading coal states together reporting more than one-half of all the wage earners employed in mining industries.

**Principal mining industries.**—Table 4 shows the relative importance of the principal mining industries in 1909.

INDUSTRY.	PRODUCING ENTERPRISES: 1909				
	Number of operators.	Wage earners (Dec. 15, or nearest representative day).		Value of products.	
		Number.	Per cent of total.	Amount.	Per cent of total.
<b>All industries.....</b>	<b>19,915</b>	<b>1,065,283</b>	<b>100.0</b>	<b>\$1,238,410,322</b>	<b>100.0</b>
Coal.....	3,695	743,293	69.8	577,142,085	46.6
Anthracite.....	1,159	175,524	16.3	149,180,471	12.0
Bituminous.....	3,536	567,769	53.5	427,961,614	34.6
Petroleum and natural gas.....	7,793	39,831	3.7	185,416,684	15.0
Metallic.....					
Copper.....	161	53,143	5.0	134,616,087	10.9
Iron.....	176	52,250	4.9	106,947,092	8.6
Precious metals.....	2,282	37,815	3.6	94,121,180	7.6
Deep mines.....	1,694	33,616	3.2	83,885,928	6.8
Fluor minerals.....	678	1,199	0.4	10,257,252	0.8
Lead and zinc.....	977	21,603	2.0	31,953,094	2.5
Structural materials.....	3,988	62,350	5.7	75,902,908	6.1
Limestone.....	1,665	37,695	3.5	29,832,492	2.4
Granite.....	707	20,561	1.9	18,997,976	1.5
Sandstone.....	595	9,408	0.9	7,727,437	0.6
Marble.....	77	6,313	0.6	6,230,120	0.5
Slate.....	186	9,438	0.9	6,664,174	0.5
Trappac.....	190	6,290	0.6	5,378,317	0.4
Diabase.....	563	2,175	0.2	1,588,406	0.1
Miscellaneous.....					
Phosphate rock.....	51	8,186	0.8	10,781,192	0.9
Gypsum.....	78	3,778	0.4	5,812,810	0.5
Sulphur.....	4	408	( <sup>1</sup> )	4,432,066	0.4
Clay.....	261	3,871	0.4	2,948,948	0.2
All other.....	449	8,775	0.8	8,835,436	0.7

<sup>1</sup> Less than one-tenth of 1 per cent.

The foregoing table presents statistics for 9 industries which in 1909 had products exceeding \$10,000,000 in value. These 9 industries employed 95.2 per cent of all the wage earners engaged in producing enterprises and contributed 96 per cent of the total value of the products of mining industries. Statistics are also given in the table for 8 other mining industries having products between \$1,500,000 and \$10,000,000 in value. The 17 industries shown separately in the table employed over 99 per cent of the wage earners

engaged in productive enterprises and contributed more than 99 per cent of the total value of products of mining industries.

Coal mining far outranks any other industry in importance. In 1909 it furnished occupation to more than two-thirds of all the wage earners employed by producing mines, quarries, and wells, and contributed only a little less than one-half of the total value of products reported. Of the total value of coal produced, the anthracite mines furnished approximately one-fourth and the bituminous mines three-fourths. Another fuel industry—the production of petroleum and natural gas—ranks second in importance in value of products, but employs comparatively few wage earners.

Of the metals, copper and iron outrank the precious metals both in the value of the product mined and in the number of wage earners, but lead and zinc fall considerably below the precious metals in both respects.

**General comparison for the United States: 1902–1909.**—Table 5 on the next page gives statistics regarding expenses, value of products, and mechanical power for producing mines, quarries, and petroleum and gas wells in the United States for 1909 and 1902, together with the percentages of increase.

The figures in this table for 1909 vary slightly from those shown in preceding tables by reason of the differences between the present census and that of 1902 in the classification of mining industries. There are many industries on the border line between mining and manufacturing. Certain mechanical and chemical processes required for the preparation of the mineral for the market after its extraction from the ground may be performed either at the mine or at the factory where the mineral is used as material. The practices in this respect vary from industry to industry and from period to period.

At the Thirteenth Census the production of cement was classified as a manufacturing industry. The burning of lime was likewise classified as a manufacturing industry, and where the lime was burned at the limestone quarry the quarrying was regarded as a subordinate part of the manufacturing operations. At the special census of mines and quarries in 1902, however, the cement industry was included, and the burning of lime was treated as a part of the operations of the limestone quarries. In order to make the statistics for the two censuses comparable, the figures given in Table 5 include for 1909 those for the burning of lime, elsewhere treated as a manufacturing industry, and exclude for 1902 those relating to the production of cement.

On the other hand, the special census of 1902 did not include the conversion of coal into coke at the coal mines. In the Thirteenth Census reports the coke industry is treated both in the report on manufactures and in that on mines. Where coal was turned into coke at the mines, estimates were obtained for the coke-manufacturing operations and included in the statistics of manufactures. At the same time, since the

mining of the coal and its conversion at the mines into coke form, in fact, integral parts of one industrial operation, the complete report for both processes is included in the statistics for bituminous coal mines. In order, however, to make the statistics for 1909 comparable with those for 1902, all statistics relating to coke have been eliminated from the table which follows.

By reason of these adjustments the figures here printed do not correspond either to those given in the report for 1902 or to those printed elsewhere for 1909.

Table 5

	NUMBER OR AMOUNT.		Per cent of increase.
	1909	1902	
Expenses of operation and development:			
Services.....	\$25,610,068	\$401,225,547	55.9
Supplies and materials.....	208,771,046	114,515,832	52.3
Royalties and rent of mines.....	62,430,700	34,470,227	81.2
Contract work.....	24,191,866	20,638,127	16.7
Value of products.....	1,175,475,001	771,486,926	52.4
Primary horsepower.....	4,536,170	2,663,964	71.0

The item "taxes, rent of offices, and other sundry expenses," which is included with the expenses of operation and development in the tables giving statistics for 1909 only, is not shown in this table for the reason that at the special census of mines and quarries in 1902 the corresponding item of expenses included interest, which was excluded at the Thirteenth Census. In 1902 the item of interest on bonds amounted to more than \$13,000,000. The amount of interest paid on other loans was not reported separately. The aggregate expenses shown in the preceding table represent 96.3 per cent of the total expenses reported for 1902 exclusive of interest on bonds, while the aggregate for 1909 represents 90.6 per cent of the total expenses for that year.

In 1902 the products of mining industries were valued at \$771,486,926, but in 1909 the value was reported as \$1,175,475,001, an increase of 52.4 per cent in the seven years.

VALUE OF PRODUCTS, MINING INDUSTRIES: 1902 AND 1909.

(Based on Table 26.)

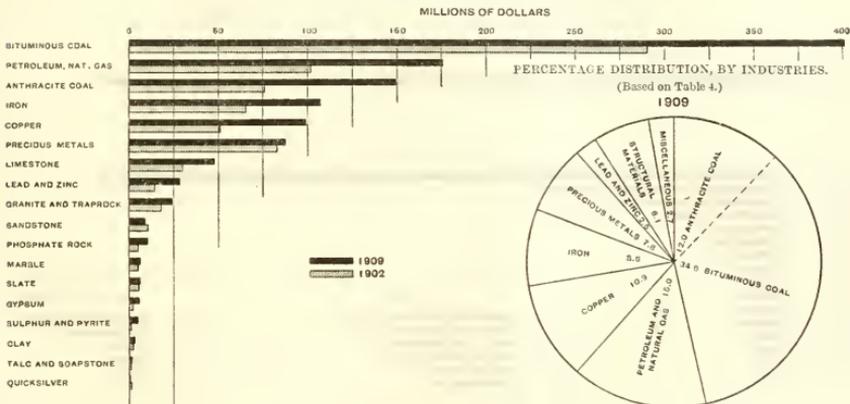


Table 26, page 559, gives comparative statistics in detail for the years 1909 and 1902, by industries. Table 6, which is based on this table, gives for the leading mining industries the value of products in 1909 and 1902, with the percentage of increase.

Table 6

INDUSTRY	VALUE OF PRODUCTS.		Per cent of increase.
	1909	1902	
All Industries.....	\$1,175,475,001	\$771,486,926	52.4
Coal.....	550,513,866	396,642,015	50.2
Anthracite.....	149,180,471	76,173,586	95.8
Bituminous.....	401,333,395	290,808,429	38.2
Petroleum and natural gas.....	175,527,807	102,034,590	72.0
Copper.....	99,495,799	51,178,035	94.4
Iron.....	106,947,082	65,800,985	62.4
Precious metals.....	87,671,553	82,482,032	6.3
Deep mines.....	77,434,301	77,154,326	0.4
Placer mines.....	19,227,252	5,327,726	92.9
Lead and zinc.....	28,548,547	14,600,177	95.7
Limestone.....	47,784,479	20,278,877	57.8
Granite and traprock.....	24,576,255	18,942,943	38.2
Phosphate rock.....	10,781,192	4,922,943	119.0

This table shows that the greatest relative increase in the seven-year period was in the phosphate rock industry. The smallest relative increase (6.3 per cent) was in the mining of precious metals, the deep mines showing an increase in value of products amounting to only 0.4 per cent, although the less important placer mines show an increase of 92.2 per cent. Large increases are shown for the mining of copper and of lead and zinc. There was also a large increase in the case of anthracite coal, but on account of the coal strike in 1902 the figures for that year do not represent normal conditions. The percentage of increase in the bituminous coal-mining industry falls considerably below the average for all mining industries in the period under consideration. To some extent this is due to a decline in the average price of bituminous coal, for the tonnage produced increased more than 45 per cent.

Table 25, page 557, gives comparative statistics in detail for the years 1909 and 1902, by states. The following table presents certain figures for those states which show a relative increase in the value of products above the average for the United States:

STATE.	VALUE OF PRODUCTS.		Per cent of increase.
	1909	1902	
Louisiana.....	\$6,539,850	\$279,327	2,241.3
Florida.....	8,915,181	2,943,806	202.8
Minnesota.....	58,975,781	25,029,577	130.2
Nebraska.....	322,517	148,391	117.3
New Jersey.....	8,548,858	4,042,047	111.5
Illinois.....	77,214,345	37,377,226	106.6
California.....	59,012,946	28,611,307	106.3
Wisconsin.....	8,375,402	4,257,685	101.4
Washington.....	10,858,603	5,363,659	100.7
Kansas.....	18,386,812	9,526,060	93.0
North Dakota.....	504,812	325,967	73.3
Arkansas.....	4,704,784	2,840,341	67.8
Texas.....	11,096,588	6,737,606	64.7

Corresponding figures for those states in which the value of products showed an actual decrease from 1902 to 1909 are given in Table 8.

Table 8

STATE.	VALUE OF PRODUCTS.		Per cent of decrease.
	1909	1902	
Colorado.....	\$39,397,859	\$40,508,286	2.7
Massachusetts.....	4,332,218	4,499,401	3.7
South Dakota.....	6,915,788	6,607,777	4.2
Georgia.....	2,924,741	3,080,287	5.9
Maine.....	3,270,706	3,636,134	10.5
Maryland.....	8,164,122	7,162,113	13.9
Indiana.....	22,324,647	26,896,393	17.0
Oregon.....	1,237,292	2,087,389	40.7

Colorado and Indiana are the only important mining states that show a decrease in mining activity. This decline in Colorado is manifested not only in the value of products, but also in the amount expended for salaries and wages, which decreased 7.2 per cent, and for royalties, which shows a decrease of 4.4 per cent.

**Geographic distribution of the principal industries: 1909.**—Table 9 gives statistics, by leading states, for each of the nine leading mineral industries. A graphic presentation of the same facts is made in the following diagram:

## VALUE OF PRODUCTS, LEADING INDUSTRIES, BY STATES: 1909.

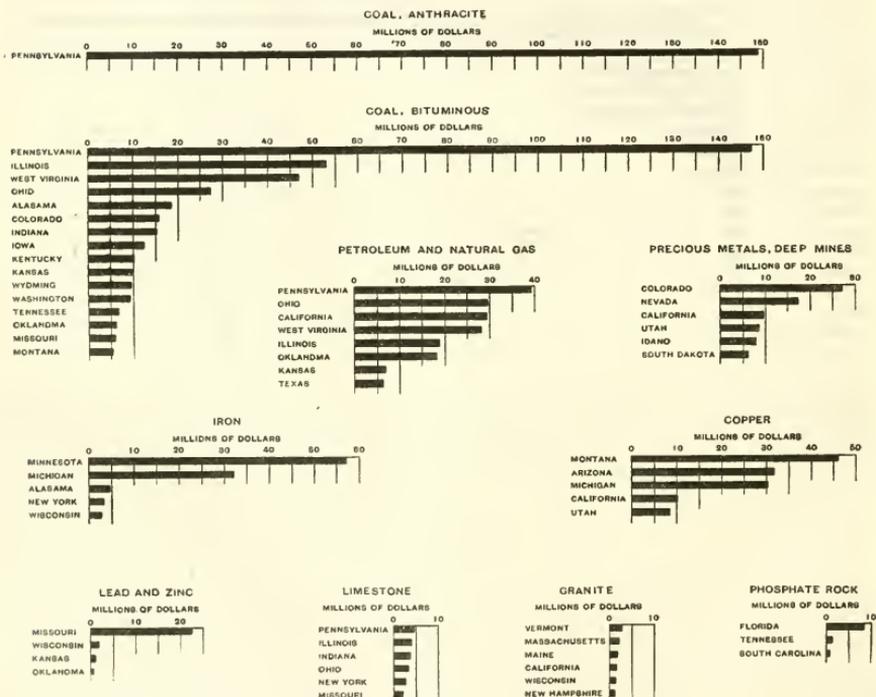


Table 9

INDUSTRY AND STATE.	Number of operators.	WAGE EARNERS (DEC. 15, OR NEAREST REPRESENTATIVE DAY).		VALUE OF PRODUCTS.	
		Number.	Per cent of total.	Amount.	Per cent of total.
<b>Coal, anthracite</b>	182	173,504	100.0	\$148,180,471	100.0
Pennsylvania	189	173,504	99.9	148,957,894	99.9
<b>Coal, bituminous</b>	3,503	569,739	100.0	427,962,464	100.0
Pennsylvania	659	184,408	32.4	147,466,417	34.5
Illinois	475	74,445	13.1	53,030,345	12.4
West Virginia	307	69,666	12.2	46,929,392	11.0
Ohio	441	44,405	7.8	27,353,663	6.4
Alabama	112	23,479	4.1	18,459,433	4.3
Colorado	86	15,461	2.7	15,782,197	3.7
Indiana	223	22,357	3.9	15,018,123	3.5
Iowa	258	17,623	3.1	12,682,196	3.0
Kentucky	249	19,655	3.4	10,903,481	2.5
Kansas	118	12,791	2.2	9,835,614	2.3
Wyoming	35	7,839	1.4	9,721,154	2.3
Washington	32	6,155	1.1	9,226,799	2.2
Tennessee	85	11,154	2.0	6,188,454	1.6
Oklahoma	86	8,314	1.5	6,185,078	1.5
Missouri	173	9,526	1.7	5,881,034	1.4
Montana	48	4,612	0.8	5,117,444	1.2
<b>Petroleum and natural gas</b>	7,793	39,831	100.0	185,416,684	100.0
Pennsylvania	3,039	7,397	18.6	39,197,475	21.1
Ohio	1,188	5,897	14.8	29,620,959	16.0
California	339	7,007	17.6	29,310,335	15.8
West Virginia	442	7,093	17.8	28,188,087	15.2
Illinois	323	4,059	10.2	18,886,815	10.2
Oklahoma	711	3,066	7.7	17,685,992	9.5
Kansas	217	1,302	3.3	6,681,790	3.6
Texas	163	1,408	3.5	6,390,515	3.4
<b>Copper</b>	181	53,143	100.0	134,616,987	100.0
Montana	35	13,697	25.8	43,929,857	32.1
Arizona	43	11,394	21.4	31,614,116	23.5
Michigan	7	19,023	35.8	30,163,443	22.4
California	9	2,340	4.4	10,104,373	7.5
Utah	22	3,304	6.2	8,432,099	6.3
<b>Iron</b>	176	52,230	100.0	106,947,682	100.0
Minnesota	20	16,218	31.1	37,070,135	35.4
Michigan	24	16,125	30.9	32,168,133	30.1
Alabama	25	5,666	10.8	4,939,149	4.6
New York	14	2,542	4.9	3,095,023	2.9
Wisconsin	6	1,453	2.8	2,972,584	2.8
<b>Precious metals, Deep mines</b>	1,694	33,616	100.0	83,885,928	100.0
Colorado	20	1,800	5.4	7,147,937	8.5
Nevada	218	3,818	11.4	17,807,455	21.2
California	295	6,622	19.7	9,690,956	11.6
Utah	108	3,466	10.3	5,541,552	6.6
Idaho	60	3,077	9.2	7,925,602	9.4
South Dakota	13	3,466	10.3	6,120,790	7.3
<b>Precious metals, Placer mines</b>	678	4,199	100.0	10,237,282	100.0
California	392	3,073	73.2	8,751,632	85.5
<b>Lead and zinc</b>	977	21,663	100.0	31,363,094	100.0
Missouri	617	16,219	75.5	22,565,528	71.9
Wisconsin	88	1,733	8.1	1,993,907	6.3
Kansas	189	848	3.9	1,059,549	3.4
Oklahoma	47	724	3.4	695,235	2.2
<b>Limestone</b>	1,665	37,695	100.0	29,832,452	100.0
Pennsylvania	311	7,179	19.0	4,733,819	15.9
Illinois	81	3,276	8.7	3,276,819	11.0
Indiana	126	3,724	9.9	3,616,696	12.1
Ohio	144	3,746	9.9	3,363,149	11.3
Ohio	144	3,194	8.5	2,556,142	8.9
New York	144	2,437	6.5	2,027,902	6.8
<b>Granite</b>	707	20,951	100.0	18,997,974	100.0
Vermont	51	2,053	9.9	2,829,522	14.9
Massachusetts	82	2,278	11.1	2,385,386	11.5
Maine	80	2,132	10.2	1,704,801	8.9
California	62	1,318	6.4	1,518,916	8.0
Wisconsin	21	1,448	7.0	1,483,105	7.7
New Hampshire	40	1,365	6.3	1,365,811	6.3
<b>Phosphate rock</b>	51	8,186	100.0	10,781,182	100.0
Florida	26	5,105	62.4	8,488,491	78.7
Tennessee	23	1,725	21.1	1,395,942	12.9
South Carolina	2	1,367	16.0	862,469	8.0

Statistics are given for each of the states where the industry in question is important either by reason of the absolute value of the product or of its proportion of the total for the industry. In most of the industries here shown the production is so concentrated that the states given represent upward of nine-tenths of the entire production, but in the case of the lead and zinc, limestone, and granite industries, the aggregate value of the products reported by the states named falls short of this fraction.

Of the value of the products of the bituminous coal mines in 1909, Pennsylvania contributed more than one-third, and a group of five states—Pennsylvania, West Virginia, Ohio, Indiana, and Illinois—together reported more than two-thirds of the total. Including those just named, the table shows 16 states, situated in all parts of the Union, which had a product valued at more than \$5,000,000. The anthracite coal production is practically confined to the state of Pennsylvania.

Petroleum and natural gas also show production centers in various parts of the country. Pennsylvania leads, with a little over one-fifth of the total value of products for the industry, but does not report so large a proportion of the total as in the case of coal.

More than one-third of the value of products for the copper industry in 1909 was represented by the product of Montana, while Arizona and Michigan each contributed over one-fifth. More than one-half of the value of products for the iron industry in 1909 was contributed by Minnesota and somewhat less than one-third by Michigan.

In the production of precious metals by placer mining California was the only important state, while nearly one-third of the value of products for deep mines was reported from Colorado and over one-fifth from Nevada. The production of Alaska is not included in the table, which relates exclusively to continental United States. It may, however, be noted that the canvass of mines in Alaska by the Bureau of the Census gave \$12,762,000 as the value of the products of placer mining in that territory. The inquiry of 1909 was the first attempt to secure information concerning placer mining in Alaska by census methods. The wide extent of the field and the difficulties of the inquiry lead to the belief that the product reported is considerably short of the actual product of the Alaska placer mines.

The lead and zinc industry is geographically far more closely concentrated than any thus far considered. In 1909 Missouri reported 71.9 per cent of the total value of products of this industry and employed 75.5 per cent of the wage earners engaged therein. The phosphate rock industry shows a marked concentration in the state of Florida, which reported 78.7 per cent of the total value of products and employed 62.4 per cent of all wage earners in the industry. On the other hand, the production of limestone and granite is widely distributed. In the case of the limestone industry, the six states which had a product exceeding \$2,000,000 in value together reported but little more than two-thirds of the total value of products; and in the case of the granite industry the six states having a product in excess of \$1,000,000 in value reported only 57.5 per cent of the total. In addition the variation in value of products among the states named in the table is much less marked in the case of these industries than in most of the other industries listed.

## PERSONS ENGAGED IN MINING INDUSTRIES.

The number of persons engaged in mining industries, by classes, was ascertained as far as possible for December 15 of the year 1909. In those cases, however, where the mines were not in operation on that date, or the time records for that date were not obtainable, the numbers were ascertained for the nearest representative date. In addition to this information, the number of wage earners, without classification, was ascertained for the 15th day of every month.<sup>1</sup>

The whole number of persons engaged in connection with producing mines, quarries, and wells, as reported on December 15, or the nearest representative day, was 1,139,332, of whom 1,065,283 were wage earners. Since the representative day was taken in some other month than December, in many cases, because the mines were not in operation on December 15, as stated above, this number of wage earners is greater than the number actually engaged at any given time. The greatest number simultaneously employed in all producing mines was 1,022,885, this number being reported for November 15. This does not, however, represent the entire number of persons who gave all or a part of their time to mining in 1909. The busiest months do not coincide for all mining industries nor for all mines within a given industry. Mining, moreover, affords some contrast to manufactures with respect to employment. Whereas in the manufacturing cities there is some opportunity for wage earners to pass from one industry where employment is temporarily slack to another where labor is in greater demand, there is rarely sufficient diversity of mining industries in a given locality to permit such a shifting. Furthermore, even within an industry as widespread as bituminous coal mining, distance would largely prevent the employees of a mine temporarily shut down from seeking employment in other coal mines. The total number of wage earners reported for December 15, or the nearest representative day, namely, 1,065,283, may therefore be accepted as less, if anything, than the total number of wage earners who derived a livelihood from mining during the year 1909.

**Distribution by sex and age.**—Table 10 shows the classification of the persons employed in producing mines on the 15th day of December, or the nearest representative day.

Women were employed only in supervisory and clerical capacities, none being reported as wage earners.

<sup>1</sup> It must be borne in mind that the business year for which returns were obtained did not in all cases coincide with the calendar year. As a result, the total for the month of December includes a few returns for December, 1908, when the business year ended before Dec. 31, 1909. In such cases it was assumed that the number employed on the 15th day of December, 1909, was approximately equal to the number reported for Dec. 15, 1908. The same applies to the figures for other months, some of which were reported for 1908 and others for 1910. The statistics of the number of wage earners must, therefore, be regarded as approximations; they are sufficiently close, however, for purposes of general comparison.

ers in mining operations proper. It will be noted, moreover, that the reported number of boys under 16 years of age, 8,151, is less than 1 per cent of the whole number of wage earners employed.

Table 10

CLASS.	PERSONS ENGAGED IN PRODUCING ENTERPRISES: 1909		
	Total.	Male.	Female.
All classes.....	1,139,332	1,135,529	3,804
Proprietors and officials.....	49,374	47,931	1,443
Proprietors and firm members.....	29,922	28,271	1,351
Salaries officers of corporations.....	5,657	5,377	80
Superintendents and managers.....	13,795	13,783	12
Clerks and other salaried employees.....	1,065,283	92,314	2,361
Wage earners.....	1,065,283	1,065,283	.....
16 years of age and over.....	1,057,132	1,057,132	.....
Under 16 years of age.....	8,151	8,151	.....

**Distribution by industrial status.**—Table 11 shows for all mining industries and for the nine most important industries separately the distribution of the persons engaged in producing enterprises according to general character of occupation or industrial status, together with the percentage that each class forms of the total.

Table 11

INDUSTRY.	PERSONS ENGAGED IN PRODUCING ENTERPRISES: 1909							
	Total.	Number.				Per cent of total.		
		Proprietors and officials.	Clerks and other salaried employees.	Wage earners.	Proprietors and officials.	Clerks and other salaried employees.	Wage earners.	
All industries.....	1,139,332	49,374	24,675	1,065,283	4.3	2.2	93.5	
Coal.....	770,681	12,935	14,453	743,293	1.7	1.9	96.4	
Anthracite.....	178,004	1,315	3,185	173,504	0.7	1.8	97.5	
Bituminous.....	592,677	11,620	11,268	569,789	2.0	1.9	96.1	
Petroleum and natural gas.....	62,172	19,353	2,988	39,831	31.1	4.8	64.1	
Copper.....	55,258	691	1,454	53,143	1.1	2.7	96.2	
Iron.....	55,176	1,109	1,857	52,209	2.1	3.3	94.6	
Precious metals.....	43,191	4,598	868	37,815	10.4	2.0	87.6	
Lead and zinc.....	24,397	2,525	269	21,603	10.4	1.1	88.5	
Limestone.....	4,029	2,645	689	37,695	6.4	1.7	91.9	
Granite.....	22,211	1,248	402	20,561	5.6	1.8	92.6	
Phosphate rock.....	8,573	214	173	8,186	2.5	2.0	95.5	

Of the whole number of persons engaged in producing enterprises, 4.3 per cent were proprietors and officials, 2.2 per cent were clerks and other salaried employees, and 93.5 per cent were wage earners. The proportion of proprietors and officials ranges, among the industries given, from 1.1 per cent in the copper industry to 31.1 per cent in the petroleum and natural gas industry. Large proportions for proprietors and officials occur also in the production of the precious metals and of lead and zinc. In the anthracite branch of the coal industry proprietors and officials formed only 0.7 per cent of all persons engaged in the industry. The range of difference with respect to the proportion of clerks is much less than with respect to the proportion of proprietors and officials.

**Proprietors performing manual labor.**—Table 12 gives, for the principal mining industries, the number of proprietors and firm members compared with the number and percentage who perform manual labor.

INDUSTRY.	PROPRIETORS AND FIRM MEMBERS IN PRODUCING ENTERPRISES: 1909		
	Total.	Performing manual labor.	
		Number.	Per cent.
<b>All industries</b> .....	<b>23,922</b>	<b>8,861</b>	<b>23.6</b>
Coal, bituminous.....	3,739	1,713	45.8
Petroleum and natural gas.....	16,213	2,155	13.3
<b>Precious metals:</b>			
Flour mines.....	951	673	70.8
Deep mines.....	2,011	951	47.3
Lead and zinc.....	1,947	1,171	60.1
Limestone.....	1,634	640	39.2
Granite.....	730	318	43.6

Mine operators of the old type who operate their mines without the assistance of hired help or with little help are still quite numerous, as appears from the fact that out of a total of 29,922 proprietors and

firm members in 1909, 8,861, or nearly three-tenths, were personally performing manual labor in or about their enterprises. The industries in which proprietors of this type were relatively the most numerous include bituminous coal mining, in which 45.8 per cent of the proprietors and firm members were performing manual labor; lead and zinc mining, and placer mining (surface gold washing), in each of which industries a majority of the proprietors were working in their own mines; and deep gold and silver mines, in which nearly one-half of all proprietors belonged to this class. There are also a considerable number of proprietors and firm members performing manual labor in the petroleum and natural gas industry, but as the whole number of proprietors and firm members is very large, they constitute a comparatively small percentage of the total.

**Wage earners by occupation.**—Table 13 gives for all mining industries and for the nine most important industries separately the number of wage earners in producing mines classified by specific occupation and by age group, distinguishing those who work above and those who work below ground.

CLASS OF WAGE EARNERS.	All mining industries.	COAL.								Petroleum and natural gas.	Copper.	Iron.	Precious metals.	Lead and zinc.	Limestone.	Granite.	Phosphate rock.
		Total.	Bituminous.	Anthracite.	Anthracite.	Copper.	Iron.	Precious metals.	Lead and zinc.								
<b>All wage earners (producing enterprises only)</b> .....	<b>1,085,283</b>	<b>743,293</b>	<b>569,789</b>	<b>173,564</b>	<b>39,831</b>	<b>53,143</b>	<b>52,230</b>	<b>37,815</b>	<b>21,503</b>	<b>37,695</b>	<b>20,561</b>	<b>8,185</b>					
<b>Men 16 years of age and over</b> .....	1,057,152	726,225	556,068	170,257	39,820	53,077	51,741	37,903	21,573	37,572	20,474	8,119					
Engineers, firemen, mechanics, etc.....	103,939	42,698	29,828	12,272	27,063	6,890	7,073	5,710	3,745	4,224	1,921	1,049					
Miners, miners' helpers, quarrymen, and stonecutters.....	627,513	467,179	384,623	83,156	28,570	24,926	21,855	12,532	25,748	14,200	4,375	2,685					
All other wage earners.....	326,100	227,048	132,210	74,829	12,737	17,647	19,742	10,298	5,276	8,000	4,263	1,695					
Boys under 16 years of age.....	8,151	6,968	3,721	3,247	11	66	489	12	30	123	87	67					
<b>Above ground, total</b> .....	366,962	142,843	97,090	48,753	39,831	22,481	24,889	15,333	8,662	37,695	20,561	7,925					
Men 16 years of age and over.....	361,928	138,792	93,273	45,519	39,820	22,420	24,569	15,324	8,667	37,572	20,474	7,888					
Engineers, firemen, mechanics, etc.....	95,586	34,141	24,389	9,752	27,063	6,238	4,597	5,112	3,484	3,224	1,921	1,049					
Miners, miners' helpers, quarrymen, and stonecutters.....	78,380																
All other wage earners.....	189,962	104,651	68,844	35,767	12,737	14,913	15,276	7,942	4,626	8,000	4,263	2,692					
Boys under 16 years of age.....	5,654	4,051	817	3,244	11	61	320	9	25	123	87	67					
<b>Below ground, total</b> .....	698,321	600,450	475,699	124,751													
Men 16 years of age and over.....	695,204	597,533	472,795	124,738													
Engineers, firemen, mechanics, etc.....	9,933	7,957	5,817	2,520													
Miners and miners' helpers.....	599,133	497,179	384,623	83,156													
All other wage earners.....	136,138	122,397	83,335	39,662													
Boys under 16 years of age.....	3,117	2,917	2,904	13													

This table gives further information in regard to the employment of boys under 16 years of age. Only eight-tenths of 1 per cent of the wage earners in all mining industries were boys under 16 years of age, and of these only three-eighths were employed below ground. The largest number of boys under 16 years of age (3,721) were employed in bituminous coal mining, though 3,247 were employed in the anthracite coal-mining industry, where they formed nearly 2 per cent of the whole number of wage earners—a higher percentage than in any other industry shown in the table. Most of the boys in the anthracite coal industry, however, were employed above ground. In none of the other industries shown in the table did the proportion of boys under 16 years of age reach 1 per cent of the whole number of wage earners.

Miners and miners' helpers, quarrymen, and stonecutters constitute the most numerous class of wage earners, forming, in 1909, 58.9 per cent of the whole number employed in all industries combined. The proportion of miners and miners' helpers reached 67.1 per cent in the bituminous coal industry and 47.9 per cent in anthracite coal mining. It was about the same in the iron mines, but somewhat greater in the other industries employing miners. In the limestone and granite industries quarrymen and stonecutters are naturally the largest numerical group.

The wage earners included under the heading of "Engineers, firemen, mechanics, etc.," constituted 9.7 per cent of all wage earners employed in mining in 1909. The proportion was lowest in the coal industry, where such wage earners formed 5.7 per cent

of the total, and highest in the petroleum and natural gas industry, where they constituted 67.9 per cent. The miscellaneous group "All other wage earners," which is composed mostly of unskilled laborers, comprised 30.6 per cent of all wage earners employed. The proportion in this class was largest in anthracite coal mining (43.1 per cent) and smallest in the granite industry (20.7 per cent).

In all mining industries about one-third of the wage earners (34.4 per cent) were employed above ground and about two-thirds (65.6 per cent) below ground. The two branches of the coal-mining industry have a larger proportion of their wage earners below ground than any other mining industry. In the phosphate rock industry only 3.2 per cent of the wage earners were employed below ground, while three of the industries named in the table—the petroleum and natural gas, limestone, and granite industries—are exclusively surface industries.

**Contract work.**—In addition to the work performed by wage earners regularly engaged in mining and by the proprietors who contribute their own labor to the operation of the mines, a portion of the work incident to mining is done by contract. The number of wage earners employed by contractors can not be ascertained, because the work is temporary and the same men after completing one job are shifted to another place. A special form of contract work common in certain metalliferous mines is the working of mines in return for a share of the product. Under this system a miner "leases" a block in a mine on a royalty basis; the product is delivered by him to the mine owner, who disposes of it, deducts the royalty, and pays the "lessee" his share. In the operation of petroleum and natural gas wells, little labor is required. This condition has called into existence a special class of mechanics who contract with individual operators to take care of their properties, devoting to each property only a part of their time.

The relative importance of work done under contract, as compared with the work performed by regular wage earners, is shown by a comparison of the total amount paid out in wages with the total expenditure for contract work. While the total wages paid in the United States in 1909 amounted to \$586,774,000, the total expenditure for contract work amounted to \$28,888,000, which included \$3,798,000 paid to miners compensated by a share of the product, and \$1,035,000 paid to part-time men for taking care of petroleum and natural gas wells. There were 3,261 operators, or 16.4 per cent of the total number in the United States, whose properties were operated exclusively by contract work, as defined above. This form of operation was more or less general with operators of petroleum and natural gas wells, of whom 3,021, or 38.8 per cent, belonged to this class. Next in point of numbers were 104 operators of deep mines of precious metals, or 6.5 per cent of all operators engaged in

that industry, who employed contract labor exclusively. In all other industries combined this class included only 136 operators, or 1.3 per cent of the total.

**Number of persons employed, by months.**—Table 14 shows the number of wage earners reported for the 15th of each month in producing enterprises in all mining industries combined and in coal mining separately, the latter industry, as already noted, including nearly 70 per cent of all wage earners in producing enterprises.

MONTH.	WAGE EARNERS IN PRODUCING ENTERPRISES: 1909					
	All mining industries.		Coal.		All other mining industries.	
	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.
January.....	940,119	91.9	601,244	94.8	248,875	80.7
February.....	936,418	91.5	686,322	94.1	250,096	81.2
March.....	943,903	92.2	679,791	93.2	265,712	83.5
April.....	928,563	90.8	649,570	89.1	278,693	80.4
May.....	937,002	91.6	648,592	88.7	290,410	94.2
June.....	949,615	92.8	632,894	89.5	296,721	96.2
July.....	961,940	94.0	659,434	90.4	302,506	98.1
August.....	971,268	95.0	667,146	91.5	304,117	98.6
September.....	993,075	97.1	685,234	94.0	307,841	99.8
October.....	1,013,326	99.1	704,509	96.7	308,867	100.0
November.....	1,022,885	100.0	729,341	98.8	303,544	98.1
December.....	1,013,805	99.1	728,273	100.0	284,622	92.3

For all industries combined the largest number of wage earners, 1,022,885, was reported for November and the smallest, 928,563, or 90.8 per cent of the maximum, for April. The figure for April, however, is only slightly below the figures for the three preceding months of the year. From April to November the number increased gradually, but December showed a slight falling off. In coal mining the month of greatest activity was December, and that of least activity was May, when the number employed was equal to 88.7 per cent of the number employed in December. From May to December there was a steady increase in the number of wage earners employed. It should be noted that the figures in this table furnish only a most unsatisfactory indication of the regularity of employment. In the coal-mining industry in particular many mines operate only part of the days each week or each month, and while the number of wage earners on the rolls on the 15th of the month (which is more often reported than the number actually drawing pay) may be substantially the same from month to month, yet the average number of days each miner works during the year may be much less than the possible number of working days. In other words, there is a good deal of unemployment so distributed through the year as not to cause much fluctuation in the monthly returns.

For the principal industries Table 15 shows the month of maximum and of minimum employment, the number reported for each of these months, and the percentage which the minimum represents of the maximum.

Table 15

INDUSTRY.	WAGE EARNERS IN PRODUCING ENTERPRISES: 1909				
	Maximum.		Minimum.		Per cent of maximum.
	Month.	Number.	Month.	Number.	
<b>All industries.....</b>	Nov....	1,022,885	Apr.....	928,563	90.8
Coal.....	Dec....	729,273	May....	646,592	88.7
Anthracite.....	Mar....	173,025	Aug....	165,749	95.8
Bituminous.....	Dec....	550,089	May....	478,855	85.4
Petroleum and natural gas.....	Nov....	39,932	Feb....	33,521	83.9
Copper.....	Oct....	53,148	Dec....	50,151	94.4
Iron.....	Oct....	51,052	Jan....	43,491	85.2
Precious metals.....	July....	33,869	Dec....	30,751	90.8
Lead and zinc.....	Dec....	18,374	Jan....	15,350	83.4
Limestone.....	Sept..	37,209	Jan....	17,908	48.1
Granite.....	Sept..	21,899	Jan....	13,732	62.7
Phosphate rock.....	July....	8,114	Oct....	7,616	93.8

The coal industry is divided in this table into its two constituent branches. Anthracite mining shows greater regularity of employment from month to month than bituminous mining. It will be noted that the months of maximum and minimum employment for the two branches do not correspond. For the remaining industries the month of maximum employment is generally in the fall of the year except in the case of the production of precious metals and of phosphate rock, where it is July. The quarrying industries, limestone and granite quarrying, show a wide divergence between the months of maximum and minimum employment, due to the fact that they are surface industries and much affected by weather conditions. For both industries the smallest number of wage earners was reported for January.

**Prevailing hours of labor.**—In Table 16 producing mines and quarries have been classified according to the prevailing hours of labor per day in each enterprise. Petroleum and natural gas wells are not included in this table, because many of them are operated without hired labor, or by men who give to each enterprise only a part of their time. Neither are those enterprises included in which all labor is performed by contractors. The table shows the percentage of the total number of enterprises falling into each group, and a percentage distribution in which each enterprise has been given a weight according to the total number of wage earners employed on December 15, 1909, or the nearest representative day. It should be clearly borne in mind that these latter percentages do not show precisely the proportion of the total number of wage earners working the specified number of hours per day, since in many cases some of the employees work a greater or less number of hours than those generally prevailing in the enterprise. The table shows that about one-half of the enterprises have adopted the 8-hour day, while the other half are operated on a 9-hour or 10-hour basis. There is considerable variation in this respect among the several mining industries. The prevailing hours are 8 or less per shift in more than nine-tenths of the deep gold and silver mines, more

than five-sixths of the copper mines, about three-fourths of the lead and zinc mines, more than two-thirds of the bituminous coal mines, about three-fifths of the placer mines, and slightly less than one-half of the granite quarries. The 9-hour shift is predominant in anthracite coal mines and the 10-hour day in iron mines, limestone quarries, and the phosphate rock industry. In very few mines do the prevailing hours exceed 10 per shift, the only conspicuous exception being the phosphate rock industry, in which 11 or 12 hours per shift constitute the prevailing hours for over one-fourth of the enterprises.

Table 16

INDUSTRY AND HOURS PER DAY.	ENTERPRISES.		Per cent distribution of enterprises weighted according to number of wage earners.
	Number.	Per cent.	
<b>All industries.....</b>	<b>12,192</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	4,876	40.2	44.5
9 hours.....	1,822	14.9	26.9
10 hours.....	4,993	36.0	27.5
11 hours.....	311	2.6	0.3
12 hours.....	70	0.6	0.8
<b>Coal, anthracite.....</b>	<b>353</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	12	3.7	1.7
9 hours.....	289	81.9	97.9
10 hours.....	50	14.1	0.4
12 hours.....	1	0.3	( <sup>1</sup> )
<b>Coal, bituminous.....</b>	<b>4,284</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	2,922	68.2	59.5
9 hours.....	554	12.9	13.9
10 hours.....	804	18.8	25.7
12 hours.....	4	0.1	0.9
<b>Copper.....</b>	<b>200</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	170	85.0	81.8
9 hours.....	17	8.5	12.5
10 hours.....	12	6.0	5.3
12 hours.....	1	0.5	0.4
<b>Iron.....</b>	<b>293</b>	<b>100.0</b>	<b>100.0</b>
8 hours.....	15	5.1	3.9
9 hours.....	19	6.5	3.9
10 hours.....	254	86.7	90.4
11 hours.....	4	1.4	1.5
12 hours.....	1	0.3	0.3
<b>Precious metals, Deep mines.....</b>	<b>1,302</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	1,192	91.6	95.4
9 hours.....	49	3.8	2.7
10 hours.....	45	3.5	1.7
12 hours.....	16	1.2	0.2
<b>Precious metals, Placer mines.....</b>	<b>485</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	288	59.4	69.5
9 hours.....	46	9.5	12.2
10 hours.....	138	28.5	15.0
11 hours.....	4	0.8	1.6
12 hours.....	9	1.9	1.7
<b>Lead and zinc.....</b>	<b>897</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	597	74.0	82.1
9 hours.....	139	16.1	8.0
10 hours.....	70	8.7	9.6
11 hours.....	4	0.1	0.2
12 hours.....	9	1.1	0.1
<b>Limestone.....</b>	<b>1,544</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	139	7.8	3.4
9 hours.....	187	12.1	6.3
10 hours.....	1,233	79.7	86.8
11 hours.....	4	0.3	0.4
12 hours.....	2	0.1	1.1
<b>Granite.....</b>	<b>692</b>	<b>100.0</b>	<b>100.0</b>
8 hours.....	332	48.9	54.6
9 hours.....	171	24.7	18.5
10 hours.....	188	27.2	26.7
11 hours.....	1	0.1	0.2
<b>Phosphate rock.....</b>	<b>69</b>	<b>100.0</b>	<b>100.0</b>
8 hours.....	1	1.4	( <sup>1</sup> )
9 hours.....	50	72.3	67.5
10 hours.....	8	11.6	11.8
12 hours.....	10	14.5	29.7

<sup>1</sup> Less than one-tenth of 1 per cent.

## LAND TENURE.

In mining, as in agriculture, the land is the source from which wealth is drawn, and the control of land is an important factor in mining operations. The Thirteenth Census was the first at which the inquiry into land tenure was extended to all branches of the

mining industry. Table 17 gives, for all mining industries combined and for the nine most important industries separately, statistics of the land controlled, distinguishing the character of the land and also the form of tenure.

Table 17

ACREAGE OF LAND CONTROLLED BY PRODUCING ENTERPRISES: 1909

INDUSTRY.	All land.							Mineral and oil land.			Timber land.	Other land.
	Total.	Owned.	Held under lease.	Percent owned.	Total.	Owned.	Held under lease.					
<b>All industries</b> .....	24,215,611	19,389,121	14,838,179	38.8	21,414,662	16,920,673	14,604,964	1,138,901	1,662,048			
Coal.....	5,182,749	15,822,110	12,242,338	6.47	6,847,545	2,732,356	2,125,964	435,216	899,988			
Anthracite.....	465,134	1,316,867	1,159,956	68.1	274,339	183,144	162,190	71,831	118,924			
Bituminous.....	7,717,615	5,635,243	2,082,372	73.0	6,573,186	4,549,412	2,023,774	363,365	781,064			
Petroleum and natural gas.....	12,694,838	686,268	12,008,570	5.4	12,694,838	686,268	12,008,570	4,053	90,966			
Copper.....	275,398	270,771	4,827	98.2	126,851	122,798	4,053	57,781	90,966			
Iron.....	1,313,214	1,094,227	248,967	81.0	387,608	282,661	104,947	456,682	468,324			
Precious metals.....	588,363	461,158	127,105	78.4	469,455	397,097	72,358	33,745	85,063			
Lead and zinc.....	125,322	162,569	22,733	81.8	163,555	51,418	22,137	10,139	11,647			
Limestone.....	128,495	96,684	32,411	74.8	88,152	58,774	29,378	9,176	31,167			
Granite.....	31,398	42,960	8,498	83.6	39,548	32,635	7,313	3,266	5,884			
Phosphate rock.....	360,697	327,736	12,971	96.2	245,221	230,465	12,510	92,580	4,396			

<sup>1</sup> Inclusive of 11,689 acres reported both in acreage owned and acreage held under lease.

<sup>2</sup> Inclusive of 10,975 acres reported both in acreage owned and acreage held under lease.

The total acreage of all land controlled by producing enterprises was 24,216,000 acres. Of course, not all of this area was in actual use, large tracts being held in reserve. The greater part of this land was mineral and oil land, but there were 1,139,000 acres of timber land and 1,662,000 acres of other land. Under these two headings are comprised land which had not been prospected and whose mineral resources were still unknown, as well as some land used for building and other purposes.

In comparing the statistics of land controlled for different industries or different states, it should be noted that the area of land is not necessarily an index of the importance of the holdings, as some land is far more rich in minerals than other land.

Of the total area controlled by operators of mining enterprises in 1909, more than one-half was connected with the petroleum and natural gas industries. Of the remainder, by far the largest part was reported for the coal industry. The holdings of the bituminous mines are far more extensive in comparison with the value of the products of those mines than those of the anthracite mines. The holdings of land by operators of iron mines are also very considerable. Some indication of the amount of reserve land held

in the different industries is afforded by the proportion reported under the description of "Timber land" and "Other land." This proportion is greatest in the iron industry.

Of the total amount of land controlled by mine operators, 38.8 per cent was owned by the operators themselves and the remainder held under lease. The petroleum and natural gas industry, in which most of the land is held under lease, presents a marked contrast to all the other industries shown in the table. Excluding the land controlled in the petroleum and natural gas industry, operators in other mining industries controlled 11,521,000 acres, of which 8,703,000 acres, or 75.5 per cent, were owned by the operators. The two industries showing the widest departure from this proportion are the copper industry, in which the operators owned 98.2 per cent of the land controlled, and the phosphate rock industry, where the proportion of land owned was 96.2 per cent. The proportions owned in the coal industry and its two branches—72.7 per cent for the industry as a whole, 68.1 per cent for the anthracite branch, and 73 per cent for the bituminous branch—fell somewhat below the proportion given above for all mining industries exclusive of the petroleum and natural gas industry.

## FORM OF ORGANIZATION.

Table 18 on the next page has for its purpose the presentation of conditions with respect to the form of organization of producing mining enterprises for all mining industries combined and the nine leading industries separately.

The most important distinction brought out by the table is that between corporate and all other forms of organization. Among 19,915 operators of producing mines, quarries, and wells, 7,041, or 35.4 per cent, were corporations. These incorporated enterprises,

however, employed 90.6 per cent of the wage earners engaged in mining enterprises, and reported 91.4 per cent of the total value of products. Individuals formed 32.1 per cent of the whole number of operators, but they employed only 3.9 per cent of the wage earners and are credited with only 3 per cent of the total value of products. The proportions for firms differ but little from those for individuals, being slightly less in the case of the number of operators and slightly greater in the case of the number of wage earners and the value of products. Moreover, it may be noted that while the average value of products was \$160,832 per operator for corporations, it was only \$9,136 for firms and only \$5,723 for individuals.

Corporations constituted a majority of the operators in the phosphate rock industry (88.2 per cent), the iron industry (73.3 per cent), the copper industry (67.4 per cent), and the coal industry (52.6 per cent). In the copper industry corporations employed 99 per cent of the total number of wage earners. Other industries where a very large percentage of the wage earners were employed by corporations are iron mining (98.1 per cent), the phosphate rock industry (95.8 per cent), and coal mining (93.6 per cent). More than 90 per cent of the total value of products in the mining industry as a whole was credited to corporations. The largest percentages for the individual industries were as follows: The iron industry, 99.6 per cent; the copper industry, 99.1 per cent; the phosphate rock industry, 96.4 per cent; the coal-mining industry, 94.4 per cent; and the precious metal industries, 92.2 per cent. The two quarrying industries—the limestone and granite industries—are the only ones shown in the table in which as much as 25 per cent of the total value of products is credited to other than corporate enterprises.

Table 18

INDUSTRY AND FORM OF ORGANIZATION.	PRODUCING ENTERPRISES: 1909				PER CENT OF TOTAL.	
	Number of operators.	Number of wage earners.	Value of products.		Number of operators.	Wage earners.
			Total.	Per operator.		
<b>All industries.....</b>	<b>19,315</b>	<b>1,065,283</b>	<b>\$1,238,410,322</b>	<b>\$62,185</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	6,387	41,908	36,513,114	5,723	32.3	3.0
Firm.....	6,262	50,777	57,209,620	9,136	31.4	4.8
Corporation.....	7,041	866,483	1,132,418,788	160,832	35.4	91.4
Other.....	225	7,115	12,220,830	54,309	1.1	0.6
<b>Coal.....</b>	<b>3,685</b>	<b>742,283</b>	<b>\$77,142,935</b>	<b>156,133</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	1,058	17,475	10,496,068	9,915	28.6	2.4
Firm.....	664	24,699	17,131,132	25,770	18.0	3.7
Corporation.....	1,942	695,985	544,885,641	280,883	52.4	93.6
Other.....	31	5,134	4,656,094	\$30,197	0.8	0.3
<b>Petroleum and natural gas.....</b>	<b>7,753</b>	<b>39,831</b>	<b>185,416,684</b>	<b>23,793</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	2,288	2,020	9,662,086	4,204	29.5	5.1
Firm.....	3,360	3,083	18,854,985	5,641	39.5	8.2
Corporation.....	1,966	32,636	149,358,498	75,971	25.2	81.9
Other.....	169	2,090	7,441,115	44,000	2.2	5.3
<b>Copper.....</b>	<b>161</b>	<b>83,143</b>	<b>134,616,987</b>	<b>836,130</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	26	168	163,808	6,304	16.3	0.3
Firm.....	26	344	1,038,831	39,853	46.8	9.2
Corporation.....	109	82,611	133,443,248	1,223,984	67.3	99.0
<b>Iron.....</b>	<b>176</b>	<b>82,230</b>	<b>106,947,982</b>	<b>607,654</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	23	481	222,946	9,663	13.1	0.9
Firm.....	24	836	201,411	8,262	13.6	1.0
Corporation.....	129	51,213	106,528,725	820,757	73.3	98.1
<b>Precious metals.....</b>	<b>2,282</b>	<b>37,818</b>	<b>\$4,120,180</b>	<b>42,146</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	622	2,891	3,228,424	5,190	27.3	6.9
Firm.....	674	2,783	3,997,463	5,931	29.5	7.4
Corporation.....	976	32,252	86,740,458	88,884	42.8	85.2
Other.....	10	209	146,835	13,684	0.4	0.5
<b>Lead and zinc.....</b>	<b>977</b>	<b>21,603</b>	<b>31,363,994</b>	<b>32,101</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	89	779	824,304	9,264	9.1	3.6
Firm.....	522	2,926	3,601,599	6,999	53.4	13.5
Corporation.....	366	17,898	26,957,091	75,998	37.5	82.9
<b>Limestone.....</b>	<b>1,665</b>	<b>37,655</b>	<b>38,832,482</b>	<b>17,917</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	911	7,81	4,151,653	4,960	54.7	29.7
Firm.....	295	5,178	3,486,343	11,818	17.7	13.7
Corporation.....	454	24,551	22,060,746	48,017	25.1	65.1
Other.....	8	185	167,748	12,944	0.6	0.5
<b>Granite.....</b>	<b>707</b>	<b>20,861</b>	<b>18,977,976</b>	<b>26,871</b>	<b>100.0</b>	<b>100.0</b>
Individual.....	32	7,845	9,029,140	35,7	18.2	16.0
Firm.....	166	3,223	2,967,838	17,879	23.5	15.5
Corporation.....	215	13,490	12,922,639	60,107	36.4	65.6
Other.....	3	301	76,849	25,960	4.4	0.4
<b>Phosphate rock.....</b>	<b>51</b>	<b>8,186</b>	<b>10,781,192</b>	<b>211,396</b>	<b>100.0</b>	<b>100.0</b>
Firm.....	6	346	389,207	64,868	11.8	4.2
Corporation.....	45	7,840	10,391,985	230,933	88.2	95.8

## SIZE OF ENTERPRISES.

The tendency toward concentration in the mining industries can be measured by a classification of mine operators according to the number of wage earners employed or according to the value of the products per operator.

Classification according to number of wage earners.—Table 19, on the next page, gives, for all mineral industries combined and for the most important individual industries, a classification of producing enterprises according to the number of wage earners employed, and shows for each class the number of operators and the number of wage earners. It does not include those mines and quarries which were worked on contract or for a share of the product, nor does it include the petroleum and gas wells which were cared for by part-time employees.

It is worthy of note that the most numerous type of mine operator is the small producer, about three-fifths of all operators employing only from 1 to 20 men each,

while more than one-tenth of all operators employed no wage earners at all. On the other hand, more than one-half of the total number of mine workers were employed by operators employing more than 500 men each, although such operators constituted only 1.7 per cent of the total number of operators. The degree of concentration varies in different industries. In anthracite coal mining over five-sixths of all wage earners were employed by the 18 largest operators, each of whom employed 1,000 or more men. Copper mining follows next, three-fourths of the wage earners in this industry being employed by the 12 largest operators, with a force of over 1,000 men each. Iron mining holds the third place, with 9 operators of this class employing more than one-half of the wage earners. There is also a large degree of concentration in bituminous coal mining, where 77 operators of this class, constituting 2.2 per cent of the total number, employed nearly one-half of the wage earners.

In the production of petroleum and natural gas the degree of concentration is not as high as in the mining of coal, iron, and copper; the 8 largest operators, however, employed over two-fifths of the wage

earners. On the other hand, in precious metal mining, lead and zinc mining, and stone quarrying, small-scale production is still the predominant type.

Table 19

INDUSTRY AND NUMBER OF WAGE EARNERS <sup>1</sup> PER OPERATOR.	PRODUCING ENTERPRISES: 1909				INDUSTRY AND NUMBER OF WAGE EARNERS <sup>1</sup> PER OPERATOR.	PRODUCING ENTERPRISES: 1909			
	Operators.		Wage earners. <sup>1</sup>			Operators.		Wage earners. <sup>1</sup>	
	Number.	Per cent distribution.	Number.	Per cent distribution.		Number.	Per cent distribution.	Number.	Per cent distribution.
<b>All industries</b>	<b>16,657</b>	<b>100.0</b>	<b>1,065,283</b>	<b>100.0</b>					
No wage earners.....	2,187	13.1	7,178	0.7	<b>Iron</b>	<b>173</b>	<b>100.0</b>	<b>52,230</b>	<b>100.0</b>
1 to 5.....	6,292	37.8	14,788	1.4	No wage earners.....	4	2.3	39	0.1
6 to 20.....	3,837	23.0	45,063	4.0	1 to 5.....	12	6.9	120	0.2
21 to 50.....	1,973	11.8	64,327	6.0	6 to 20.....	30	17.1	374	0.7
51 to 100.....	983	5.9	71,045	6.7	21 to 50.....	36	20.8	1,227	2.4
101 to 500.....	1,105	6.6	242,959	22.8	51 to 100.....	24	13.9	1,742	3.3
501 to 1,000.....	155	0.9	110,191	10.3	101 to 500.....	11	6.3	11,399	21.8
Over 1,000.....	125	0.8	538,850	48.7	501 to 1,000.....	9	5.2	7,132	13.7
					Over 1,000.....	9	5.2	30,317	58.0
<b>Anthracite coal</b>	<b>192</b>	<b>100.0</b>	<b>173,504</b>	<b>100.0</b>	<b>Precious metals</b>	<b>2,169</b>	<b>100.0</b>	<b>37,815</b>	<b>100.0</b>
No wage earners.....	7	3.6	1,782	1.0	No wage earners.....	378	17.4	2,330	6.2
1 to 5.....	39	20.3	317	0.2	1 to 5.....	913	42.1	5,802	15.3
6 to 20.....	19	9.9	612	0.3	6 to 20.....	827	38.3	5,802	15.3
21 to 50.....	19	9.9	1,429	0.8	21 to 50.....	203	9.4	6,648	17.6
51 to 100.....	44	22.9	12,082	7.0	Over 50.....	148	6.8	23,035	60.9
101 to 500.....	18	9.4	11,857	6.8	<b>Lead and zinc</b>	<b>950</b>	<b>100.0</b>	<b>21,603</b>	<b>100.0</b>
501 to 1,000.....	18	9.4	147,075	84.8	No wage earners.....	133	14.0	214	1.0
Over 1,000.....					1 to 5.....	293	30.9	3,900	16.2
					6 to 20.....	289	30.4	3,500	16.2
<b>Bituminous coal</b>	<b>3,478</b>	<b>100.0</b>	<b>569,789</b>	<b>100.0</b>	21 to 50.....	184	19.1	5,910	27.4
No wage earners.....	30	0.7	1,020	0.2	51 to 100.....	39	4.1	2,601	12.4
1 to 5.....	600	17.3	2,162	0.4	101 to 500.....	5	0.5	328	1.5
6 to 20.....	393	27.0	10,183	1.8	501 to 1,000.....	4	0.4	3,346	15.5
21 to 50.....	575	33.9	18,238	3.3	Over 1,000.....	3	0.3	4,317	20.9
51 to 100.....	466	13.4	33,820	5.9	<b>Limestone</b>	<b>1,642</b>	<b>100.0</b>	<b>37,695</b>	<b>100.0</b>
101 to 500.....	163	19.9	136,323	27.5	No wage earners.....	96	5.9	1,433	3.8
501 to 1,000.....	102	3.0	75,317	12.9	1 to 5.....	565	34.4	6,158	16.4
Over 1,000.....	77	2.2	274,956	48.2	6 to 20.....	526	32.0	6,158	16.4
					21 to 50.....	282	17.2	9,291	24.4
<b>Petroleum and natural gas</b>	<b>4,772</b>	<b>100.0</b>	<b>39,831</b>	<b>100.0</b>	51 to 100.....	104	6.3	7,452	19.7
No wage earners.....	1,324	27.7	4,875	12.2	Over 100.....	69	4.2	15,441	35.7
1 to 5.....	2,749	57.6	4,875	12.2	<b>Granite</b>	<b>704</b>	<b>100.0</b>	<b>20,661</b>	<b>100.0</b>
6 to 20.....	519	10.9	3,335	8.3	No wage earners.....	10	1.4	199	1.0
21 to 50.....	104	2.2	3,144	7.9	1 to 5.....	159	22.5	638	3.1
51 to 100.....	40	0.8	2,823	7.1	6 to 20.....	265	37.6	3,969	14.9
101 to 500.....	28	0.6	5,987	14.3	21 to 50.....	152	18.8	4,367	21.3
Over 500.....	8	0.2	17,989	45.2	51 to 100.....	83	7.5	3,830	18.6
					Over 100.....	45	6.4	8,637	42.1
<b>Copper</b>	<b>158</b>	<b>100.0</b>	<b>53,143</b>	<b>100.0</b>	<b>Phosphate rock</b>	<b>51</b>	<b>100.0</b>	<b>8,186</b>	<b>100.0</b>
No wage earners.....	8	5.1	144	0.3	1 to 5 wage earners.....	2	3.9	17	0.2
1 to 5.....	48	30.4	144	0.3	6 to 20.....	11	21.6	463	5.7
6 to 20.....	30	19.0	360	0.7	21 to 50.....	11	21.6	1,024	12.5
21 to 50.....	17	10.8	579	1.1	51 to 100.....	6	11.8	1,024	12.5
51 to 100.....	16	10.1	1,248	2.3	Over 100.....	21	41.2	6,933	79.4
101 to 500.....	19	12.0	4,998	9.4					
501 to 1,000.....	8	5.1	5,508	10.4					
Over 1,000.....	12	7.6	40,308	75.8					

<sup>1</sup> Based on number reported for Dec. 15, 1909, or nearest representative day.

A marked distinction with respect to the degree of concentration exists between regular producing mines, quarries, and wells, on the one hand, and nonproducing properties on the other. The latter includes for the most part enterprises which are still in the development stage, as well as others which have had a product in the past but whose present operations are confined to the maintenance of the property, or to development work with a view to resuming production.

About two-thirds of all the wage earners engaged in nonproducing mining properties were employed by operators employing not exceeding 20 wage earners each. The largest enterprises in this class were represented by 12 operators employing from 101 to 500 wage earners each. On the other hand, more than one-half of all wage earners engaged in producing mines were employed by operators with a working force of 500 men or over.

Table 20 shows the distribution of operators according to the number of wage earners for producing and nonproducing properties separately.

WAGE EARNERS <sup>1</sup> PER OPERATOR.	PRODUCING ENTERPRISES.				NONPRODUCING ENTERPRISES.			
	Operators.		Wage earners. <sup>1</sup>		Operators.		Wage earners. <sup>1</sup>	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
Total.....	<b>16,657</b>	<b>100.0</b>	<b>1,065,283</b>	<b>100.0</b>	<b>3,356</b>	<b>100.0</b>	<b>21,499</b>	<b>100.0</b>
No wage earners.....	2,187	13.1	7,178	0.7	196	5.8	6,267	28.9
1 to 5.....	6,292	37.8	14,788	1.4	2,233	66.4	7,559	35.6
6 to 20.....	3,837	23.0	45,063	4.0	779	23.0	3,751	17.5
21 to 50.....	1,973	11.8	64,327	6.0	377	11.3	1,961	9.1
51 to 100.....	983	5.9	71,045	6.7	28	0.8	1,921	8.9
101 to 500.....	1,105	6.6	242,959	22.8	12	0.3	1,921	8.9
501 to 1,000.....	155	0.9	110,191	10.3	.....	.....	.....	.....
Over 1,000.....	125	0.8	538,850	48.7	.....	.....	.....	.....

<sup>1</sup> Based on number reported for Dec. 15, 1909, or nearest representative day.

Classification according to value of products.—Table 21 gives, for all mining industries and for the most important industries separately, a classifica-

tion of the operators according to value of products per operator, and shows, for each class, the number of operators and the total value of products.

INDUSTRY AND VALUE OF PRODUCTS PER OPERATOR.	PRODUCING ENTERPRISES: 1909				INDUSTRY AND VALUE OF PRODUCTS PER OPERATOR.	PRODUCING ENTERPRISES: 1909			
	Operators.		Value of products.			Operators.		Value of products.	
	Number.	Percent distribution.	Amount.	Percent distribution.		Number.	Percent distribution.	Amount.	Percent distribution.
<b>All industries</b> .....	19,815	100.0	\$1,238,410,322	100.0					
Less than \$5,000.....	11,284	57.2	18,316,829	1.5	<b>Iron</b> .....	176	100.0	106,947,082	100.0
\$5,000 to \$20,000.....	4,270	21.5	43,997,158	3.6	Less than \$5,000.....	42	23.9	34,640,031	31.9
\$20,000 to \$100,000.....	2,340	11.8	128,309,227	10.4	\$5,000 to \$20,000.....	34	19.3	363,650	0.3
\$100,000 to \$1,000,000.....	1,231	6.3	335,247,962	27.1	\$20,000 to \$100,000.....	47	26.7	2,416,815	2.3
\$1,000,000 and over.....	164	0.8	712,277,017	57.5	\$100,000 to \$1,000,000.....	28	15.6	14,023,832	13.1
					\$1,000,000 and over.....	15	8.5	90,089,331	84.2
<b>Coal</b> .....	3,695	100.0	577,142,935	100.0	<b>Precious metals</b> .....	2,282	100.0	94,123,180	100.0
Less than \$5,000.....	1,175	31.8	2,921,829	0.6	Less than \$5,000.....	1,571	68.8	1,775,238	1.9
\$5,000 to \$20,000.....	849	23.2	9,257,288	1.6	\$5,000 to \$20,000.....	347	15.2	3,599,027	3.8
\$20,000 to \$100,000.....	885	23.9	44,005,063	7.6	\$20,000 to \$100,000.....	208	9.1	9,226,301	9.8
\$100,000 to \$1,000,000.....	631	17.1	172,161,675	29.8	\$100,000 to \$1,000,000.....	149	6.2	25,704,456	27.4
\$1,000,000 and over.....	83	2.3	348,496,459	60.4	\$1,000,000 and over.....	16	0.7	40,818,458	43.4
<b>Anthracite coal</b> .....	192	100.0	149,180,471	100.0	<b>Lead and zinc</b> .....	977	100.0	31,383,094	100.0
Less than \$5,000.....	59	30.7	85,226	0.1	Less than \$5,000.....	351	34.4	9,013,663	2.9
\$5,000 to \$20,000.....	24	12.5	288,201	0.2	\$5,000 to \$20,000.....	231	23.6	2,407,108	7.7
\$20,000 to \$100,000.....	38	19.8	2,153,644	1.4	\$20,000 to \$100,000.....	173	17.7	7,776,942	24.8
\$100,000 to \$1,000,000.....	54	28.1	21,020,422	14.1	\$100,000 to \$1,000,000.....	28	2.9	25,739,203	23.4
\$1,000,000 and over.....	17	8.9	125,622,915	84.2	\$1,000,000 and over.....	4	0.4	15,938,478	41.2
<b>Bituminous coal</b> .....	3,503	100.0	427,962,464	100.0	<b>Limestone</b> .....	1,565	100.0	29,832,452	100.0
Less than \$5,000.....	1,116	31.9	2,826,603	0.6	Less than \$5,000.....	940	59.5	4,370,469	14.6
\$5,000 to \$20,000.....	830	23.5	9,209,027	2.2	\$5,000 to \$20,000.....	401	24.1	4,177,822	14.0
\$20,000 to \$100,000.....	847	24.2	41,852,049	9.8	\$20,000 to \$100,000.....	270	16.2	15,318,129	41.3
\$100,000 to \$1,000,000.....	577	16.5	151,141,253	35.3	\$100,000 to \$1,000,000.....	54	3.2	11,966,972	40.1
\$1,000,000 and over.....	68	1.9	222,873,532	52.1	<b>Granite</b> .....	707	100.0	18,937,978	100.0
<b>Petroleum and natural gas</b> .....	7,793	100.0	188,416,884	100.0	Less than \$5,000.....	276	39.0	885,023	4.7
Less than \$5,000.....	5	0.3	5,830,708	3.1	\$5,000 to \$20,000.....	249	35.2	3,790,949	19.9
\$5,000 to \$20,000.....	1,590	20.5	14,812,243	8.0	\$20,000 to \$100,000.....	149	21.1	6,415,992	33.8
\$20,000 to \$100,000.....	638	8.2	26,924,025	14.5	\$100,000 to \$1,000,000.....	47	6.7	9,496,016	49.5
\$100,000 to \$1,000,000.....	136	1.8	49,136,036	26.1	<b>Phosphate rock</b> .....	51	100.0	10,781,192	100.0
\$1,000,000 and over.....	19	0.2	85,591,672	46.2	Less than \$5,000.....	9	17.6	21,132	0.2
<b>Copper</b> .....	161	100.0	134,616,887	100.0	\$5,000 to \$20,000.....	15	29.0	1,096,680	1.0
Less than \$5,000.....	68	42.0	83,082	0.1	\$20,000 to \$100,000.....	8	15.7	445,855	4.1
\$5,000 to \$20,000.....	32	20.0	337,175	0.2	\$100,000 to \$1,000,000.....	23	45.1	10,297,525	94.7
\$20,000 to \$100,000.....	18	11.3	725,667	0.5					
\$100,000 to \$1,000,000.....	22	13.7	8,708,533	6.5					
\$1,000,000 and over.....	21	13.0	124,762,739	92.7					

The relative importance of small-scale and large-scale production in mining can be seen from the fact that the 11,384 operators reporting products valued at less than \$5,000, though they constituted 57.2 per cent of the total number of operators, reported only 1.5 per cent of the total value of products, while the 164 operators reporting products valued at more than \$1,000,000, though they formed less than 1 per cent of the whole number of operators, reported 57.5 per cent of the total value of products. The degree of concentration varies in the different industries, operators

reporting products of more than \$1,000,000 in value contributing 92.7 per cent, as measured by value, of the copper product, 84.2 per cent of the iron ore, 84.2 per cent of the anthracite coal, 52.1 per cent of the bituminous coal, 46.2 per cent of the petroleum and natural gas, 43.4 per cent of the precious metals, and 41.2 per cent of the lead and zinc. In the phosphate rock industry which reported a total value of products of \$10,781,192 there was one operator whose products were valued at more than \$1,000,000. The other mining industries do not show so high a degree of concentration.

## EXPENSES.

The census does not purport to furnish figures which can be used for determining profits or exact cost of production.

Table 22 shows, however, for 1909, in percentages, the distribution of expenses in producing enterprises by classes for all mining industries combined and for the most important industries separately. This table shows that for all industries combined 61.4 per cent of the total expenses were incurred for services—that is, salaries and wages—23.8 per cent for supplies, materials, and fuel, 6.1 per cent for royalties and rent of mines, and 8.7 per cent for all other purposes.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED FOR PRODUCING ENTERPRISES. <sup>1</sup>				
	Salaries.	Wages.	Supplies, materials, and fuel.	Royalties and rent of mines.	Miscellaneous.
<b>All industries</b> .....	5.1	56.3	23.8	6.1	8.7
<b>Coal:</b>					
Anthracite.....	3.2	66.3	19.2	5.7	5.6
Bituminous.....	5.5	74.3	12.1	3.1	5.0
Petroleum and natural gas.....	3.3	40.9	37.8	15.7	21.2
Copper.....	3.4	45.9	44.2	1.7	4.8
Iron.....	4.6	69.1	23.3	2.0	11.5
Precious metals.....	5.9	44.4	37.7	1.7	10.6
Lead and zinc.....	4.1	45.2	37.6	9.4	5.7
Limestone.....	7.2	59.0	22.0	2.0	9.7
Granite.....	6.6	68.6	16.6	1.2	7.0
Phosphate rock.....	8.0	43.3	30.4	4.7	13.6

<sup>1</sup> For absolute figures on which these percentages are based, see Table 28, p. 562.

As would be expected, the proportions vary considerably in the different industries. The largest percentage for services (79.8) is shown for the bituminous branch of the coal-mining industry, the smallest percentage (25.3) being reported for the petroleum and natural gas industry. The proportion for supplies, materials, and fuel varies from 44.2 per cent for the

copper industry to 12.1 per cent for bituminous coal mining; the proportion for royalties and rent of mines, from 20.5 per cent for iron mining to 1.2 per cent for granite quarrying; and the proportion for miscellaneous expenses, from 21.2 per cent for the petroleum and natural gas industry to 4.8 per cent for the copper industry.

## POWER.

Table 23 shows, for all mining industries and for the most important industries separately, the number of engines or other motors, according to their character, employed in generating power (including electric

motors operated by purchased current), and their total horsepower. It also shows separately the number and horsepower of electric motors which were run by current generated by the same establishment.

Table 23

INDUSTRY.	PRODUCING ENTERPRISES: 1909												
	Primary power.											Electric motors run by current generated by same establishment.	
	Aggregate horsepower.	Total horsepower.	Owned.						Electric motors rented by current.		Number.		Horsepower.
			Steam engines.		Gas or gasoline engines.		Water wheels.		Number.	Horsepower.			
Number.			Horsepower.	Number.	Horsepower.	Number.	Horsepower.						
All industries	4,608,253	4,402,554	70,573	3,756,552	23,296	518,542	908	97,460	4,770	205,699	14,293	493,721	
Coal	1,904,154	1,877,450	19,318	1,874,001	374	3,101	9	348	872	26,704	10,869	375,386	
Anthracite	626,733	625,243	7,280	624,371	23	772	.....	.....	.....	1,410	1,132	46,088	
Bituminous	1,227,401	1,202,107	11,738	1,199,430	349	2,329	9	348	840	25,294	9,717	329,298	
Petroleum and natural gas	1,221,969	1,221,809	36,928	746,658	21,762	473,151	.....	.....	6	160	454	8,589	
Copper	376,464	324,178	699	303,848	71	2,325	15	18,005	819	52,286	536	25,888	
Iron	346,534	342,069	3,563	336,733	27	2,651	30	12,663	55	4,965	326	13,225	
Precious metals	228,244	144,302	1,074	84,303	829	9,656	704	49,833	2,142	83,742	574	16,034	
Lead and zinc	110,559	107,276	2,158	94,220	214	12,957	3	69	56	3,283	361	12,048	
Limestone	125,024	115,973	2,166	112,390	119	2,911	9	272	206	9,451	170	5,291	
Granite	61,095	54,213	1,346	52,549	65	1,142	6	522	159	6,882	57	1,346	
Phosphate rock	50,526	50,426	349	46,817	32	3,669	.....	.....	1	100	339	21,388	

Of the total primary power used in mining, 4,402,554 horsepower, or 95.5 per cent, was owned by the mine operators, only 205,699 horsepower, all of which was electric power, being rented. The total amount of electric power used, including that generated at the mines, aggregated 699,420 horsepower. Nearly three-fourths of the total rented power was reported from the Mountain and Pacific states, where the abundance

of water power and the scarcity of coal makes the transmission of electric power profitable. The ownership of water power by mine operators was insignificant, except in the production of the precious metals, which is mainly confined to the group of states above mentioned. Of the horsepower generated by gas or gasoline engines, 91.6 per cent was utilized in the petroleum and natural gas industry.

## QUANTITY OF MINERALS.

The statistics relating to quantity of minerals were collected in cooperation with the United States Geological Survey, but the results given in Table 24 vary slightly from those published by that bureau. The latter relate in every case to the calendar year 1909, whereas the census data are for the business year of each establishment, to accord with the statistics of persons employed in mining industries as well as with the expenses incurred. Moreover, the figures presented in the table deal with products sold or used by the mine operators, whereas the statistics of the United States Geological Survey in many cases show the quantities actually produced during the calendar year.

For metalliferous, other than iron, mines the United States Geological Survey publishes the quantities of metals recovered by refineries which the ore ultimately reaches, whereas Table 24 relates to the crude products sold by mine operators. Thus the gold content of all domestic ore mined in continental United States, and sold in the crude state, together with the assay content of mill and placer bullion, as given in the table, aggregated 3,876,943 fine ounces, whereas the production of refined gold in continental United States, as estimated by the United States Geological Survey in cooperation with the Director of the Mint, was 3,837,773 ounces; the difference does not exceed 1

per cent of the total production. Likewise, the assay content of all silver ore and mill and placer bullion produced in the United States, as reported by mine operators, was 57,294,492 ounces, whereas the total production of refined bullion in the United States, including Alaska, as estimated by the Director of the Mint and reported by refineries to the Bureau of the Census, aggregated in round figures 54,500,000 fine ounces, the variance being due in greater part to losses in recovery.

No quantities for structural materials are presented in the table below, by reason of the great diversity in the units of measure, depending on quality as well as on the uses for which the stone is intended. The only common measure for the production of building stone is value.

Where the products of a given industry were marketed by some establishments in crude state and by others in dressed or refined state, the figures below are presented as reported by the operators.

Table 24		UNIT OF MEASURE.	TOTAL.	CRUDE.	DRESSED OR REFINED.	PRODUCT.	UNIT OF MEASURE.	TOTAL.	CRUDE.	DRESSED OR REFINED.
<b>FUELS:</b>										
Coal, anthracite	Tons, 2,000 lbs.	80,995,130				MISCELLANEOUS:				
Coal, bituminous	Tons, 2,000 lbs.	376,865,510				Asbestos	Tons, 2,000 lbs.	2,330	2,330	993
Petroleum	Barrels	171,557,485	171,557,485			Barytes	Tons, 2,000 lbs.	48,984	42,979	6,005
Natural gas	M cubic feet	430,959,466				Barite	Tons, 2,000 lbs.	142,344	136,641	7,700
Peat	Tons, 2,000 lbs.	15,671	1,254	14,417		Clay	Tons, 2,000 lbs.	2,159,647	2,159,647	
<b>METALS:</b>										
Iron	Tons, 2,240 lbs.	50,521,208	50,521,208			Corundum and emery	Tons, 2,000 lbs.	1,680	628	1,052
Gold, total <sup>1</sup>	Fine ounces	4,860,871				Feldspar	Tons, 2,000 lbs.	75,539	31,637	43,902
Continental U. S.	Fine ounces	3,879,943				Flintspar	Tons, 2,000 lbs.	48,759	45,319	2,441
Alaska	Fine ounces	981,928				Fullers' earth	Tons, 2,000 lbs.	43,169	19,891	23,278
Silver	Fine ounces	57,294,492				Garnet	Tons, 2,000 lbs.	2,932	90	2,842
Copper, total	Pounds	1,098,800,000				Graphite	Tons, 2,000 lbs.	16,222	13,248	2,974
Lake <sup>2</sup>	Pounds	224,137,004	224,137,004			Gypsum	Tons, 2,000 lbs.	1,845,000	348,009	1,496,991
Western <sup>3</sup>	Pounds	855,662,949	855,662,949			Mica	Pounds	1,809,582	1,809,582	4,000
Lead	Pounds	434,880,237	434,880,237			Sheet	Tons, 2,000 lbs.	268		2,008
Argentiferous <sup>4</sup>	Tons, 2,000 lbs.	249,935	249,935			Monazite and zircon	Tons, 2,000 lbs.	2,320,623	2,320,623	4,900
Nonargentiferous	Tons, 2,000 lbs.	249,935	249,935			Phosphate rock	Tons, 2,240 lbs.	15,103	15,103	
Zinc	Pounds	98,882,379	98,882,379			Pyrite	Tons, 2,240 lbs.	247,670	247,670	
Argentiferous	Tons, 2,000 lbs.	818,821	818,821			Quartz	Tons, 2,000 lbs.	117,578	106,248	11,330
Nonargentiferous	Tons, 2,000 lbs.	1,563,675	1,563,675			Sulphur	Tons, 2,000 lbs.	268,029	268,029	
Quicksilver	Pounds net.	1,544	1,544			Tale and soapstone	Tons, 2,000 lbs.	120,837	30,898	89,939
Manganese	Tons, 2,240 lbs.	1,619	1,619							
Tungsten	Tons, 2,000 lbs.	1,619	1,619							

<sup>1</sup> See explanation in the text.

<sup>2</sup> Assay content of ore. <sup>3</sup> Assay content of mill bullion and ore shipped.

<sup>4</sup> Assay content of ore. <sup>5</sup> Concentrate.

<sup>6</sup> Metallic copper.

### PRODUCING MINES, QUARRIES, AND WELLS—COMPARATIVE SUMMARY FOR THE UNITED STATES, 1909 AND 1902.

GEOGRAPHIC DIVISION AND STATE.	CENSUS.	PRINCIPAL EXPENSES OF OPERATION AND DEVELOPMENT.					Value of products. <sup>1</sup>	Primary horse-power.	PER CENT OF INCREASE.			
		Salaries and wages.	Supplies, materials, and fuel. <sup>2</sup>	Royalties and rent of mines.	Contract work.	Value of products. <sup>1</sup>			Salaries and wages.	Royalties and rent of mines.	Value of products.	Horse-power.
United States	1909	\$625,610,058	\$298,771,046	\$62,456,760	\$24,091,956	\$1,175,475,091	4,556,170	55.9	81.2	52.4	71.0	
	1902	461,228,547	114,515,822	34,476,227	20,638,127	771,486,926	2,463,964					
<b>GEOGRAPHIC DIVISIONS:</b>												
New England	1909	11,092,130	3,903,951	190,947	129,440	19,312,271	60,120	5.8	6.8	16.3	37.7	
	1902	10,484,388	2,638,713	178,812	1,853	16,698,696	43,670					
Middle Atlantic	1909	212,534,186	54,917,283	15,928,491	6,048,025	353,775,070	1,748,375	66.2	42.3	47.2	46.7	
	1902	127,447,369	31,582,205	11,190,610	2,959,507	240,305,682	1,191,487					
East North Central	1909	129,342,721	34,944,431	12,338,460	5,882,597	233,062,528	919,427	44.9	36.7	34.8	50.8	
	1902	89,261,669	25,966,243	9,024,556	4,935,328	172,894,150	696,641					
West North Central	1909	55,134,454	21,116,725	14,720,084	2,709,833	129,023,910	311,548	62.2	158.6	78.6	208.5	
	1902	33,998,514	9,896,873	5,691,636	770,773	72,257,793	120,121					
South Atlantic	1909	53,154,421	15,226,801	8,638,145	4,965,497	102,375,877	532,824	66.5	90.1	47.9	81.9	
	1902	31,916,461	11,456,991	4,544,772	5,374,382	69,202,161	262,981					
East South Central	1909	31,848,088	6,843,506	1,374,027	976,571	46,394,699	180,503	41.2	79.5	33.2	216.6	
	1902	27,539,963	5,944,987	765,974	661,402	34,850,772	67,122					
West South Central	1909	9,221,480	4,308,820	1,098,985	303,062	22,400,222	53,199	83.3	348.7	127.2	152.4	
	1902	4,976,130	1,216,670	385,555	1,491,266	9,857,364	21,873					
Mountain	1909	82,735,049	30,741,950	1,880,357	728,712	170,306,455	399,398	45.1	18.0	51.7	80.9	
	1902	57,029,453	20,390,291	1,583,738	770,931	113,270,912	229,774					
Pacific	1909	18,127,801	21,936,212	2,973,692	325,667	71,076,741	184,172	57.9	270.2	96.9	116.2	
	1902	18,128,437	6,857,854	800,000	370,030	36,692,355	81,303					

<sup>1</sup> Exclusive of governmental institutions, and of the coke and cement industries, but including figures for the lime industry.

<sup>2</sup> Exclusive of duplications resulting from the use of products of some enterprises as materials for others within the same industry.

<sup>3</sup> Embraces Oklahoma, Rhode Island, and South Carolina for both years and the District of Columbia for 1909. These states are not shown separately nor are they included in the totals for their respective geographic divisions, because to do so would distort individual operations.

<sup>4</sup> Exclusive of the amount paid to miners compensated by a share of the product for both years, and also of the wages of part-time employees for the petroleum and natural gas industries for 1909, which are included under "Contract work" in other tables for 1909.

## PRODUCING MINES, QUARRIES, AND WELLS—COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES 1909 AND 1902—Continued.

GEOGRAPHIC DIVISION AND STATE.	Census.	PRINCIPAL EXPENSES OF OPERATION AND DEVELOPMENT.					Value of products. <sup>1</sup>	Primary horse-power.	PER CENT OF INCREASE. <sup>2</sup>			
		Salaries and wages.	Supplies, materials, and fuel. <sup>3</sup>	Royalties and rent of mines.	Contract work.				Salaries and wages.	Royalties and rent of mines.	Value of products.	Horse-power.
<b>NEW ENGLAND:</b>												
Maine.....	1909	\$1,696,617	\$1,032,965	\$22,279	\$14,448	\$3,270,706	8,345					
	1902	2,475,563	1,476,324	17,714	7,246	5,656,134	6,639	-31.5	75.2	-10.5	20.3	
New Hampshire.....	1909	1,074,349	153,338	4,271	9,246	1,308,397	3,771	11.9	80.1	11.2	44.1	
	1902	875,465	134,128	2,372	.....	1,176,312	2,617					
Vermont.....	1909	4,859,126	1,389,327	85,232	.....	8,471,725	25,000	40.4	-15.7	43.5	73.0	
	1902	3,491,476	1,076,143	101,546	.....	5,904,705	14,979					
Massachusetts.....	1909	2,166,534	854,690	58,589	.....	4,332,218	15,620	-8.1	32.2	-3.7	39.8	
	1902	2,739,220	747,665	44,225	1,833	4,499,401	11,170					
Connecticut.....	1909	1,000,469	474,711	20,176	13,121	1,928,965	6,468	11.1	18.0	40.6	18.8	
	1902	900,614	223,813	17,855	.....	1,372,144	7,965					
<b>MIDDLE ATLANTIC:</b>												
New York.....	1909	5,693,286	2,647,861	468,646	374,435	13,849,494	102,540	26.0	31.0	43.0	60.3	
	1902	4,157,813	1,627,489	327,637	350,663	9,682,457	63,953					
New Jersey.....	1909	3,512,929	1,067,226	101,525	40,799	8,548,858	18,390	38.6	-7.8	111.5	41.4	
	1902	2,477,652	738,827	11,163	.....	5,182,947	10,908					
Pennsylvania.....	1909	203,684,971	51,262,196	15,358,322	5,632,791	331,376,718	1,627,445	68.3	43.2	46.2	46.0	
	1902	121,651,866	29,062,686	10,722,810	5,398,074	226,641,178	1,114,526					
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1909	30,226,878	8,850,679	3,668,862	2,745,059	59,931,837	298,635	18.6	-12.4	6.4	46.1	
	1902	25,479,977	9,836,370	4,106,544	2,692,557	50,360,184	204,341					
Indiana.....	1909	16,992,359	5,537,422	265,475	285,259	22,334,647	93,524	36.1	67.1	-17.0	-20.4	
	1902	11,819,897	3,380,898	1,807,948	2,159,980	12,931,511	120,511					
Illinois.....	1909	49,839,669	9,973,037	3,379,590	3,390,424	117,214,343	226,124	74.6	-65.4	106.6	155.5	
	1902	28,539,139	474,632	1,474,632	88,575	58,500	88,500					
Michigan.....	1909	29,344,947	11,988,749	4,048,981	472,665	64,966,299	271,861	37.9	75.2	35.3	47.5	
	1902	21,277,947	8,637,172	2,311,479	77,047	48,022,962	184,278					
Wisconsin.....	1909	4,389,877	1,664,543	445,181	36,020	8,575,402	26,548	78.9	85.4	101.4	128.5	
	1902	2,145,491	787,253	240,110	3,758	4,267,665	12,011					
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	1909	13,562,568	8,904,544	10,732,399	2,157,168	58,675,781	102,153	97.4	191.7	130.2	434.0	
	1902	6,882,017	4,607,324	3,675,984	259,229	28,620,677	34,244					
Iowa.....	1909	11,461,923	1,561,553	349,470	40,791	13,979,453	23,528	57.5	5.8	34.7	60.4	
	1902	7,279,272	861,414	220,698	88,106	9,609,330	14,673					
Missouri.....	1909	10,962,962	7,017,059	1,855,492	30,378,747	30,378,747	109,978	56.6	30.8	49.8	137.1	
	1902	9,988,027	2,836,858	1,398,827	172,514	20,279,481	46,384					
North Dakota.....	1909	426,910	108,187	10,647	1,325	564,812	2,025	14.8	65.7	73.3	141.3	
	1902	231,014	86,407	4,407	2,795	325,967	839					
South Dakota.....	1909	3,446,944	1,486,455	4,776,50	5,645,788	15,648	-2.4	-43.3	-4.2	27.6		
	1902	3,293,242	1,962,937	8,736	6,697,797	12,263						
Nebraska.....	1909	186,582	57,464	4,561	4,494	812,317	812,317	76.5	88.4	117.3	175.3	
	1902	103,936	11,173	823	148,391	296	296					
Kansas.....	1909	10,351,532	1,917,384	1,665,830	360,631	18,386,812	67,408	75.0	335.8	93.0	388.8	
	1902	5,915,006	1,218,192	882,181	267,708	9,526,660	17,472					
<b>SOUTH ATLANTIC:</b>												
Delaware.....	1909	287,742	178,432	4,392	5,900	516,213	1,480	14.8	-72.9	15.1	6.0	
	1902	256,699	185,187	15	.....	485,967	1,396					
Maryland.....	1909	3,876,561	714,571	136,772	11,148	6,164,122	19,660	-18.7	-3.4	-13.9	53.7	
	1902	4,696,200	807,796	141,570	8,899	7,162,113	12,400					
Virginia.....	1909	5,501,589	1,855,201	421,863	119,043	9,959,920	35,554	41.0	32.3	43.3	128.6	
	1902	3,876,556	837,287	218,763	35,964	6,280,148	15,539					
West Virginia.....	1909	38,177,028	12,501,951	7,796,567	4,307,258	73,452,935	417,282	91.8	101.2	51.8	73.7	
	1902	19,905,757	8,513,767	5,873,780	194,279	48,362,664	240,170					
North Carolina.....	1909	1,005,826	368,315	21,412	3,340	1,402,765	6,225	67.6	7.2	51.7	66.2	
	1902	599,595	118,494	19,971	9,000	924,676	3,746					
Georgia.....	1909	1,465,362	415,841	59,317	1,187	2,624,741	10,848	15.2	41.2	-5.0	15.7	
	1902	1,276,362	356,228	42,068	122,619	3,089,287	9,373					
Florida.....	1909	2,176,113	1,092,490	197,792	217,691	8,915,181	42,375	119.9	50.4	202.8	309.1	
	1902	1,318,898	618,067	131,493	4,621	2,945,886	10,357					
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	1909	8,800,326	1,537,544	422,702	165,913	12,100,065	53,480	51.7	170.0	45.7	186.3	
	1902	5,802,221	1,110,291	156,362	219,627	8,304,706	18,682					
Tennessee.....	1909	8,184,018	1,638,018	618,177	42,623	11,803,490	46,9	49.2	27.4	186.3		
	1902	5,483,714	835,574	174,465	70,496	9,208,074	12,647					
Alabama.....	1909	14,958,031	3,057,945	335,148	176,653	22,601,204	92,607	33.0	70.8	30.4	237.7	
	1902	11,270,928	1,965,962	165,045	267,379	17,347,962	27,439					
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1909	3,325,154	585,357	194,179	111,974	4,764,784	14,217	55.6	375.7	67.8	92.2	
	1902	2,137,007	460,518	86,669	60,669	2,840,941	7,996					
Louisiana.....	1909	1,199,658	1,586,427	498,198	60,310	6,539,820	8,445	2,757.9	2,038.1	2,241.3	90.2	
	1902	411,977	7,384	23,207	165,858	275,327	4,440					
Texas.....	1909	4,686,672	2,107,658	918,778	184,678	11,085,688	22,327	67.9	211.9	64.7	204.2	
	1902	2,797,146	964,937	294,530	1,884,548	6,737,690	10,037					
<b>MOUNTAIN:</b>												
Idaho.....	1909	4,444,259	2,225,702	27,632	22,665	8,749,650	28,983	-0.8	-1.7	6.5	41.0	
	1902	4,490,194	1,626,133	28,163	43,442	8,214,671	18,701					
Colorado.....	1909	19,959,185	7,273,927	1,017,847	123,828	39,397,859	98,777	-7.2	-4.4	-2.7	19.0	
	1902	21,518,169	6,969,796	1,064,653	395,985	40,708,266	88,639					
All other <sup>4</sup> .....	1909	28,354,589	27,242,201	835,478	52,219	122,159,446	274,258					
	1902	31,631,692	11,744,342	900,982	333,504	63,547,955	119,032	88.1	66.8	92.2	130.4	
<b>PACIFIC:</b>												
Washington.....	1909	6,342,392	1,196,670	141,231	23,640	10,526,533	20,987	56.1	149.7	100.7	76.2	
	1902	4,993,773	615,807	36,558	29,600	6,383,659	11,910					
Oregon.....	1909	8,845,979	296,489	16,935	3,240	1,237,292	8,070	-30.0	-72.0	-40.7	114.6	
	1902	1,222,190	60,490	1,012	1,222	2,087,390	3,761					
California.....	1909	21,830,590	20,463,925	2,814,926	496,586	59,012,940	165,115	66.9	310.3	106.3	123.1	
	1902	12,842,486	5,533,935	685,982	520,804	29,611,307	69,532					

<sup>1</sup> Exclusive of governmental institutions, and of the coke and cement industries, but including figures for the lime industry.

<sup>2</sup> Exclusive of duplications resulting from the use of products of some enterprises as materials for others within the same industry.

<sup>3</sup> A minus sign (-) denotes decrease.

<sup>4</sup> Includes a small production of bituminous coal for Georgia.

<sup>5</sup> Embraces Arizona, Montana, Nevada, New Mexico, Utah, and Wyoming.

INDUSTRIES AND STATES.

PRODUCING MINES, QUARRIES, AND WELLS<sup>1</sup>—COMPARATIVE SUMMARY FOR THE UNITED STATES, BY INDUSTRIES: 1909 AND 1902.

Table 26	INDUSTRY.	COMMODITY.	PRINCIPAL EXPENSES OF OPERATION AND DEVELOPMENT.				PER CENT OF INCREASE. <sup>4</sup>							
			Salaries and wages.	Supplies, materials and fuel. <sup>2</sup>	Royalties and rent of mines.	Contract work. <sup>3</sup>	Value of products. <sup>1</sup>	Primary horsepower.	Salaries and wages.	Royalties and rent of mines.	Value of products.	Horsepower.		
	<b>All Industries<sup>1</sup> . . . . .</b>		<b>1909</b> <b>1902</b>	<b>\$625,010,268</b> <b>401,228,547</b>	<b>\$208,771,046</b> <b>114,515,832</b>	<b>\$62,456,760</b> <b>34,476,227</b>	<b>\$24,091,928</b> <b>20,638,127</b>	<b>\$1,175,475,911</b> <b>771,486,926</b>	<b>4,556,170</b> <b>2,663,964</b>	<b>55.9</b>	<b>81.2</b>	<b>52.4</b>	<b>71.0</b>	
<b>FUELS:</b>														
	Coal, total . . . . .		1909	399,697,241	72,043,898	20,016,639	3,893,257	550,513,866	1,904,154	68.3	69.6	50.2	109.4	
			1902	327,547,594	57,311,651	11,794,693	1,650,553	366,642,014	985,160					
	Anthracite . . . . .		1909	96,900,963	26,697,966	7,980,739	1,701,514	140,180,471	676,753	132.8	83.1	35.8	62.7	
			1902	41,623,496	12,740,780	4,329,033	406,423	76,173,586	416,012					
	Bituminous . . . . .		1909	302,786,278	45,345,932	12,030,900	2,191,743	401,333,395	1,277,401	54.5	61.8	38.2	148.9	
			1902	195,394,240	24,777,041	7,440,508	1,244,114	290,468,429	435,148					
	Petroleum and natural gas . . . . .		1909	34,353,531	41,371,608	21,282,830	15,700,864	175,527,807	1,221,969	63.8	85.7	72.0	21.1	
			1902	26,862,116	24,330,573	11,963,780	17,389,698	102,084,590	1,008,710					
<b>METALS:</b>														
	Iron . . . . .		1909	33,121,418	17,229,717	15,174,735	2,698,842	106,947,082	346,534	40.1	133.3	63.4	233.3	
			1902	23,641,599	9,573,168	6,963,498	422,044	65,460,985	103,974					
	Copper . . . . .		1909	45,660,017	23,104,611	466,549	406,669	1,406,995	297,749	96.0	99.1	94.4	54.1	
			1902	22,919,861	11,083,175	130,215	188,768	51,178,036	193,272					
	Precious metals, total . . . . .		1909	37,546,098	22,072,916	1,305,701	318,303	87,671,553	228,244	-8.2	-8.3	6.3	23.5	
			1902	41,154,965	16,695,768	1,423,399	626,690	82,485,052	181,839					
	Deep mines . . . . .		1909	34,665,731	19,205,870	1,163,985	225,147	77,434,300	200,966	-11.1	-8.9	0.4	15.5	
			1902	39,013,089	15,072,916	1,277,632	606,137	77,154,326	173,961					
	Placer mines . . . . .		1909	3,100,347	2,870,046	141,716	93,156	10,227,252	27,778	44.7	-2.3	62.2	131.2	
			1902	2,143,170	790,986	145,767	19,953	5,337,726	10,838					
	Lead and zinc . . . . .		1909	11,190,925	6,985,932	2,301,839	166,983	28,968,547	109,110	117.1	50.9	95.7	178.2	
			1902	5,155,598	2,511,627	1,325,368	108,607	14,600,177	39,374					
	Quicksilver . . . . .		1909	486,123	183,678	5,268	4,197	868,458	784	-33.1	-25.6	-4.0	-35.1	
			1902	1,025,494	322,267	7,078	23,164	1,550,090	1,748					
	Manganese . . . . .		1909	17,088	3,959			20,435		-79.7			-30.6	
			1902	84,319	17,228	1,996		117,911	354					
	Tungsten . . . . .		1909	211,486	94,233	1,373	2,400	363,457	16,684					
			1902	1,260	210			1,075	220					
<b>STRUCTURAL MATERIALS:</b>														
	Limestones . . . . .		1909	22,850,012	11,992,659	549,096	254,312	47,784,479	152,651	38.6	29.9	57.8	141.6	
			1902	16,466,594	8,578,968	36,422,960	1,600,331	33,278,877	63,182					
	Granite and traprock . . . . .		1909	15,067,785	3,976,162	476,850	123,808	17,576,293	90,306	23.8	144.7	36.2	94.5	
			1902	12,168,784	2,447,761	194,892		18,042,943	46,441					
	Sandstones . . . . .		1909	5,322,815	1,282,469	1,534,313	44,340	30,529,826	39,313					
			1902	7,011,437	1,328,466	204,517	660	10,954,634	27,575					
	Marble . . . . .		1909	3,462,130	806,016	47,911	27,344	6,239,120	21,779	35.6	-26.7	23.7	53.8	
			1902	2,522,691	483,222	65,383		5,094,183	14,061					
	Slate . . . . .		1909	4,494,132	849,158	271,252	28,962	6,654,174	29,777	28.0	0.7	6.3	17.8	
			1902	3,512,338	680,361	269,267		5,696,051	25,269					
<b>MISCELLANEOUS:</b>														
	Asbestos . . . . .		1909	41,329	23,520		45	65,140	380	279.9		41.0	261.9	
			1902	10,878	8,233			46,200	165					
	Asphaltum and bituminous rock . . . . .		1909	173,106	79,757	1,517	15,546	466,461	828	35.4	-46.9	97.0	15.0	
			1902	127,802	50,278	2,846	296,728	296,728	729					
	Barytes . . . . .		1909	110,493	28,224	14,232	3,576	224,796	262	-24.0	-47.9	10.6	138.2	
			1902	145,444	7,772	27,300	1,000	203,154	110					
	Bauxite . . . . .		1909	229,739	1,809	6,900	5,629	1,565,829	1,565,829	148.1	29.4	42.2	156.8	
			1902	92,993	40,019	2,091	500	128,206	624					
	Buhrstones and millstones . . . . .		1909	16,850	508	2,670	34,441	34,441	-61.9	-57.4	-42.4			
			1902	44,244	1,809	636	59,898	1,565,829	1,565,829					
	Clay . . . . .		1909	1,566,590	389,342	85,403	44,318	2,945,948	8,868	43.0	43.8	42.9	122.5	
			1902	1,097,297	272,823	59,287	13,241	2,061,072	3,985					
	Corundum and emery . . . . .		1909	4,710	299	708		19,185						
			1902	38,831	26,114	1,091		104,605	110					
	Feldspar . . . . .		1909	153,336	56,744	9,288	8,681	271,437	993	6.1	-12.7	8.4	-17.5	
			1902	127,839	50,278	10,284		200,494	1,294					
	Fluorspar . . . . .		1909	103,118	59,109	1,917	909	288,500	1,179	40.6	-75.7	4.7	76.2	
			1902	137,313	31,374	7,900	300	275,682	660					
	Fuller's earth . . . . .		1909	156,979	67	582		7,737,702	1,737,702	258.6		221.1	278.0	
			1902	43,775	29,966	4,021		88,144	460					
	Garnet . . . . .		1909	44,654	25,286	6,550		101,929	315	-35.1	410.8	-23.3	-25.0	
			1902	68,810	10,128	1,341		132,690	429					
	Graphite . . . . .		1909	186,083	105,523	5,765	4,000	344,130	2,647	94.5	1,008.7	51.3	244.2	
			1902	116,654	85,286	6,550		207,908	750					
	Grindstones and pulpstones . . . . .		1909	174,298	114,032	3,348	25,997	412,906	1,648	54.7	51.1	38.1	43.4	
			1902	112,640	31,349	49,013		667,431	1,235					
	Gypsum . . . . .		1909	2,272,766	74,916	16,558	5,172,510	17,916,192	50,526	123.9	50.1	178.2	141.6	
			1902	1,059,678	341,760	2,002	4,000	2,089,341	7,319					
	Industrial earth, tripoli, and pumice . . . . .		1909	67,102	23,619	3,587	2,430	172,157	581	29.2	241.6	207.5	41.7	
			1902	62,698	12,997	1,030		53,994	429					
	Marl . . . . .		1909	13,512	2,988			13,307	105	86.7	2.7	4.4	110.0	
			1902	6,969	2,755			12,741	50					
	Mica . . . . .		1909	133,188	259,794	2,584		463,794	463	142.1	83.0	74.0	152.3	
			1902	57,487	11,961	3,142		118,849	185					
	Mineral pigments . . . . .		1909	160,836	22,485	3,469	15,288	151,015	849	-61.9	-74.0	-58.2	52.2	
			1902	169,680	59,373	13,226		203,885	1,793					
	Oilstones, scythestones, and whetstones . . . . .		1909	74,967	11,558	3,461	6,622	206,028	448	74.0	123.4	89.8	132.1	
			1902	43,077	7,662	475		113,968	193					
	Phosphate rock . . . . .		1909	3,863,631	2,259,025	345,568	251,845	10,781,192	50,526	66.6	62.7	119.0	99.7	
			1902	2,283,297	799,414	212,350	107,402	4,922,943	14,144					
	Precious stones . . . . .		1909	134,541	31,461			313,664	109	15.5			-4.0	
			1902	116,704	27,626			328,450	150					
	Quartz . . . . .		1909	94,774	29,526	2,959	16,351	281,025	2,119	61.4	-61.3	23.3	60.4	
			1902	81,406	19,592	7,638	8,987	187,294	760					
	Sulphur and pyrite . . . . .		1909	868,208	1,189,447	8,286								

## PRODUCING MINES, QUARRIES, AND WELLS—CAPITAL, EXPENSES, VALUE OF PRODUCTS, PERSONS ENGAGED

Table 27	DIVISION AND STATE.	Number of operators.	Number of mines and quarries.	Number of wells.	Capital.	Total.	EXPENSES OF OPERATION AND DEVELOPMENT.					
							Services.			Supplies, materials, and fuel.		
						Salaries of officers of corporations, superintendents, and managers.	Clerks and other salaried employes.	Wage earners.	Supplies and materials.	Purchased ore and natural gas (duplication in product).	Fuel and oil of power.	
1	United States.....	19,916	18,164	166,326	\$3,389,525,841	\$1,042,642,693	\$422,823,748	\$20,569,803	\$686,774,079	\$173,411,438	\$29,318,316	\$46,135,550
2	GEOGRAPHIC DIVISIONS:											
3	New England.....	510	588	.....	27,959,080	14,696,118	603,790	293,492	9,814,166	1,847,736	.....	733,714
4	Middle Atlantic.....	6,333	3,993	71,122	919,992,103	315,473,063	8,005,471	5,961,915	294,922,233	47,726,570	3,164,830	7,327,889
5	East North Central.....	4,152	2,662	56,379	469,941,901	200,211,992	5,980,454	4,344,600	118,672,711	28,179,361	5,636,650	7,399,712
6	West North Central.....	2,250	2,603	3,430	331,737,330	161,690,234	2,792,200	30,366,348	15,035,383	1,919,554	5,190,860	5,190,860
7	South Atlantic.....	1,358	1,622	15,146	341,053,471	96,141,945	3,463,174	2,867,740	40,888,136	14,725,483	893,664	3,418,883
8	East South Central.....	839	1,109	11,400	145,688,421	46,133,257	2,217,967	1,143,822	29,448,806	5,386,232	170,135	1,912,689
9	West South Central.....	1,222	972	14,700	110,800,029	49,280,158	1,647,442	822,573	15,671,673	7,922,941	1,565,758	1,565,758
10	Mountain.....	3,722	3,722	97	709,074,649	166,586,458	4,865,804	3,904,691	52,081,673	32,190,632	14,377,714	4,460,226
11	Pacific.....	1,538	1,610	4,316	275,819,077	61,589,468	2,481,872	936,806	25,645,641	9,819,473	2,762,660	3,118,087
12	NEW ENGLAND:											
13	Maine.....	97	162	.....	3,825,931	1,876,341	87,779	31,847	1,332,242	219,579	.....	84,883
14	New Hampshire.....	45	33	.....	1,548,532	1,294,962	45,619	7,869	926,352	168,951	.....	54,427
15	Vermont.....	137	182	.....	13,922,066	8,795,268	227,650	142,287	4,449,315	905,137	.....	362,438
16	Massachusetts.....	139	147	.....	5,044,063	2,987,172	153,663	39,673	1,966,997	363,698	.....	153,238
17	Rhode Island.....	21	21	.....	567,935	675,877	29,948	27,941	499,883	130,947	.....	25,991
18	Connecticut.....	71	75	.....	2,964,442	1,158,491	5,911,444	20,573	729,377	127,424	.....	71,917
19	MIDDLE ATLANTIC:											
20	New York.....	1,351	752	11,342	45,171,232	9,987,768	493,776	212,089	4,717,595	1,886,937	65,656	585,161
21	New Jersey.....	131	131	.....	8,613,663	4,507,940	181,690	79,491	2,801,966	674,962	.....	139,329
22	Pennsylvania.....	4,831	3,000	39,780	866,267,208	309,977,953	7,387,005	5,670,333	107,473,362	45,175,071	3,099,180	6,425,140
23	EAST NORTH CENTRAL:											
24	Ohio.....	1,876	964	35,067	161,224,529	53,852,570	1,749,762	1,025,222	26,769,229	7,360,280	5,376,075	892,671
25	Indiana.....	1,010	880	10,373	39,764,947	20,312,732	736,347	365,174	14,782,488	1,823,904	22,595	551,821
26	Illinois.....	915	739	10,918	116,839,707	68,718,121	2,006,102	1,054,553	46,375,727	8,472,837	101,980	1,325,880
27	Michigan.....	823	373	21	119,331,887	51,810,538	1,453,659	917,363	27,660,908	9,800,413	.....	4,163,267
28	Wisconsin.....	268	298	.....	11,660,731	5,308,713	188,724	71,748	3,081,339	1,721,925	.....	433,993
29	WEST NORTH CENTRAL:											
30	Minnesota.....	353	250	.....	176,599,369	38,574,180	694,277	874,463	11,907,049	6,736,806	.....	2,024,696
31	Iowa.....	379	379	.....	81,881,438	42,053,714	320,651	130,876	10,876,146	1,416,146	.....	104,156
32	Missouri.....	1,021	1,224	39	60,540,081	27,515,101	965,190	281,730	14,393,570	4,730,342	1,471,533	2,220,657
33	North Dakota.....	53	33	6	1,038,699	700,149	34,372	20,421	364,821	95,352	.....	12,853
34	South Dakota.....	83	73	2	32,248,991	5,156,244	1,235,629	418,628	27,664,075	3,511,327	53,130	1,953,984
35	Nebraska.....	18	20	.....	222,428	804,049	12,900	3,745	169,937	35,474	.....	22,019
36	Kansas.....	643	582	3,402	41,797,329	15,831,787	401,336	287,096	9,636,350	1,645,163	392,862	267,964
37	SOUTH ATLANTIC:											
38	Delaware.....	9	9	.....	959,078	508,937	61,900	8,113	217,727	152,054	.....	26,378
39	Maryland.....	379	173	.....	25,169,878	5,006,157	196,609	131,838	3,359,682	878,553	.....	104,156
40	Virginia.....	150	244	.....	55,992,663	8,863,954	357,255	255,266	11,611,876	1,173,866	.....	484,527
41	West Virginia.....	798	718	15,146	219,466,969	71,347,631	2,197,617	1,651,267	35,980,736	11,647,711	863,661	1,212,825
42	North Carolina.....	118	139	.....	5,988,132	1,416,075	81,648	41,396	862,782	152,714	.....	103,319
43	South Carolina.....	29	32	.....	1,399,380	1,004,823	55,005	27,175	626,429	124,618	.....	117,899
44	Georgia.....	92	109	.....	11,475,710	2,064,236	146,888	85,618	1,278,159	254,021	.....	186,696
45	Florida.....	36	96	.....	38,784,901	5,909,532	386,194	129,565	2,350,534	738,946	.....	1,223,035
46	EAST SOUTH CENTRAL:											
47	Kentucky.....	437	442	1,109	26,786,649	11,721,722	667,739	297,409	7,827,514	1,322,406	.....	218,489
48	Tennessee.....	216	363	1	33,819,977	11,969,257	609,021	379,267	7,358,583	1,671,612	41,959	645,376
49	Alabama.....	177	302	.....	8,581,804	22,442,278	941,207	377,146	14,237,709	2,492,214	128,176	1,048,524
50	WEST SOUTH CENTRAL:											
51	Arkansas.....	96	146	62	7,000,417	4,309,211	162,502	75,963	3,026,140	368,207	.....	138,987
52	Louisiana.....	33	2	246	13,297,232	6,641,555	148,386	178,645	872,627	899,456	7,200	720,971
53	Oklahoma.....	864	212	12,113	70,096,413	21,071,609	972,829	369,728	7,775,413	4,897,176	130,587	354,164
54	Texas.....	236	92	2,279	19,575,969	8,177,783	363,725	178,037	3,997,495	1,798,102	35,313	285,614
55	MOUNTAIN:											
56	Montana.....	373	543	.....	145,135,510	46,520,545	718,506	694,477	21,361,405	9,837,503	6,559,820	3,626,050
57	Idaho.....	174	370	.....	48,892,888	7,198,763	269,251	88,627	4,045,347	1,847,458	.....	356,199
58	Wyoming.....	67	91	.....	9,505,365	9,033,467	235,635	191,772	6,266,757	1,385,594	.....	376,187
59	Colorado.....	1,375	25	.....	144,339,258	38,630,283	1,441,869	19,463,296	5,059,665	1,659,665	4,959,144	1,953,984
60	New Mexico.....	98	283	.....	20,158,674	5,553,423	234,187	210,947	3,529,356	865,487	.....	203,083
61	Arizona.....	135	251	.....	119,772,738	28,608,216	577,885	440,295	13,502,760	5,509,367	1,370,391	5,003,989
62	Utah.....	388	235	.....	51,000,043	18,606,028	738,633	442,294	8,868,851	3,920,414	108,910	1,074,119
63	Nevada.....	266	374	.....	120,062,830	14,415,728	610,848	296,260	9,925,070	3,375,163	1,160,849	1,311,625
64	PACIFIC:											
65	Washington.....	93	170	.....	13,074,691	7,800,722	213,198	121,468	5,801,007	843,025	.....	245,852
66	Oregon.....	118	118	.....	9,166,834	31,225,468	91,287	705,192	186,792	186,792	.....	96,592
67	California.....	1,329	1,279	4,316	253,577,552	52,563,278	2,172,287	791,446	19,046,442	18,789,652	2,762,660	2,775,643

<sup>1</sup> Exclusive of duplications, 307 operators having reported in two or more states. Such duplications have not been excluded in the totals for the several geographic divisions.

<sup>2</sup> Includes \$59,468,780 which could not be distributed among the several states.

<sup>3</sup> In some cases the same operator conducted enterprises in two or more states, all such enterprises being managed through one central administrative office. In such cases it was impossible to assign the corporate officers and the central office force to any particular state; this was also the case in respect to contract work and taxes, which were reported in a lump sum for all properties. The total central office expenses were accordingly apportioned among the several states pro rata to the total expenses reported for each state and the estimated amounts of such administrative expenses were added to "Sundry expenses." In the totals for the United States, however, the number of officers and salaried employes, as well as their salaries, and the amount of contract work and taxes, appear under the proper heads. The amounts thus included in the form of "Sundry expenses" for individual states and distributed in the totals for the United States are as follows: Officers, \$92,309; clerks, \$64,399; taxes, \$12,240; and contract work, \$61,301.

# INDUSTRIES AND STATES.

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IN MINING INDUSTRIES, LAND CONTROLLED, AND POWER, FOR THE UNITED STATES, BY STATES: 1909.

	EXPENSES OF OPERATION AND DEVELOPMENT—cont'd.					PERSONS EMPLOYED IN MINING INDUSTRIES.									
	Miscellaneous.					Value of products.	Proprietors and officials.							Land controlled (acres).	Primary horse-power.
	Royalties and rent of mines.	Taxes.	Contract work.	Rent of offices and other sundry expenses.	Aggregate.		Proprietors and officials.		Salaried officers of corporations, superintendents, and managers.	Clerks and other salaried employees.	Wage earners, Dec. 15, or nearest representative day.				
							Total.	Proprietors and firm members.							
1	\$63,373.585	\$17,798.763	\$28,887.898	\$43,950.513	\$1,238,410.322	\$1,139,332	49,374	29,922	9,152	24,875	1,065,283	24,218.611	4,608,853		
2	185,637	154,826	110,705	932,052	17,327,242	17,599	928	515	423	398	18,254	67,575	61,299		
3	15,945,607	5,929,809	6,333,563	9,823,286	370,742,262	427,061	16,325	11,520	8,029	402,937	5,874,731	1,738,613	1,738,613		
4	12,333,880	3,332,106	6,154,644	9,029,774	237,534,170	229,255	11,301	7,451	3,850	4,294	215,660	4,139,440	913,857		
5	14,718,394	3,280,108	2,762,943	3,197,622	130,252,538	93,657	1,683	1,949	88	438	1,225,461	370,890	370,890		
6	8,639,760	1,307,727	4,862,717	6,689,087	105,714,462	124,512	3,569	1,350	2,159	2,967	118,006	6,503,321	536,648		
7	1,373,594	376,497	1,006,660	2,832,395	49,143,289	75,004	2,154	501	1,683	1,964	70,836	2,368,739	179,630		
8	4,391,962	456,136	2,469,043	5,159,729	47,539,973	31,356	2,156	1,056	1,100	979	1,996,359	149,602	149,602		
9	3,410,596	2,143,300	4,308,511	5,497,371	205,035,200	99,711	4,158	3,023	2,135	2,481	93,072	1,022,459	467,184		
10	2,972,425	685,456	617,309	2,552,139	75,111,522	36,171	3,263	1,959	1,304	1,120	31,788	968,982	191,650		
11	16,302	16,241	6,728	80,940	2,056,063	2,686	168	98	70	47	2,471	11,655	8,141		
12	4,271	9,231	61,000	1,308,597	1,511	75	42	33	15	1,820	7,079	3,771	3,771		
13	81,332	72,147	6,698	486,944	8,221,323	8,901	311	160	151	202	8,388	33,227	25,668		
14	55,409	40,187	16,272	177,956	3,467,888	3,805	122	121	101	75	3,598	8,057	15,031		
15	8,552	3,353		36,272	807,666	7	37	18	29	629	6,530	6,530	6,530		
16	16,771	17,657	13,761	98,900	1,375,765	1,831	225	76	49	36	1,070	3,878	6,298		
17	465,454	173,989	513,042	872,969	13,334,975	14,230	2,641	2,294	347	286	11,303	405,579	161,759		
18	101,026	47,354	44,889	256,533	8,847,501	7,176	227	196	131	148	6,801	26,809	18,048		
19	15,379,127	5,695,466	5,976,032	8,694,684	349,059,786	405,685	13,457	9,130	4,327	7,395	384,833	5,352,313	1,618,806		
20	3,667,382	836,766	2,970,544	3,184,699	23,767,112	62,874	4,333	3,064	1,269	1,356	57,185	2,135,777	294,703		
21	565,274	176,369	285,982	962,798	61,934,201	31,262	3,269	2,628	631	474	27,559	522,176	405,409		
22	3,579,472	287,460	2,376,856	3,682,514	76,638,974	83,389	2,643	1,435	1,218	1,010	82,436	1,996,359	259,379		
23	4,045,646	1,948,758	470,355	1,524,079	47,714,473	680	153	118	52	1,456	40,397	452,662	279,861		
24	445,146	65,735	40,857	306,144	7,456,404	6,567	268	216	170	318	8,908	38,496	24,864		
25	10,731,939	2,824,161	2,157,108	623,751	58,664,852	19,566	547	109	378	935	18,114	337,792	131,834		
26	349,440	45,572	40,826	319,784	15,877,781	19,904	608	423	243	228	19,010	81,438	23,453		
27	1,054,092	158,066	162,084	1,149,797	31,697,525	32,462	2,450	1,783	667	336	29,676	339,677	109,472		
28	10,647	4,300	1,325	18,771	566,812	960	79	51	28	21	860	34,665	2,625		
29	4,776	162,963	49	14,843	6,432,417	3,987	75	51	44	46	3,866	1,319,513	15,648		
30	1,551	414	5,593	8,416	322,517	527	28	16	12	8	491	1,038	815		
31	1,665,839	147,570	395,947	961,660	18,722,634	18,201	1,283	1,074	369	377	16,441	508,808	66,943		
32	4,392	1,624	5,800	39,947	516,213	671	30	9	21	13	628	642	1,480		
33	133,786	88,559	8,303	524,669	5,782,945	8,201	279	161	178	177	7,745	103,419	18,118		
34	345	150,074	119,628	675,698	8,795,646	17,506	320	208	243	374	16,893	294,416	34,630		
35	7,796,172	965,443	4,465,926	4,566,270	76,287,889	82,808	2,239	919	1,327	2,168	78,404	5,369,353	416,282		
36	20,212	7,565	37,386	109,075	1,308,617	3,094	231	165	66	38	2,525	75,296	5,092		
37	10,336	16,783	6,680	55,828	1,252,792	2,079	45	33	32	20	2,014	47,899	7,012		
38	58,771	13,296	1,963	121,628	2,874,595	4,267	186	58	128	67	4,014	136,129	16,098		
39	197,792	76,493	217,694	614,962	8,846,565	5,796	173	9	164	140	5,483	276,367	47,366		
40	422,579	96,122	184,903	684,661	12,100,075	23,393	870	338	432	490	22,033	170,616	53,201		
41	617,097	94,575	54,372	597,395	12,092,547	18,968	82	87	365	458	18,628	807,131	34,523		
42	333,828	187,850	767,885	1,550,439	24,350,667	32,643	832	76	156	1,016	30,785	850,972	91,924		
43	193,900	18,084	117,135	208,141	4,603,485	6,739	215	75	140	702	6,422	116,526	14,680		
44	496,198	62,501	62,449	3,222,131	6,547,059	1,163	131	72	99	79	933	102,251	8,445		
45	2,783,975	308,216	2,137,314	1,312,185	25,637,882	15,842	1,349	660	701	573	13,920	1,211,883	95,074		
46	917,799	62,333	102,096	417,359	10,742,150	7,643	461	261	260	275	9,857	420,263	32,003		
47	1,822,535	453,386	394,409	1,049,933	54,991,961	21,701	769	594	365	510	20,563	119,642	174,580		
48	27,632	158,145	23,036	382,808	8,649,342	3,940	284	169	115	64	3,592	48,920	26,278		
49	107,834	61,409	61,542	346,707	10,572,188	8,933	306	202	194	178	8,499	85,550	30,328		
50	1,075,447	542,972	2,996,083	1,716,756	26,787,135	26,787	1,411	647	514	647	25,643	218,775	98,777		
51	78,965	40,410	132,535	318,423	5,587,744	6,112	210	86	120	86	1,230	5,682	397,174		
52	8,256	431,829	238,982	874,462	34,271,651	14,104	301	100	201	352	13,461	44,217	47,272		
53	71,911	211,929	265,066	721,210	22,083,262	11,735	390	102	288	341	11,004	74,650	47,226		
54	275,556	243,129	196,768	604,912	23,271,597	6,263	487	213	274	204	5,572	38,431	26,862		
55	141,231	93,593	14,462	226,886	10,537,556	7,653	162	48	114	148	7,343	167,989	20,742		
56	16,935	12,917	7,717	72,846	1,191,512	1,299	74	112	62	38	1,067	33,708	8,670		
57	2,814,259	576,946	595,130	2,252,707	63,368,454	27,319	2,977	1,799	1,128	804	26,338	827,885	163,238		

\* The following numbers of persons, which could not be distributed by states, are included under the proper headings in the United States totals: Aggregate, 974; salaried officers of corporations, superintendents, and managers, 310; and clerks, 664.

## ABSTRACT OF THE CENSUS—MINING.

PRODUCING MINES, QUARRIES, AND WELLS—LAND CONTROLLED, CAPITAL, EXPENSES, VALUE OF PRODUCTS,

Table 25		EXPENSES OF OPERATION AND DEVELOPMENT.										
INDUSTRY.	Number of operators.	Number of mines, quarries, and wells.	Land controlled (acres).	Capital.	Services.			Supplies, materials, and fuel.				
					Total.	Salaried officers of corporations, superintendents, and managers.	Clerks and other salaried employes.	Wage earners.	Supplies and materials.	Purchased ore and natural gas (exclusive of product).	Fuel and rent of power.	
1	All industries (U. S.)	19, 315	24, 215, 611	\$3, 380, 925, 841	\$1, 042, 642, 683	\$32, 823, 748	\$20, 569, 863	\$886, 774, 079	\$173, 411, 438	\$29, 318, 316	\$15, 136, 550	
2	FUELS:											
3	Coal, anthracite.....	192	423	465, 134	246, 928, 078	130, 324, 467	2, 317, 223	2, 266, 081	92, 317, 659	23, 504, 740	3, 193, 226	
4	Coal, bituminous.....	3, 273	6, 013	7, 717, 615	1, 062, 397, 083	395, 967, 026	12, 724, 418	9, 076, 477	294, 196, 488	40, 064, 869	433, 801	
5	Petroleum and natural gas.....	7, 793	166, 520	12, 694, 838	685, 308, 407	135, 628, 444	4, 848, 224	2, 293, 657	57, 091, 650	39, 947, 013	9, 888, 877	
6	Peat.....	10	10	1, 629	318, 024	96, 034	17, 178	5, 018	40, 313	6, 490	17, 974	
7	METALS:											
8	Iron.....	176	483	1, 313, 214	300, 735, 917	74, 071, 839	1, 749, 989	1, 639, 973	29, 731, 456	12, 567, 428	4, 632, 289	
9	Copper.....	101	368	276, 598	304, 896, 296	107, 679, 212	1, 928, 167	1, 788, 861	49, 382, 079	23, 718, 373	10, 506, 964	
10	Precious metals.....	1, 604	2, 845	374, 685	443, 715, 258	68, 764, 692	2, 816, 906	980, 474	30, 868, 371	14, 100, 617	6, 451, 627	
11	Deep mines.....	678	880	213, 578	56, 840, 870	6, 810, 482	359, 376	71, 397	5, 669, 574	2, 194, 444	655, 032	
12	Lead and zinc.....	977	1, 142	182, 352	62, 627, 933	24, 483, 294	896, 752	105, 844	10, 477, 637	4, 836, 023	1, 047, 047	
13	Quicksilver.....	12	12	22, 857	2, 718, 812	718, 861	63, 441	15, 140	407, 544	130, 847	54, 351	
14	Manganese.....	20	3	4, 327	460, 000	21, 725	4, 020	480	11, 888	3, 461	498	
15	Tungsten.....	22	116	7, 624	1, 968, 458	365, 789	29, 801	3, 240	178, 345	85, 555	8, 648	
16	STRUCTURAL MATERIALS:											
17	Limestone.....	3, 988	4, 603	341, 695	1, 132, 641, 789	63, 641, 585	\$3, 642, 297	\$1, 504, 442	\$9, 661, 851	\$8, 800, 184	\$3, 482, 054	
18	Granite.....	1, 065	1, 910	126, 428	44, 084, 470	24, 875, 507	1, 227, 758	14, 082, 188	3, 754, 125	1, 507, 028	1, 507, 028	
19	Sandstone.....	707	826	51, 398	25, 422, 367	16, 192, 138	741, 171	328, 361	11, 112, 195	1, 921, 912	157, 078	
20	Marble.....	595	677	65, 380	15, 758, 456	6, 676, 438	398, 383	132, 086	5, 983, 340	999, 858	319, 961	
21	Slate.....	777	108	48, 445	20, 272, 755	4, 842, 835	281, 018	102, 089	3, 079, 023	544, 327	261, 689	
22	Slate.....	185	219	19, 897	12, 177, 350	5, 831, 256	366, 899	98, 580	4, 088, 653	521, 773	327, 397	
23	Traprock.....	196	220	18, 088	8, 745, 553	5, 090, 538	241, 777	102, 317	2, 538, 964	1, 018, 099	273, 082	
24	Bluestone.....	563	637	14, 795	1, 299, 789	1, 182, 873	\$3, 052	8, 446	707, 511	130, 014	20, 219	
25	MISCELLANEOUS:											
26	Asbestos.....	5	20	3, 045	88, 000	72, 747	7, 940	2, 200	31, 180	23, 120	400	
27	Asphaltum and bituminous rock.....	12	19	7, 137	2, 557, 273	301, 073	39, 809	4, 329	128, 977	66, 159	13, 588	
28	Barytes.....	23	42	14, 079	472, 751	176, 967	13, 623	6, 509	90, 310	21, 756	6, 468	
29	Bauxite.....	10	10	14, 214	3, 023, 414	316, 221	24, 878	7, 608	198, 273	21, 063	33, 624	
30	Burhstones and millstones.....	14	14	506	9, 085	18, 354	225	...	16, 025	883	25	
31	Clay.....	261	336	59, 653	678, 077	2, 289, 198	180, 863	44, 024	1, 361, 622	280, 452	108, 389	
32	Fluoridum and emery.....	4	6	1, 553	213, 909	7, 459	1, 044	...	3, 675	260	...	
33	Feldspar.....	22	28	3, 856	406, 759	289, 896	35, 367	3, 856	166, 633	40, 832	15, 892	
34	Corundum.....	13	15	3, 434	195, 215	319, 426	19, 649	5, 024	168, 445	24, 045	24, 414	
35	Fuller's earth.....	16	21	6, 644	1, 302, 427	274, 776	33, 850	4, 470	118, 629	35, 779	48, 010	
36	Garnet.....	3	4	3, 396	81, 858	86, 306	3, 550	900	10, 204	19, 491	5, 745	
37	Graphite.....	19	20	5, 984	1, 935, 768	328, 000	23, 588	2, 426	160, 669	69, 601	35, 922	
38	Grimstones.....	13	25	2, 044	394, 234	339, 261	20, 572	5, 373	148, 323	90, 470	14, 562	
39	Gypsum.....	78	222	54, 215	10, 213, 284	4, 095, 662	288, 454	1, 850, 897	886, 656	2, 800, 420	7, 586	
40	Infusorial earth.....	14	16	2, 345	147, 900	61, 083	4, 990	120	27, 627	4, 432	9, 235	
41	Magnesite.....	3	13	2, 359	89, 016	62, 444	5, 338	2, 105	32, 479	6, 282	7, 586	
42	Mica.....	3	3	2, 250	70, 146	17, 812	2, 895	1, 039	9, 997	1, 463	1, 525	
43	Mica.....	73	78	12, 245	1, 261, 780	182, 828	13, 570	960	124, 638	10, 377	12, 392	
44	Mineral pigments.....	23	26	1, 537	386, 051	115, 860	15, 082	1, 809	43, 974	14, 719	7, 775	
45	Monazite and zircon.....	4	4	50, 550	63, 000	50, 909	3, 100	600	5, 846	4, 750	730	
46	Oilstones, scythstones, and whetstones.....	21	45	3, 928	247, 478	99, 229	4, 083	1, 000	69, 884	4, 957	6, 601	
47	Phosphate rock.....	51	153	304, 667	30, 642, 656	7, 421, 430	430, 523	166, 467	3, 215, 661	898, 657	1, 360, 368	
48	Precious stones.....	23	27	2, 858	701, 945	196, 908	36, 169	2, 700	96, 972	30, 449	1, 012	
49	Pyrite.....	3	4	490	...	90	...	...	...	...	...	
50	Pyrite.....	11	12	9, 179	1, 717, 410	734, 355	34, 573	20, 329	408, 419	152, 143	71, 537	
51	Quartz.....	14	14	1, 877	343, 883	155, 418	10, 447	2, 679	81, 648	17, 461	12, 065	
52	Sulphur.....	4	4	6, 747	5, 293, 900	4, 638, 389	64, 289	46, 059	324, 338	248, 883	798, 384	
53	Talc and soapstone.....	39	46	11, 576	8, 659, 744	1, 036, 371	71, 334	31, 678	504, 116	196, 054	60, 339	
54	Tripoli.....	4	7	874	170, 800	42, 493	6, 000	840	22, 667	7, 407	2, 066	
55	ALL OTHER INDUSTRIES*	10	27	27, 843	6, 891, 550	740, 874	38, 590	12, 086	373, 269	125, 340	138, 929	

\* Includes \$4,876,095 which can not be distributed among the several industries.

In some cases the same operator conducted two or more quarries producing different kinds of stone, all quarries being managed through one central administrative office. In such instances it was impossible to assign the corporate officers and the central office force to any particular quarry; this was also the case in respect to taxes, which were reported in a lump sum for all properties. The total central office expenses were accordingly apportioned among the several industries in proportion to the total expenses of each, and the estimated amounts of such administrative expenses were added to "Sundry expenses" for each industry. In the totals for "Structural materials," however, the number of officers and salaried employes, as well as their salaries, and the amount of taxes, appear under the proper heads. The amounts thus included in the item of "Sundry expenses" for individual industries and distributed in the totals for "Structural materials" are as follows: Officers, \$89,239; clerks, \$24,225; and taxes, \$27,767.

# INDUSTRIES AND STATES.

PERSONS ENGAGED IN MINING INDUSTRIES, AND POWER, FOR THE UNITED STATES, BY INDUSTRIES: 1909.

	EXPENSES OF OPERATION AND DEVELOPMENT—continued.												PERSONS ENGAGED IN MINING INDUSTRIES.										
	Miscellaneous.				Per cent of total.			Value of products.	Aggregate.	Proprietors and officials.						Wage earners Dec. 15 or nearest representative day.	Primary horse-power.						
	Royalties and rent of mines.	Taxes.	Contract work.	Rent of offices and other sundry expenses.	Services.	Supplies.	Miscellaneous.			Total.	Proprietors and firm members.		Salaried officers of corporations, superintendents and managers.	Clerks and other employees.									
											Total.				Number performing manual labor.								
1	\$63,973,588	\$17,796,763	\$28,887,898	\$43,950,513	61.4	23.8	14.8	\$1,238,410,322	1,138,332	49,374	29,922	8,861	19,452	24,675	1,065,283	4,608,253							
2	7,980,739	2,681,877	1,701,514	3,361,408	69.5	19.2	11.3	149,180,471	178,094	1,315	188	72	1,127	3,183	173,504	676,753							
3	12,682,488	4,481,816	2,209,672	13,127,020	79.8	12.1	8.1	427,962,464	592,677	11,620	3,739	713	7,881	11,268	569,789	1,227,401							
4	21,282,520	2,576,980	16,736,510	9,428,312	35.3	37.5	35.9	185,416,684	62,172	19,553	16,213	2,155	3,140	2,988	39,831	1,221,909							
5	800			9,834	63.0	25.3	11.5	109,947	203	15	1		14		152	1,416							
6	15,174,735	3,970,355	2,698,842	1,876,703	44.7	23.3	32.0	106,947,682	55,176	1,109	79	24	1,633	1,837	52,230	346,534							
7	1,789,650	1,934,158	644,562	2,574,335	49.3	44.2	6.0	134,016,987	55,288	601	76	42	852	1,454	53,143	376,464							
8	1,165,985	1,084,576	3,663,984	2,588,899	50.4	37.3	12.3	83,885,928	37,755	3,389	2,011	951	1,348	780	33,616	200,966							
9	141,716	119,369	99,882	479,422	45.5	42.2	12.3	10,227,252	5,436	1,149	951	673	198	88	4,199	27,278							
10	2,301,839	167,188	197,239	1,632,983	47.3	37.5	15.1	31,363,694	24,397	2,523	1,947	1,171	578	269	21,603	116,559							
11	5,268	6,957	9,878	25,233	67.6	25.8	6.6	868,458	649	27	3	4	24	15	598	784							
12		678			78.7	18.2	3.1	20,435	65	7	4	1	3	1	57	175							
13	1,373	3,213	40,976	14,527	57.8	25.8	16.4	465,437	227	47	32	20	13	8	177	486							
14	1,439,445	496,235	493,590	2,451,467	70.4	19.3	10.3	75,992,908	\$101,129	6,744	4,106	1,827	2,638	2,035	92,359	303,442							
	488,919	181,117	201,880	1,961,657	66.2	22.0	11.8	29,832,922	41,029	1,634	640	1,011	889	37,693	123,024								
	194,349	113,097	65,744	938,231	75.2	16.6	8.2	18,997,976	22,211	1,248	730	318	518	402	20,561	61,095							
	97,694	53,075	73,359	648,673	68.3	18.5	13.2	7,702,423	11,025	913	357	215	326	204	9,908	33,487							
	47,911	79,616	27,344	426,818	71.5	18.6	11.9	6,229,120	6,669	188	49	6	139	148	6,313	21,779							
	271,232	33,152	28,962	1,564,560	77.1	14.5	8.4	6,054,174	10,121	499	221	70	278	184	9,438	29,277							
	252,500	32,361	60,294	832,302	56.7	25.5	17.8	5,578,317	6,748	317	116	22	201	171	6,269	29,711							
	56,999	5,070	6,997	129,552	70.0	13.5	16.5	1,588,466	3,629	827	799	556	38	18	2,173	5,669							
22	45	846	400	6,607	56.8	32.3	10.9	65,140	88	5			5	4	79	380							
23	1,517	5,694	15,546	26,053	57.4	26.4	16.2	466,461	241	20			20	6	215	838							
24	14,232	1,967	14,346	7,703	62.5	15.9	21.6	224,766	372	35	23	11	12	7	330	262							
25	6,969	3,993		19,271	73.0	17.9	9.5	670,829	726	27	1		26	9	690	1,565							
26	271	28		697	91.8	2.8	5.4	34,441	79	19	18	15	1		69								
27	85,603	25,147	48,068	154,729	69.3	17.0	13.7	2,945,948	4,361	404	244	77	160	76	3,871	8,868							
28	708	111		1,761	63.3	3.5	33.2	18,185	199	2			2		17								
29	9,238	1,473	8,681	27,494	56.7	23.7	19.6	271,437	363	28	11	7	17	10	325	983							
30	1,917	1,012	949	63,321	60.5	18.5	21.0	288,909	376	27	8	4	19	7	342	1,179							
31	852	2,863	67	30,478	67.1	30.5	12.4	315,762	380	27	3	3	24	8	345	1,739							
32	6,840	4,869	16,547	45,575	23.7	28.8	8.8	191,620	129	7	5	2	2	1	112	315							
33	5,763	3,401	4,000	23,918	56.6	32.1	11.3	344,130	436	26	2	2	24	6	404	2,647							
34	3,348	2,134	28,597	19,882	51.4	33.6	15.0	413,296	430	16	5	2	11	6	408	1,648							
35	74,916	39,662	16,558	842,243	48.4	31.8	19.8	5,812,510	4,215	103			157	274	3,778	17,685							
36	238	832	2,430	10,761	53.6	22.4	24.0	75,563	99	23	16	1	7	1	75	316							
37	243	232		8,179	63.9	22.2	13.9	68,463	84	8	3	2	5	2	74	126							
38	5,684	247	6,036	8,299	75.8	18.8	7.4	15,307	38				3	2	29	105							
39	3,469	1,235	20,388	7,407	52.5	19.4	28.1	151,015	246	35	20	2	15	2	209	849							
40	1,961	360	36,569	7,769	67.6	5.0	77.8	64,472	84	8	6	2	2	1	35	45							
42	1,061	1,211	6,622	3,849	55.5	11.7	12.8	206,028	232	25	19	9	6	1	206	448							
43	345,568	86,859	251,849	671,478	51.3	30.4	18.3	10,781,192	8,573	214	17		197	173	8,186	50,526							
44	160	1,746		27,860	68.8	16.1	15.1	315,464	145	33	5	5	28	5	167	109							
45	869	6,145	2,739	37,692	89.0	8.8	11.2	29,997	25	5	5	3		2	18								
46	2,857	8,340		10,296	63.1	39.5	6.4	676,884	1,160	22	4		18	27	1,111	254							
47	989	1,512	16,351	10,296	61.0	19.0	20.0	231,625	268	18	7		11	6	154	1,219							
48	53,696	361	3,992,738	9,621	21.1	66.3	4,422,969	1,452	13				13	39	408	3,114							
49	21,287	16,861	3,850	116,512	68.6	25.3	16.1	1,174,616	1,452	14	16	2	48	32	1,336	9,433							
50	2,662	713		208	69.4	22.1	8.5	66,537	73	11	4		7	2	60	265							
51	2,152	8,933	500	40,715	67.3	35.7	7.0	778,938	560	20	4	3	16	13	527	3,141							

<sup>a</sup> The following numbers of persons, which could not be distributed among the several industries, are included under the proper headings in the totals for building stone: Aggregate, 326; officers of corporations, 107; and clerks, 219.

<sup>b</sup> Includes enterprises as follows: Antimony, 1; bismuth, 1; borax, 2; chromite, 2; manganese iron, 2; nickel and cobalt, 1; and tin, 1.

## ABSTRACT OF THE CENSUS—MINING.

## NONPRODUCING MINES, QUARRIES, AND WELLS—PERSONS ENGAGED IN MINING INDUSTRIES, LAND CONTROLLED, POWER, CAPITAL, AND EXPENSES: 1909.

INDUSTRY.	Number of operators.	Number of mines, quarries, and wells.	PERSONS ENGAGED IN MINING INDUSTRIES.										
			Aggregate.	Proprietors and officials.					Clerks and other salaried employees.	Wage earners (excl. 15 or near-est representative day).	Land controlled (acres).	Primary horsepower.	Capital.
				Total.	Proprietors and firm members.		Officials.	Number performing manual labor.					
					Total.	Number performing manual labor.							
<b>All industries (United States)</b> .....	3,749	27,616	5,494	3,769	1,076	1,725	623	21,499	1,969,067	91,657	\$282,001,223		
<b>FUELS:</b>													
Coal, anthracite.....	6	6	327	6	6	41	321	513	1,945	22,728			
Coal, bituminous.....	38	155	765	50	9	5	60	89,700	6,402,645	6,402,645			
Petroleum and natural gas.....	260	1,128	1,917	306	207	19	188	70	1,115,101	8,577	14,166,314		
<b>METALS:</b>													
Iron.....	20	21	804	23	5	2	18	28	753	30,420	3,471		
Copper.....	13	13	799	39	5	2	39	54	706	15,579	4,248		
Precious metals—	3,078	8,352	4,426	3,135	881	1,291	399	15,628	598,832	59,224	233,123,939		
Placer mines.....	132	192	772	199	152	103	47	5	568	54,154	5,001		
Lead and zinc.....	63	71	494	150	123	28	27	8	336	4,737	3,486		
Quicksilver.....	18	28	139	27	10	9	8	1	111	9,139	120		
Manganese.....	5	9	42	9	6	3	3	33	4,016	248	105,550		
Tungsten.....	12	84	109	14	7	7	1	94	3,470	127	459,602		
<b>STRUCTURAL MATERIALS:</b>													
Limestone.....	9	9	159	10	17	2	4	136	5,024	879	273,121		
Granite.....	3	3	18	6	5	1	12	76	76	13,990			
Marble.....	11	20	81	19	13	6	1	61	4,136	206	496,352		
Slate.....	9	10	94	16	12	5	4	78	395	390	166,081		
<b>MISCELLANEOUS:</b>													
Asbestos.....	5	76	25	4	1	4	2	19	2,455	.....	264,234		
Clay.....	6	6	46	16	14	1	2	30	973	20	34,760		
Fluor spar.....	3	3	14	4	3	1	1	10	147	10	116,500		
Graphite.....	5	6	35	6	1	3	3	26	11,005	83	255,018		
Gypsum.....	4	6	25	4	2	1	1	21	1,230	10	46,741		
Mica.....	4	4	29	5	3	3	2	24	165	.....	15,708		
Oilstones, scythesstones, and whetstones.....	4	4	13	6	6	6	7	245	70	.....	2,000		
Phosphate rock.....	5	33	137	8	2	4	2	127	3,765	455	132,000		
Precious stones.....	7	11	27	11	11	2	6	16	261	.....	22,125		
<b>ALL OTHER INDUSTRIES<sup>1</sup>.....</b>	29	54	292	31	16	7	15	15	246	15,534	406	1,612,197	

INDUSTRY.	Total.	EXPENSES OF OPERATION AND DEVELOPMENT.						Contract work.	Miscellaneous expenses.
		Services.			Supplies, materials, and fuel.				
		Salaried officers of corporations, superintendents, and managers.	Clerks and other salaried employees.	Wage earners.	Supplies and materials.	Fuel and rent of power.			
<b>All industries (United States)</b> .....	\$31,848,738	\$2,092,650	\$392,277	\$12,931,910	\$10,877,732	\$1,366,862	\$11,802,590	\$2,084,545	
<b>FUELS:</b>									
Coal, anthracite.....	263,501	7,151	3,009	173,438	58,966	2,563	1,351	17,043	
Coal, bituminous.....	748,867	37,795	14,878	229,028	164,677	2,137	214,310	86,402	
Petroleum and natural gas.....	7,044,983	191,155	25,543	1,002,983	4,997,764	198,532	303,162	385,524	
<b>METALS:</b>									
Iron.....	802,301	18,668	15,902	316,530	227,882	83,674	63,775	126,410	
Copper.....	900,222	57,882	34,556	475,123	167,906	75,113	12,698	76,974	
Precious metals—	20,221,074	1,630,738	276,360	10,666,470	5,017,908	951,148	1,089,536	1,268,014	
Placer mines.....	506,426	49,685	1,375	243,436	145,138	6,219	27,487	33,186	
Lead and zinc.....	241,450	16,501	2,712	86,442	39,205	24,161	63,336	9,093	
Quicksilver.....	96,914	7,030	900	69,334	19,367	1,970	.....	7,282	
Manganese.....	19,167	2,203	.....	12,334	2,168	1,262	.....	1,210	
Tungsten.....	83,577	15,412	816	42,204	14,960	565	.....	9,920	
<b>STRUCTURAL MATERIALS:</b>									
Limestone.....	77,112	874	2,592	22,612	42,424	679	4,420	3,511	
Granite.....	4,524	600	.....	2,395	1,510	.....	.....	69	
Marble.....	43,531	7,380	600	19,054	8,379	2,206	1,800	4,112	
Slate.....	29,175	3,890	.....	1,002,983	2,623	2,427	.....	701	
<b>MISCELLANEOUS:</b>									
Asbestos.....	36,803	8,177	1,420	14,311	1,422	.....	.....	11,563	
Clay.....	6,996	900	.....	3,773	1,000	.....	40	1,283	
Fluor spar.....	4,218	1,320	.....	2,010	449	.....	.....	194	
Graphite.....	62,801	11,000	.....	14,577	2,225	.....	.....	22,255	
Gypsum.....	6,290	120	.....	4,130	1,635	5	.....	400	
Mica.....	5,343	600	2,578	708	1,102	.....	500	55	
Oilstones, scythesstones, and whetstones.....	1,905	.....	.....	937	105	.....	.....	653	
Phosphate rock.....	37,567	4,825	3,370	24,673	1,421	3,828	.....	2,470	
Precious stones.....	2,227	.....	.....	1,811	301	.....	.....	115	
<b>ALL OTHER INDUSTRIES<sup>2</sup>.....</b>	142,002	19,224	7,318	64,755	16,143	9,930	9,117	15,515	

<sup>1</sup> Exclusive of wells not completed on Dec. 31, 1909.<sup>2</sup> Includes enterprises as follows: Anthimony, 1; asphaltum and bituminous rock, 2; bauxite, 1; borax, 1; chromite, 1; feldspar, 1; garnet, 1; grindstones, 1; industrial earth, 1; lithographic stone, 2; lithium, 1; magnesite, 1; mineral pigments, 2; molybdenum, 4; monazite and zircon, 1; pearl, 2; pyrite, 1; quartz, 1; tin, 1; uranium, 1; and vanadium, 1.

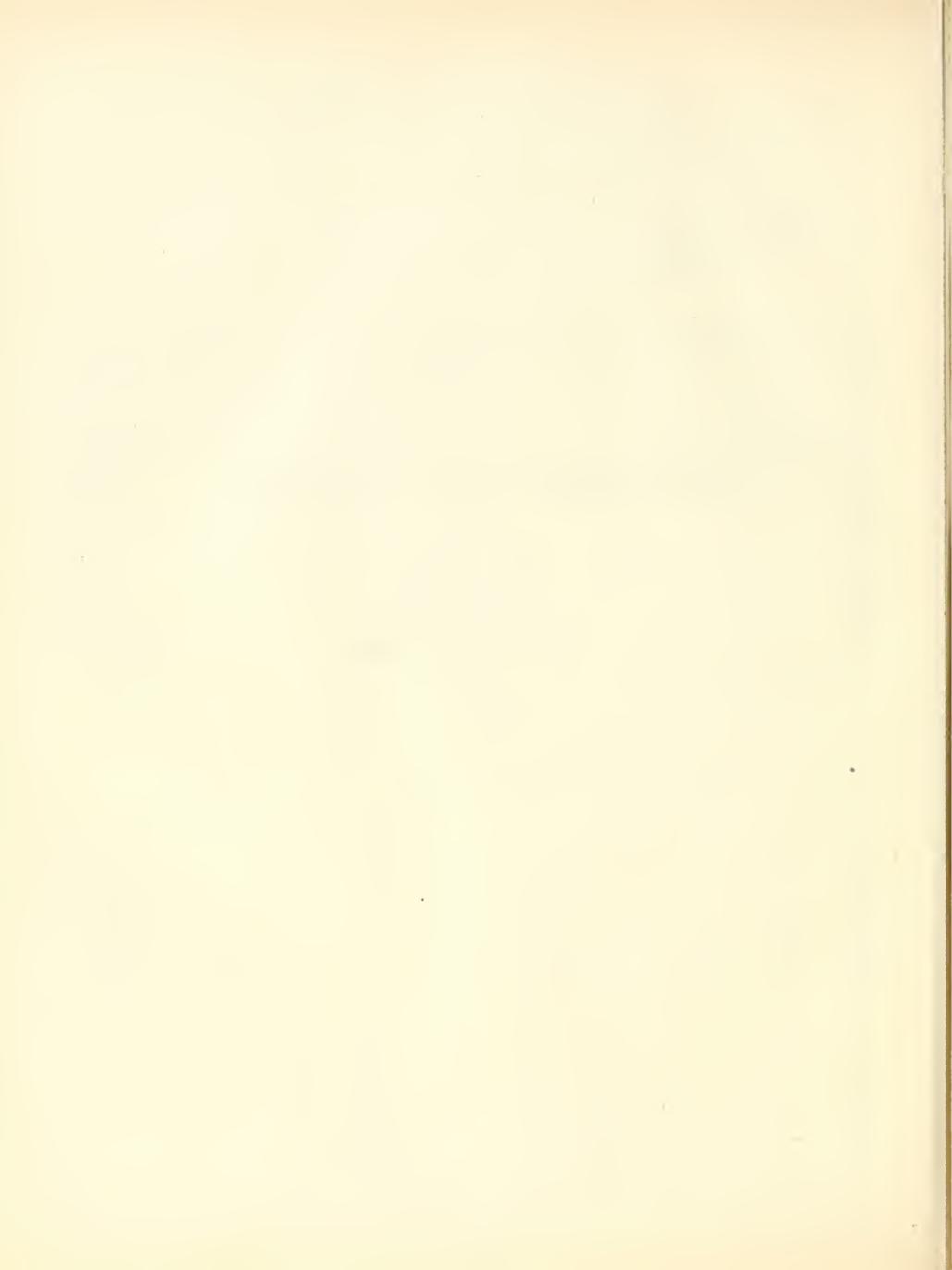
# SUPPLEMENT FOR CALIFORNIA



POPULATION  
AGRICULTURE  
MANUFACTURES  
MINES AND QUARRIES

75175°—13—37

(565)



## CHAPTER I.

### NUMBER OF INHABITANTS.

**Introduction.**—This chapter gives the population of California, by counties and minor civil divisions, as enumerated at the Thirteenth Census, taken as of April 15, 1910, with comparative statements of population where possible, and a statement and discussion for the state as a whole of the population living in urban and in rural territory. The statistics are given in detail in two general tables.

Table 1 (p. 574) shows the population of California, distributed according to counties and minor civil divisions, at the last three censuses, namely, those of 1910, 1900, and 1890. The counties and primary divisions are arranged alphabetically, with the exception of 18 counties, in which the primary divisions are arranged numerically. The figures for secondary divisions are printed in italics. The changes in boundaries, name, or form of organization that have taken place since 1900 are indicated in the footnotes to the table. For changes between 1890 and 1900 reference must be made to the census report of 1900.

It may be noticed that the county totals as given in Table 1 for 1900 and 1890 sometimes exceed the aggregate population of the minor civil divisions as shown in the table. This is for the most part due to the territorial changes that have been made in the minor civil divisions of certain counties since 1890. In other cases cities returned in 1910 as parts of townships were returned independently in 1900 and 1890, and some townships reported separately at one census were reported in combination with other townships at another census.

Table 2 (p. 582) shows the cities and incorporated towns in California, alphabetically arranged, with their population in 1910, 1900, and 1890.

The population of California, by counties, at each of the last five censuses, from 1870 to 1910, inclusive; the

increase during the last two decades; the density of the total and the rural population at the census of 1910; and the distribution of the population at the last two censuses according to urban and rural districts, are given in Table I of Chapter 2.

The tables and text of the present chapter contain few technical expressions whose meaning is not apparent. The census usage in regard to certain terms is, however, explained below:

**Density of population.**—The density of population of a state or county is obtained by dividing its total population by the number of square miles in its land area. In calculating the density of rural population, the same divisor is used as it is not practicable to ascertain and deduct the exact area covered by the urban districts, and even if this could be done with accuracy the deduction of this area from the total land area would ordinarily make no appreciable difference in the resulting quotient.

**Minor civil divisions.**—The counties are divided generally into smaller political units which bear different designations in the different parts of the country, such as towns, judicial townships, election precincts, etc. Of these minor civil divisions those which rank next to the county as geographic areas are termed primary divisions. In many instances, however, these primary divisions contain political units of still smaller area, such as cities, incorporated villages, towns, or boroughs. These smaller political units are referred to as secondary divisions.

**Urban and rural population defined.**—The Census Bureau, for purposes of discussion, has defined urban population as that residing in cities and other incorporated places of 2,500 inhabitants or more, and rural population as that residing outside of such incorporated places.

The comparisons of the urban and rural population in 1910 with that at earlier enumerations may be made either with respect to the varying proportions of the two classes at successive enumerations or with respect to the increase between enumerations. In order to contrast the *proportion* of the total population living in urban or rural territory at the census of 1910 with the proportion urban or rural at the preceding census, it is necessary to classify the territory according to the conditions *as they existed* at each census. In this comparison a place having less than 2,500 inhabitants in 1900 and

HISTORICAL NOTE.—California was named by Spanish discoverers from a fabulous island described in a Spanish romance as "on the right hand of the Indies \* \* \* very near to the Terrestrial Paradise."

The territory now constituting the state of California was first visited by white men in 1542, when Juan Cabrillo, a Portuguese navigator in the service of Spain, explored the coast and islands in the Santa Barbara region and probably sailed as far north as Monterey Bay. In 1579 Sir Francis Drake sailed along the coast and landed, supposedly at Drake's Bay, a few miles northwest of San Francisco. He named the country New Albion and took possession in the name of Elizabeth of England. The English did not occupy the region, however, and the first settlement was made by the Spaniards, in 1769, when the Franciscan Fathers founded a mission at San Diego. In 1776 the Mission Dolores was established where San Francisco now stands.

California was under Spanish rule until 1822, when, on the successful termination of the Mexican Revolution, it declared its independence of Spain and its allegiance to the newly established Mexican Government.

For several years prior to 1846 large numbers of immigrants from the United States had been arriving in California, and in June of that year a revolt against Mexico was begun by the American settlers. The Mexican War was already in progress, and during July and August, 1846, the American flag was raised at Monterey, San Francisco, Sonoma, Sacramento, San Jose, San Juan Bautista, San Diego, Santa Barbara, San Pedro, and Los Angeles. The final surrender of the Mexican forces to those of the United States took place in January, 1847. In February, 1848, by the treaty of Guadalupe Hidalgo, the Mexican claims to California and to territory north of the Gila and Rio Grande were ceded to the United States.

From 1846 to 1849 California was under military and provisional rule by the United States. In October, 1849, a state constitution was adopted by a convention held at Monterey; in the following month it was ratified by the people, and state officers were elected. On September 9, 1850, California became a state of the Union.

over 2,500 in 1910 is classed with the rural population for 1900 and with the urban for 1910. On the other hand, in order to present fairly the contrast between urban and rural communities, as regards their *rate of growth*, it is necessary to consider the changes in population for the *same territory* which have occurred from one decennial census to another. For this purpose the territory which in 1910 was urban or rural, as the case may be, is taken as the basis, and the population in 1900 for the same territory (so far as separately reported

at that census) is presented, even though part of the territory may, on the basis of its population at the earlier census, have then been in a different class. This avoids the disturbing effect on comparisons which would arise from the passage, for example, of communities formerly classed as rural into the urban group. These two distinct forms of comparison are made in Table I of Chapter 2 for the state as a whole and for each county separately for the last two censuses.

### TOTAL POPULATION, INCREASE, AND DISTRIBUTION.

**Population of the state.**—The population of California is 2,377,549. Compared with a population of 1,485,053 in 1900, this represents an increase during the last decade of 892,496, or 60.1 per cent. During the same period the total population of the United States increased 21 per cent. The percentage of increase for the state during this decade is nearly

three times the rate shown for the preceding decade, 1890–1900.

The following table shows the population of California at each census from 1850 to 1910, inclusive, together with the increase and per cent of increase during each decade, in comparison with the per cent of increase for the United States as a whole.

CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1910.....	2,377,549	892,496	60.1	21.0
1900.....	1,485,053	271,655	22.4	20.7
1890.....	1,213,398	348,704	40.3	25.5
1880.....	864,694	304,447	54.3	30.1
1870.....	560,247	180,253	47.4	22.6
1860.....	379,994	287,397	310.4	35.6
1850.....	92,597			

<sup>1</sup>Includes population (5,268) of Indian reservations specially enumerated.

California was admitted as a state in 1850 and appears in the Federal census reports for the first time in that year. Naturally, its most rapid growth was during the decade immediately following the discovery of gold in the state, which was its first decade of statehood, 1850–1860. The percentage of increase for this decade is more than five times the rate shown for any succeeding decade. Although the growth of the state during the 50 years since 1860 has been much slower than during the decade from 1850 to 1860, it has been substantial, the rates of decennial increase ranging from 22.4 per cent for the decade 1890–1900 to 60.1 per cent for the last decade.

A comparison of the rates of increase for the state with those for the United States, as given in the preceding table, shows that during each decade since 1850 the population of California has increased more rapidly than that of the United States. The difference between the two rates during the decade 1850–1860 was large; and the differences have been moderately large during every decade since then except during the decade 1890–1900, when the two rates approached each other very closely. The population of the state in 1910 was more than twenty-five times as large as in 1850, when the population of the

state was first returned, while the population of the United States in 1910 was a little less than four times that in 1850.

**Principal cities.**—California has 125 cities. San Francisco, the largest city, has a population of 416,912 and Los Angeles, the second city, a population of 319,198. Oakland, with 150,174 inhabitants, is the only other city in the state having over 100,000 inhabitants. There are also 5 cities having from 25,000 to 50,000, 13 from 10,000 to 25,000, 10 from 5,000 to 10,000, 34 from 2,500 to 5,000, and 60 less than 2,500 inhabitants. The aggregate population of the 125 cities is 1,539,144, or 64.7 per cent of the total population of the state.

Table 2 shows the population in 1910 of all the cities of the state with comparative figures, where possible, for 1900 and 1890. The table on page 569 shows the population of the 8 cities having in 1910 over 25,000 inhabitants, as reported at each census since their incorporation either as cities or towns, so far as figures are available, together with the increase during each decade.

Of the cities included in this table, Pasadena shows the highest rate of increase during the last decade, namely, 232.2 per cent, and San Francisco the lowest, 21.6 per cent.

The most rapid growth of San Francisco was during the decades from 1860 to 1880, its population increasing more than fourfold during this period, while during the 30 years since 1880 its population has less than doubled. Its lowest rate of decennial increase was 14.6 per cent for the decade 1890-1900. The next lowest rate, 21.6 per cent, was for the last decade, 1900-1910. Had it not been for the great earthquake and fire of 1906, the growth would probably have been much larger.

Los Angeles, unlike San Francisco, has shown its most rapid growth during the recent decades. For the first decade after its incorporation the percentage of increase was 172.4, this representing, however, an absolute increase of only 2,775. For the next two decades the percentages of increase were much smaller. Since 1890 the population of the city has increased more than sixfold, the absolute increase of the last decade being more than twice the population of the city in 1900 and more than four times its population in 1890.

CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.	
		Number.	Per cent.			Number.	Per cent.
<b>Berkeley:</b>				<b>Sacramento-Continued.</b>			
1910.....	40,434	27,220	206.0	1880.....	26,386	4,966	23.2
1900.....	13,214	8,113	159.0	1870.....	21,420	5,137	31.4
1890.....	5,101			1860.....	16,283	2,498	18.1
<b>Los Angeles:</b>				1850.....	13,783	6,965	102.1
1910.....	319,198	216,719	211.5	1840.....	6,820		
1900.....	102,479	52,084	103.4	<b>San Diego:</b>			
1890.....	50,793	30,212	350.6	1910.....	39,578	21,878	123.6
1880.....	11,183	5,455	95.2	1900.....	17,799	1,541	9.5
1870.....	5,728	1,243	30.6	1890.....	16,159	13,522	512.8
1860.....	4,283	2,778	172.4	1880.....	2,637	337	14.7
1850.....	1,610			1870.....	2,300	1,569	214.6
<b>Oakland:</b>				1860.....	731		
1910.....	150,174	83,214	124.3	<b>San Francisco:</b>			
1900.....	65,960	18,278	37.5	1910.....	416,912	74,130	21.6
1890.....	48,682	14,127	40.9	1900.....	342,782	43,785	14.6
1880.....	34,555	24,055	229.1	1890.....	298,997	65,063	27.8
1870.....	10,340	8,957	580.5	1880.....	233,939	84,486	58.4
1860.....	1,543			1870.....	149,473	92,671	163.1
<b>Pasadena:</b>				1860.....	56,802		
1910.....	30,291	21,174	232.2	1850 <sup>1</sup> .....			
1900.....	9,117	4,233	86.7	<b>San Jose:</b>			
1890.....	4,882			1910.....	28,946	7,446	34.6
<b>Sacramento:</b>				1900.....	21,500	3,449	19.0
1910.....	44,666	15,414	52.6	1890.....	18,060	5,493	43.7
1900.....	29,282	2,896	11.0	1880.....	12,567	3,478	28.3
				1870.....	9,089		

<sup>1</sup> The returns for 1850 for San Francisco were destroyed by fire; the state census for 1852 reports a population of 34,776.

**Counties.**—California has 58 counties. The population of these counties ranges from 309 in Alpine County to 504,131 in Los Angeles County.

The following territorial changes have been made in the counties of California since 1900: Part of San Diego County was taken to form Imperial County in 1907 and part of Fresno County was annexed to Kings County in 1909.

Owing to the organization since 1900 of one new county from part of another county as shown above, the comparison of increase or decrease in population is made for only 56 counties and one combination of counties. The combined counties are San Diego and Imperial. In order to determine the actual rate of increase for this combination of counties it is necessary to add the population of the new county to that of the old county from which it was formed. Forty-six counties and the one combination of counties increased in population during the last decade. The rates of increase of the 46 counties that show an increase range from four-tenths of 1 per cent in Del Norte County to 196 per cent in Los Angeles County, and the absolute increases of the same group of counties range

from 9 in Del Norte County to 333,833 in Los Angeles County. The combined counties of San Diego and Imperial increased 40,166, or 114.5 per cent. Ten counties have decreased in population during the last decade, the rates of decrease ranging from 5.8 per cent in Mono County to 39.3 per cent in Alpine County, and the absolute decreases from 125 in Mono County to 2,834 in Nevada County. The aggregate increase of population from 1900 to 1910 in the one combination and the 46 counties that show increases is 904,732; the aggregate decrease of population in the 10 counties that show decreases is 12,236. The difference, 892,496, is, of course, the total increase of population in the state.

The maps on page 572 show the increase or decrease in the total and the rural population, respectively, of each county of California during the last decade. In the counties shown in white the population decreased; for the other counties the different rates of increase are indicated by differences in shading.

**Density of population.**—The total land area of the state is 155,652 square miles. The average number of persons to the square mile in 1910 was 15.3; in 1900

and 1890 it was 9.5 and 7.8, respectively. The average number per square mile for the United States as a whole in 1910 was 30.9.

The density of population is given by counties in Table I of Chapter 2 and in the maps on page 573, both for the entire population and for that living in rural territory, excluding in the latter case the population of places of 2,500 or more, but not excluding the land area of such places.

San Bernardino County, with 20,157 square miles, has the largest area. San Francisco County, coextensive with San Francisco city, with 43 square miles and 9,695.6 persons per square mile, has the smallest area and the highest density. Alpine, Inyo, and Mono Counties each average less than 1 person per square mile.

**Minor civil divisions.**—The political divisions into which counties are subdivided are collectively termed "Minor civil divisions." In California the counties

are divided into 578 primary divisions, comprising 576 judicial townships and 2 cities. There are also 196 secondary divisions, comprising 123 cities and 73 towns. These secondary divisions usually form parts of their respective townships, but 10 cities and 1 town are coextensive with the judicial townships in which they are located. Besides these minor civil divisions there are 4 Indian reservations in the state, returned under the counties in which located.

**Urban and rural population compared.**—The following table presents the population of California at the censuses of 1910, 1900, and 1890, respectively, distributed among cities and towns grouped according to specified limits of population, together with the percentage of the total population contained in each group at each of the censuses named. The classification is based upon the population of each place as it existed at each census.

CLASS OF PLACES.	1910		1900		1890		PER CENT OF TOTAL POPULATION.		
	Number of places.	Population.	Number of places.	Population.	Number of places.	Population.	1910	1900	1890
Total population.....		2,377,549		1,485,053		1,213,398	100.0	100.0	100.0
<b>Urban territory.....</b>	<b>70</b>	<b>1,469,739</b>	<b>40</b>	<b>777,699</b>	<b>33</b>	<b>580,464</b>	<b>61.6</b>	<b>52.4</b>	<b>48.5</b>
Cities and towns of—									
100,000 inhabitants or more.....	3	886,284	2	445,261	1	295,957	37.3	30.0	24.6
50,000 to 100,000 inhabitants.....	5	64,108	1	56,909	1	50,305	4.2	4.5	4.2
25,000 to 50,000 inhabitants.....	5	183,945	1	29,282	2	75,068	7.7	2.0	6.2
10,000 to 25,000 inhabitants.....	13	195,701	6	98,854	5	70,626	8.3	6.7	5.8
5,000 to 10,000 inhabitants.....	19	64,108	9	67,977	5	28,124	2.7	4.2	2.3
2,500 to 5,000 inhabitants.....	39	138,701	21	74,365	19	66,254	5.8	5.0	5.5
<b>Rural territory.....</b>		<b>907,810</b>		<b>707,354</b>		<b>632,934</b>	<b>38.2</b>	<b>47.6</b>	<b>51.4</b>
Cities and towns of less than 2,500 inhabitants.....	128	153,052	76	80,748	68	77,643	6.4	6.1	6.4
Other rural territory.....		754,758		616,606		555,291	31.7	41.5	45.0

\* Includes population (5,268) of Indian reservations specially enumerated.

As shown by the above table, the urban territory of the state in 1910—that is, the cities and incorporated towns of 2,500 inhabitants or more—contained 1,469,739 inhabitants, or 61.8 per cent of the total population, while 907,810 inhabitants, or 38.2 per cent, lived in rural territory. The urban territory as it existed in 1900—that is, the cities and incorporated towns then having 2,500 inhabitants or more—contained 777,699 inhabitants, or 52.4 per cent of the total population, while 707,354 inhabitants, or 47.6 per cent, lived in rural territory. There has thus been a considerable increase in the proportion of urban population. For the United States as a whole the urban population constituted 46.3 per cent of the total population in 1910 and 40.5 per cent of the total population in 1900.

In 1910 the combined population of San Francisco, Los Angeles, and Oakland, the three cities having over 100,000 inhabitants each, represented 37.3 per cent of the total population of the state. In 1900 these three cities contributed 34.5 per cent of the total population of the state. At that time, however, Oakland was not in the group of places having over 100,000 inhabitants, for this city did not reach that

figure until some time between 1900 and 1910. The combined population of the remaining urban places, or those containing from 2,500 to 50,000 inhabitants each, in 1910 and 1900, represented 24.5 per cent and 17.9 per cent, respectively, of the total population of the state. In 1890 San Francisco, contributed 24.6 per cent of the population of the state and the remaining urban places 23.9 per cent.

The 128 places of less than 2,500 inhabitants each, comprising 60 cities and 68 towns, have an aggregate population of 153,052, or 6.1 per cent of the total population of the state. These places comprise 66 having from 1,000 to 2,500 inhabitants each, with a combined population of 111,155; 47 having from 500 to 1,000 inhabitants each, with a combined population of 36,525; and 15 having less than 500 inhabitants each, with a combined population of 5,372. The population living in unincorporated territory represents 31.7 per cent of the total population of the state.

The above table shows further that in all cities and incorporated towns, including those of less than 2,500 inhabitants, there was in 1910 a population of 1,622,791, or 68.3 per cent of the population of the state. The population of all cities and incorporated towns, as

they existed in 1900, was 868,447, or 58.5 per cent of the population of the state.

Table I of Chapter 2 shows that 26 counties and the one combination of counties had a larger proportion and 1 county a smaller proportion of urban population in 1910 than in 1900, while for 1 county the proportion was the same. Six counties wholly rural in 1900 were partly urban in 1910. Twenty-two counties were wholly rural at both censuses.

In order to compare the rate of growth in urban and rural communities it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the same territory from one decennial census to another. With this end in view places classed as urban or rural according to their population in 1910 are taken as a basis and the aggregate population in 1910 and in 1900 of the same places is then compared. Thus, as shown in the table in the next column, the total population in 1910 of the cities and towns which at that time had 2,500 inhabitants or more was 1,469,739; in 1900 the total population of these same cities and towns (so far as separately reported) was 810,193. It may be noted that the latter figure exceeds the total population in 1900 of the cities and towns which at that time had over 2,500 inhabitants each, 777,699 (see table on p. 570) by 32,494. The difference is the net result of the passage, since 1900, of certain communities from the rural to the urban class and vice versa, and of annexations of territory during the same period.

A comparison of the total population in 1910 of cities and towns having a population of not less than 2,500 each with the total population of the same places in 1900, as given in the table in the next column, shows an increase of 81.4 per cent. This represents the rate of growth of urban communities as thus defined. During the same period there has been an increase of 34.5 per cent in the population living in rural territory. Urban population thus increased nearly two and one-half times as rapidly as rural. For the United States

as a whole urban population increased 34.9 per cent in the last decade and rural population 11.2 per cent.

As shown by Table I of Chapter 2 there are 15 counties in which the population living in rural territory decreased and 1 county in which there was a decrease in urban population. Nevada was the only county that decreased in population in both urban and rural districts.

In the following table the population for the state as a whole is distributed so as to show, for 1910 and 1900, the combined population of cities having in 1910 100,000 inhabitants or more, the combined population of cities and towns having from 25,000 to 100,000, and from 2,500 to 25,000 inhabitants, respectively, and the population of the remainder of the state.

CLASS OF PLACES.	POPULATION.		INCREASE: 1900-1910	
	1910	1900	Number.	Per cent.
The state.....	2,377,549	1,485,053	892,496	60.1
Urban territory in 1910.....	1,469,739	810,193	659,546	81.4
Cities and towns of—				
100,000 inhabitants or more in 1910.	886,284	514,008	372,276	72.4
25,000 to 100,000 inhabitants in 1910.	183,945	90,813	93,132	102.6
2,500 to 25,000 inhabitants in 1910.	399,510	205,372	194,138	94.5
Remainder of the state.....	907,810	674,860	232,950	34.5

From this table it appears that the population in the group of urban places having 100,000 inhabitants or more increased during the last decade about one and one-fifth times, the group of places having from 25,000 to 100,000 inhabitants about one and two-thirds times, and the group of places having from 2,500 to 25,000 inhabitants about one and one-half times as rapidly as that of the state as a whole. The rate of increase in population for rural territory was a little more than half that of the state as a whole.

It also appears from this table that of the total increase in the population of the state during the decade, namely, 892,496, more than two-fifths was in cities of over 100,000 inhabitants.





TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. 1, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
<b>Alameda County.</b>	<b>246,131</b>	<b>130,197</b>	<b>93,864</b>	<b>Batte County—Continued.</b>			
Alameda township, coextensive with Alameda city.....	23,383	16,464	11,163	Concow township.....	961	377	459
Alameda city <sup>1</sup> :				Dayton township.....	739	469	810
Ward 1.....	3,227			Gridley township, including Gridley city.....	2,081	1,224	1,523
Ward 2.....	3,827			Gridley city <sup>2</sup> .....	471	653	852
Ward 3.....	4,873			Hamilton township, including Biggs city.....	1,837	2,070	1,819
Ward 4.....	4,873			Biggs city <sup>3</sup> .....	403		
Ward 5.....	5,918			Honcut township.....	119	373	
Ward 6.....	5,918			Humboldt township.....	1,927	1,262	1,483
Ward 7.....	5,918			Kimshaw township.....	256	281	426
Ward 8.....	5,918			Mountain Spring township.....	178	200	232
Ward 9.....	1,860			Nelson township.....	4,979	2,864	2,210
Brooklyn township, <sup>4</sup> including ward 7 of Oakland city and part of San Leandro city.....	49,140	2,168	3,108	Ophir township, including Oroville city.....	3,859	521	1,010
Oakland city (part of):	48,877			Oro township.....	626	354	284
Total for San Leandro city <sup>5</sup> in Brooklyn and Oakland townships.....	160,174	66,960	48,668	Wyandotte township.....	543	836	804
Ward 1.....	86,977						
Ward 2.....	17,659			<b>Calaveras County.</b>	<b>8,171</b>	<b>11,200</b>	<b>8,582</b>
Ward 3.....	15,372			Township 1, San Andreas <sup>14</sup> .....	1,120	1,683	1,640
Ward 4.....	15,265			Township 2, Mokelumne <sup>15</sup> .....	1,713	1,971	2,002
Ward 5.....	14,831			Township 3, Murphy <sup>16</sup> .....	1,071	1,593	1,832
Ward 6.....	16,431			Township 4, Angels <sup>17</sup> .....	3,370	4,238	4,159
Ward 7.....	48,677			Township 5, Jerry Lind <sup>18</sup> .....	1,891	1,725	1,758
San Leandro city (part of):	378						
Eden townships:	5,471	2,253		<b>Colusa County.</b>	<b>7,732</b>	<b>7,364</b>	<b>11,640</b>
Eden township, including Hayward town and part of San Leandro city.....	11,515	9,330	7,836	Arbuckle township, <sup>19</sup> including Colusa town.....	1,249	1,459	
Hayward town.....	5,749	1,966	1,419	Colusa township.....	2,518	2,721	
San Leandro city (part of).....	5,033	5,283		Colusa town.....	1,682	1,442	1,559
Murray township, <sup>20</sup> including Livermore town.....	4,137	7,172	5,987	Grand Island township.....	864	883	
Livermore town.....	2,509	1,463	1,591	Maxwell township.....	864	1,007	
Oakland township, including Albany, Berkeley, and Piedmont cities and Emeryville town, and wards 1 to 6 of Oakland city.....	147,199	115,189	123,040	Princeton township.....	633	335	
Albany city <sup>21</sup> .....	868			Stony Ford township.....	1,463	918	
Berkeley city <sup>22</sup> .....	40,834	15,211	8,101				
Precinct 1.....	2,263			<b>Contra Costa County.</b>	<b>81,674</b>	<b>108,046</b>	<b>115,516</b>
Precinct 2.....	5,153			Township 1, including Martinez town.....	3,072		
Precinct 3.....	2,166			Martinez town.....	2,115	1,580	1,600
Precinct 4.....	1,894			Township 2.....	873		
Precinct 5.....	2,694			Township 3.....	1,330		
Precinct 6.....	1,774			Township 4.....	1,146		
Precinct 7.....	2,869			Township 5, including Concord town.....	2,230		
Precinct 8.....	2,869			Concord town <sup>23</sup> .....	708		
Precinct 9.....	3,541			Township 6, including Black Diamond town.....	3,626		
Precinct 10.....	5,045			Black Diamond town <sup>24</sup> .....	2,229		
Precinct 11.....	2,166			Township 7.....	1,432		
Precinct 12.....	2,808			Township 8, including Antioch town.....	2,229		
Precinct 13.....	2,647			Antioch town.....	1,154	674	655
Precinct 14.....	5,859			Township 9.....	2,075		
Precinct 15.....	2,185			Township 10.....	1,379		
Precinct 16.....	2,659			Township 11, including Hercules and Pinole towns.....	1,776		
Precinct 17.....	1,661			Hercules town <sup>25</sup> .....	479		
Precinct 18.....	1,739			Pinole town <sup>26</sup> .....	798		
Precinct 19.....	2,618	1,016	838	Township 12.....	2,402		
Precinct 20.....	101,497			Township 13.....	449		
Ferdinand city <sup>27</sup> .....	1,719			Township 14.....	833		
Pleasanton township, <sup>28</sup> including Pleasanton town.....	2,883			Township 15, coextensive with Richmond city <sup>29</sup> .....	6,802		
Pleasanton town.....	1,884	1,100					
Washington township.....	7,874	6,914	5,596	<b>Del Norte County.</b>	<b>2,417</b>	<b>2,408</b>	<b>2,592</b>
				Crescent township, including Crescent City.....	1,688	1,137	1,620
<b>Alpine County<sup>31</sup>.</b>	<b>309</b>	<b>509</b>	<b>667</b>	Crescent City.....	1,114	659	907
Township 1.....	309			Klamath township.....	347	338	263
				Smith River township.....	382	913	709
<b>Amador County.</b>	<b>9,086</b>	<b>11,118</b>	<b>10,320</b>				
Township 1, Jackson, including Jackson city.....	3,226	3,550	2,622	<b>Eldorado County.</b>	<b>7,497</b>	<b>8,986</b>	<b>9,233</b>
Jackson city <sup>32</sup> .....	2,655			Coloma township.....	362	450	537
Township 2, Jones.....	5,045	1,772	1,822	Communes township.....	571	565	
Township 3, Volcano.....	1,164	1,494	1,535	Diamond Springs township.....	708	1,096	832
Township 4, Sutter Creek.....	1,043	2,647	2,338	Georgetown township.....	599	915	1,025
Township 5, Plymouth.....	1,098	1,483	2,006	Greenwood township.....	449	459	411
				Kelsey township.....	226	275	378
<b>Batte County.</b>	<b>27,301</b>	<b>17,117</b>	<b>17,939</b>	Lake Valley township.....	169	215	265
Bellevue township.....	857	384	630	Mountain township.....	446	277	445
Chico township, including Chico city.....	11,775	4,729	5,598	Modesto township.....	840	1,212	1,230
Chico city <sup>33</sup> :	5,760	2,640	2,884	Placerville township, including Placerville city.....	2,715	2,645	2,583
Ward 1.....	803			Placerville city.....	1,974	1,748	1,869
Ward 2.....	530			Salman Falls township.....	215	436	361
Ward 3.....	793			White Oak township.....	397	405	698
Ward 4.....	289						
Ward 5.....	759						

<sup>1</sup> County totals include population (66,960 in 1900; 48,882 in 1890) of Oakland city, returned independently.  
<sup>2</sup> Parts annexed to Oakland and San Leandro cities in 1909.  
<sup>3</sup> Exclusive of population of Oakland city.  
<sup>4</sup> Parts of Brooklyn and Oakland townships annexed in 1909.  
<sup>5</sup> Part of Brooklyn township annexed in 1909.  
<sup>6</sup> Pleasanton township organized from part of Murray township in 1902.  
<sup>7</sup> Parts annexed to Berkeley city in 1906 and 1908 and part annexed to Oakland city in 1909.  
<sup>8</sup> Name changed from Ocean View in 1909. Incorporated in 1908.  
<sup>9</sup> Parts of Oakland township annexed in 1906 and 1908.  
<sup>10</sup> Incorporated in 1907.  
<sup>11</sup> County reorganized in 1900.  
<sup>12</sup> Incorporated in 1890.  
<sup>13</sup> Incorporated in 1903.

<sup>14</sup> Incorporated in 1900.  
<sup>15</sup> Returned as township 2 in 1900.  
<sup>16</sup> Returned as township 3 in 1900.  
<sup>17</sup> Returned as township 4 in 1900.  
<sup>18</sup> Returned as township 5 in 1900.  
<sup>19</sup> Returned as township 1 in 1900.  
<sup>20</sup> County total includes population (841) of Leesville township, annexed to Williams township since 1900.  
<sup>21</sup> No comparison of population can be made; county redistributed between 1890 and 1900.  
<sup>22</sup> Princeton township organized from part of Colusa township in 1902.  
<sup>23</sup> Leesville township annexed in 1901.  
<sup>24</sup> No comparison of population can be made; county redistributed in 1910.  
<sup>25</sup> Incorporated in 1900.  
<sup>26</sup> Incorporated as a city in 1908.

STATISTICS OF POPULATION.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. 1, Table 5.]							
MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
<b>Fresno County<sup>1</sup>.....</b>	<b>75,657</b>	<b>37,862</b>	<b>32,026</b>	<b>Imperial County—Continued.</b>			
Township 1.....	1,288	1,433	4,568	Holtville township, including Holtville city.....	2,073		
Township 2.....	4,799	2,936	2,939	Holtville city.....	719		
Township 3, including Fresno city.....	32,402	17,239	13,649	Imperial township, including Imperial city.....	2,369		
Fresno city <sup>2</sup> .....	27,892	15,470	10,818	Imperial city <sup>3</sup> .....	1,357		
Ward 1.....	3,675			Lama township.....	212		
Ward 2.....	5,619			Old Beach township.....	489		
Ward 3.....	5,178			Palo Verde township.....	63		
Ward 4.....	5,009			Pinecho township.....	396		
Ward 5.....	5,794			Silbee township.....	384		
Ward 6.....	2,635						
Ward 7.....	5,769						
Ward 8.....	4,141			<b>Layo County.....</b>	<b>6,974</b>	<b>4,377</b>	<b>3,544</b>
Township 4, including Fowler town.....	5,873	3,236	2,694	Township 1, including Bishop city.....	2,336	1,916	792
Fowler town.....	3,675			Bishop city <sup>4</sup> .....	1,799		
Township 5, including Selma town.....	4,843	2,863	2,373	Township 2.....	900	1,163	990
Selma town.....	1,968	1,169		Township 3.....	700	830	662
Township 6, including Coalinga city.....	7,851	811	834	Township 4.....	1,338	478	265
Coalinga city.....	4,199			Township 5.....	1,179		
Township 7.....	4,273	3,076	1,351				
Township 8.....	3,544	2,379	2,252	<b>Kern County.....</b>	<b>37,715</b>	<b>16,480</b>	<b>9,808</b>
Township 9, including Kingsburg city.....	2,396	1,339	1,265	Township 1 <sup>12</sup> .....	743	1,313	
Kingsburg city <sup>5</sup> .....	1,661	2,132		Township 2, including Tehachapi town.....	1,310	1,187	
Township 10.....	2,641			Tehachapi town.....	585		
Township 11.....	1,641			Township 3.....	2,736	2,383	
Township 12.....	1,600			Township 4.....	1,026	591	
Township 13.....	2,035			Township 5.....	1,097	1,940	
Township 14.....	1,493			Township 6, including Bakersfield city.....	10,451	5,995	
				Bakersfield city <sup>14</sup> .....	12,727	4,836	2,689
<b>Glenn County.....</b>	<b>7,172</b>	<b>5,150</b>		Precinct 1.....	1,647		
Township 1.....	653	610		Precinct 2.....	1,736		
Township 2, including Orland town.....	1,671	839		Precinct 3.....	838		
Orland town.....	339			Precinct 4.....	1,398		
Township 3.....	445	578		Precinct 5.....	639		
Township 4, including Willows town.....	2,984	1,622		Precinct 6.....	1,639		
Willows town.....	1,097	853	1,176	Precinct 7.....	645		
Township 5.....	743	555		Precinct 8.....	1,582		
Township 6.....	224	279		South precinct.....	1,051		
Township 7.....	546	667		Township 7.....	206	102	
				Township 8.....	263	269	
<b>Humboldt County.....</b>	<b>33,857</b>	<b>27,104</b>	<b>23,489</b>	Township 9.....	498	599	
Brielsand township <sup>16</sup> .....	308			Township 10.....	3,139	468	
Bucksport township.....	1,034	1,019	1,312	Township 11.....	2,099	1,623	
Eureka township, including Eureka city.....	15,763	8,594	7,011	Township 12 <sup>17</sup> .....	1,952	1,557	
Eureka city.....	11,415	7,587	4,858	Township 13.....	1,397		
Ward 1.....	1,795			Township 14.....	454		
Ward 2.....	1,834			Township 15.....	1,972		
Ward 3.....	5,788			Township 16 <sup>18</sup> .....	2,480		
Ward 4.....	1,914						
Ward 5.....	5,664			<b>Kings County.....</b>	<b>16,230</b>	<b>9,871</b>	
Hydesville township.....	3,006	1,825	1,511	Armona township <sup>19</sup> .....	2,177		
Klamath township.....	1,111	967	792	Corcoran township <sup>20</sup> .....	1,003		
Mad River township, including Blue Lake town.....	1,425	1,303		Lemoore township, <sup>21</sup> including Lemoore city.....	3,832	1,772	
Blue Lake town.....	507	673	529	Lemoore city <sup>22</sup> .....	1,000		
Mattola township.....	205	352	317	Lucerne township, <sup>23</sup> including Hanford city.....	9,198	7,947	
Oreana township.....	3,135	3,446	3,170	Hanford city.....	4,829	2,929	847
Pacific township, including Paradise town.....	998	842	768				
Paradise town.....	2,630	2,167	1,965	<b>Lake County.....</b>	<b>5,528</b>	<b>6,017</b>	<b>7,101</b>
Robnerville township, including Fortuna town.....	485	923	955	Township 1.....	889	1,136	1,443
Fortuna town.....	900	926	828	Township 2.....	820	1,075	1,421
South Fork township <sup>16</sup> .....	1,629	878	488	Township 3.....	1,137	1,354	1,496
Table Bluff township.....	3,473	2,952	2,984	Township 4, including Lakeport town.....	1,465	1,358	1,617
Tideflat township.....	1,121	669	397	Lakeport town.....	870	729	891
Union township, including Arcata town.....	497	487	450	Township 5.....	1,218	1,074	1,124
Arcata town.....	1,272	897					
Van Duzen township.....	920	1,112		<b>Lassen County.....</b>	<b>4,602</b>	<b>4,511</b>	<b>4,239</b>
Hoopa Valley Indian Reservation.....				Township 1, including Susanville town.....	982	1,089	1,110
				Susanville town <sup>24</sup> .....	638		
<b>Imperial County<sup>15</sup>.....</b>	<b>13,991</b>			Township 2.....	625	692	550
Brawley township, including Brawley city.....	2,218			Township 3.....	1,256	1,295	863
Brawley city <sup>17</sup> .....	881			Township 10.....	1,016	926	1,025
Calaver township, including Calexico city.....	1,837			Township 8.....	923	689	689
Calexico city.....	797						
El Centro township, including El Centro city.....	2,900						
El Centro city.....	1,827						
Hanlon township, including Yuma Indian Reservation.....	1,009						
Yuma Indian Reservation.....	276	377					

<sup>1</sup> Part of Fresno County annexed to Kings County in 1909.  
<sup>2</sup> County total includes population (398) of old township 11, annexed to township 13 since 1900.  
<sup>3</sup> Part taken to form town for township 11 in 1908 and part annexed to Fresno city in 1910.  
<sup>4</sup> Part of township 3 annexed in 1910.  
<sup>5</sup> Incorporated in 1908.  
<sup>6</sup> Part annexed to Kings County in 1909.  
<sup>7</sup> Incorporated in 1906.  
<sup>8</sup> Part taken to form township 14 in 1910 and part of township 12 in 1908.  
<sup>9</sup> Part taken to form part of township 12 in 1903.  
<sup>10</sup> Part taken to form township 13 in 1903.  
<sup>11</sup> Organized from part of township 9 in 1908.  
<sup>12</sup> Organized from parts of townships 7 and 8 in 1903.  
<sup>13</sup> Organized from part of township 9 in 1903 and old township 11 annexed in 1908; part annexed to Kings County in 1909.  
<sup>14</sup> Organized from part of township 7 in 1910.  
<sup>15</sup> Incorporated in 1909.  
<sup>16</sup> Brielsand township organized from part of South Fork township in 1902.  
<sup>17</sup> Incorporated in 1910.  
<sup>18</sup> Organized from part of San Diego County in 1907.

<sup>19</sup> Incorporated in 1904.  
<sup>20</sup> County total includes population (885) of old township 2, annexed to township 1 between 1890 and 1900.  
<sup>21</sup> Organized since 1900.  
<sup>22</sup> No comparison of population can be made; county redistricted between 1890 and 1900.  
<sup>23</sup> Township 14 organized from part of township 13 in 1901.  
<sup>24</sup> Part of township 3 (Kern city) annexed to Bakersfield city in 1909.  
<sup>25</sup> Part taken to form township 13 in 1901.  
<sup>26</sup> Township 15 organized from parts of townships 7 and 12 in 1902.  
<sup>27</sup> Organized from part of township 5 in 1901; part taken to form township 16 in 1910.  
<sup>28</sup> Organized from part of township 13 in 1910.  
<sup>29</sup> County total includes population (132) of West End township, annexed to Lemoore township since 1900.  
<sup>30</sup> Armona and Corcoran townships organized from parts of Lucerne township in 1903 and 1907, respectively.  
<sup>31</sup> West End township annexed in 1902 and territory taken from Fresno County annexed in 1909.  
<sup>32</sup> Incorporated in 1900.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. 1, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
<b>Los Angeles County.</b>				<b>Los Angeles County—Continued.</b>			
Antelope township.....	1,047	415		Rowland township, <sup>18</sup> including Covina city.....	3,476	2,051	736
Arroyo township, including Arroyo city.....	4,154	2,501	1,831	Covina city <sup>19</sup> .....	1,652		
Balboa township, including Inglewood and Ocean Park cities.....	7,249	3,080	4,492	San Antonio township, including Huntington Park, Vermeil, and Watts cities.....	13,773	2,169	3,209
Inglewood city <sup>20</sup> .....	1,536			Huntington Park city <sup>21</sup> .....	1,259		
Ocean Park city <sup>22</sup> .....	5,719			Vernon city <sup>22</sup> .....	775		
Precinct 1.....	680			Watts city <sup>23</sup> .....	1,785		
Precinct 2.....	1,047			San Fernando township <sup>24</sup> .....	2,134	1,326	1,110
Precinct 3.....	1,047			San Gabriel township, including Alhambra city.....	5,350	2,501	1,713
Belvedere township <sup>25</sup> .....	2,621			Alhambra city <sup>26</sup> .....	6,091		
Burbank township, including Glendale city and part of assembly district 67 of Los Angeles city.....	12,235	3,048	2,906	San Jose township, including Claremont, Lordsburg, and Fontana cities.....	14,719	7,696	5,016
Glendale city <sup>27</sup> .....	2,746			Claremont city.....	1,114		
Los Angeles city (part of) <sup>28</sup> .....	800			Lordsburg city <sup>29</sup> .....	961		
Total for Los Angeles city <sup>28</sup> in Burbank, Culverden, and Los Angeles townships.....	519,198	102,479	60,405	Pomona city.....	10,897	6,686	5,534
Assembly district 67.....	1,060			Word 1.....	1,768		
Assembly district 68.....	25,968			Word 2.....	1,671		
Assembly district 70.....	74,851			Word 3.....	2,000		
Assembly district 71.....	37,800			Word 4.....	2,211		
Assembly district 72.....	38,822			Word 5.....	2,655		
Assembly district 73.....	58,063			Santa Monica township, <sup>30</sup> coextensive with Santa Monica city.....	7,847	5,521	2,327
Assembly district 74.....	65,460			Santa Monica city.....	7,847	5,067	1,880
Assembly district 75.....	47,414			Word 1.....	1,158		
Cahuena township, <sup>31</sup> including part of assembly district 74 of Los Angeles city.....	7,432	1,586	1,725	Word 2.....	889		
Los Angeles city (part of) <sup>32</sup> .....	6,758			Word 3.....	767		
Calabasas township.....	488	487	440	Word 4.....	1,166		
Catalina township.....	670	487		Word 5.....	1,881		
Chatsworth Park township, <sup>33</sup> including Compton city.....	3,298	1,683	2,013	Word 6.....	1,587		
Compton city.....	892			Soledad township.....	1,887	984	2,711
Dowrey township, <sup>34</sup> including Compton city.....	3,277	1,458	3,558	South Pasadena township, coextensive with South Pasadena city.....	4,649	1,001	623
El Monte township, <sup>35</sup> including Monrovia city.....	4,648	3,016	2,537	Precinct 1.....	1,278		
Monrovia city.....	3,676	1,808	307	Precinct 2.....	1,912		
Precinct 1.....	1,551			Precinct 3.....	1,169		
Precinct 2.....	1,044			<b>Madera County.</b>			
Precinct 3.....	1,198				8,388	2,364	
Fairmont township.....	1,866	427	721	Township 2.....	479	777	
Gardena township.....	3,552			Township 3, <sup>36</sup> including Madera city.....	7,320	2,175	
Lankershim township.....	848			Madera city.....	2,404		
Lexington township, <sup>37</sup> including Long Beach city.....	1,866	3,385	1,051	Township 4.....	1,121	1,790	
Long Beach township, including Long Beach city.....	20,616	8,466	664	Township 5.....	1,204	1,944	
Word 1.....	4,964			<b>Marin County.</b>			
Word 2.....	2,538				25,114	16,702	13,072
Word 3.....	5,475			Bolinas township.....	548	340	366
Word 4.....	5,091			Nicasio township.....	479	600	538
Word 5.....	2,093			Novato township.....	911	834	534
Word 6.....	1,222			Punt Reyes township.....	465	816	770
Word 7.....	894			San Antonio township.....	310	339	337
Los Angeles township, <sup>38</sup> including assembly districts 69 to 73, and 75 and parts of assembly districts 67 and 74 of Los Angeles city.....	313,104	102,479	50,395	San Rafael township, including Larkspur, Ross, and San Anselmo towns, and San Rafael city.....	13,150	8,008	7,908
Los Angeles city (part of) <sup>39</sup> .....	315,833	102,479	50,396	Larkspur town.....	594		
Los Nietos township, including Whittier city.....	7,819	3,359	1,926	Ross town.....	556		
Whittier city.....	4,650	1,690	636	San Rafael city.....	1,691		
Precinct 1.....	1,007			San Anselmo town <sup>40</sup> .....	6,884		
Precinct 2.....	1,147			Precinct 1.....	1,383	3,879	5,200
Precinct 3.....	1,029			Precinct 2.....	1,340		
Precinct 4.....	6,282			Precinct 3.....	812		
Malibu township, <sup>41</sup> including Sawtelle city.....	2,145			Precinct 4.....	1,248		
Sawtelle city.....	830			Precinct 5.....	1,017		
Precinct 1.....	1,801			Sausalito township, including Belvedere, Mill Valley, and Sausalito towns.....	8,137	3,720	2,403
Precinct 2.....	69			Belvedere town.....	451	454	
Precinct 3.....	2,484			Mill Valley town <sup>42</sup> .....	2,661		
Norwalk township.....	36,195	12,772	7,222	Precinct 1.....	879		
Pasadena township, <sup>43</sup> including Arcadia, Pasadena, and Sierra Madre cities.....	30,391	9,117	4,833	Precinct 2.....	967		
Arcadia city <sup>44</sup> .....	6,258			Precinct 3.....	615		
Word 1.....	4,426			Sausalito town.....	2,815	1,625	1,581
Word 2.....	6,065			Tomasias township.....	1,084	1,145	1,096
Word 3.....	4,624			<b>Mariposa County.</b>			
Word 4.....	3,920				3,958	4,720	3,787
Word 5.....	3,586			Township 1, including Hornitos town.....	622	1,604	676
Sierra Madre city <sup>45</sup> .....	1,030			Hornitos town.....	169	205	278
Puente township, <sup>46</sup> including Hermosa Beach and Redondo Beach cities.....	5,916	942	668	Township 2.....	739	818	583
Hermosa Beach city <sup>47</sup> .....	678			Township 3.....	654	1,069	697
Redondo Beach city.....	2,968	866	608	Township 4.....	1,271	1,100	892

<sup>1</sup> County totals include population (2,983 in 1900, 2,360 in 1890) of Wilmington township, part taken to form part of Gardena township and part annexed to Los Angeles city and township since 1900.

<sup>2</sup> Part taken to form part of Gardena township in 1905 and part annexed to Los Angeles city and township in 1905.

<sup>3</sup> Incorporated in 1908.

<sup>4</sup> Incorporated in 1904.

<sup>5</sup> Belvedere township organized from part of San Gabriel township in 1907.

<sup>6</sup> Part annexed to Los Angeles city and township in 1910.

<sup>7</sup> Incorporated in 1905.

<sup>8</sup> Part of Balboa township annexed in 1906, part of Wilmington township (including San Pedro city) annexed in 1909, and parts of Burbank and Cahuena townships annexed in 1910.

<sup>9</sup> Chatsworth Park and Lankershim townships organized from parts of San Fernando township in 1902 and 1905, respectively.

<sup>10</sup> Part taken to form part of Gardena township in 1905.

<sup>11</sup> Norwalk township organized from part of Dowrey township in 1907.

<sup>12</sup> Lexington township organized from part of El Monte township in 1907.

<sup>13</sup> Organized from parts of Balboa, Compton, and Wilmington townships in 1905.

<sup>14</sup> Malibu township organized from part of Santa Monica township in 1909.

<sup>15</sup> Parts of Pasadena township annexed to Pasadena city in 1904 and 1906.

<sup>16</sup> Incorporated in 1903.

<sup>17</sup> Incorporated in 1907.

<sup>18</sup> Puente township organized from part of Rowland township in 1907.

<sup>19</sup> Incorporated in 1901.

<sup>20</sup> Incorporated in 1907.

<sup>21</sup> County total includes population (579) of township 1, annexed to township 3 since 1907.

<sup>22</sup> Township 1 annexed in 1906.

<sup>23</sup> Incorporated in 1900.

STATISTICS OF POPULATION.

TABLE I.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 3.]

MINOR CIVIL DIVISION.				MINOR CIVIL DIVISION.			
	1910	1900	1890		1910	1900	1890
<b>Mendocino County</b> .....				<b>Napa County</b> .....			
Anderson township.....	23,929	20,465	17,612	Hot Springs township, <sup>15</sup> including Callstoga town.....	19,800	16,451	16,411
Point Arena city <sup>1</sup> .....	1,166	1,069	1,091	Callstoga town.....	1,844	4,098	4,577
Big River township, including Point Arena city.....	1,753	1,853	2,230	Knos township.....	761	690	710
Point Arena city <sup>2</sup> .....	497	2,947	2,439	Napa township, including Napa city.....	12,047	8,332	8,788
Cuffey Cove township.....	2,947	3,932	1,048	Napa city.....	6,791	4,638	4,595
Little Lake township, including Willits town.....	882	1,100	1,345	Ward 1.....	1,245	788	.....
Willits town.....	2,194	721	816	Ward 2.....	1,453	.....	.....
Long Valley township.....	704	833	700	Ward 3.....	1,612	.....	.....
Potter Valley township, including Potter Valley town.....	694	752	538	Ward 4.....	.....	.....	.....
Potter Valley town.....	676	563	.....	Ward 5.....	.....	.....	.....
Round Valley township.....	918	938	975	St. Helena township, <sup>16</sup> including St. Helena town.....	3,057	1,633	1,706
Sacred township.....	752	957	.....	St. Helena town.....	1,603	2,982	2,827
Tennille River township, including Fort Bragg city.....	3,798	3,134	1,899	Yount township.....	2,792	.....	.....
Fort Bragg city.....	2,408	1,690	945				
Ward 1.....	1,108	.....	.....	<b>Nevada County</b> .....			
Ward 2.....	1,566	.....	.....	Bloomfield township.....	412	730	1,097
Ukiah township, <sup>17</sup> including Ukiah city.....	5,141	3,767	( <sup>3</sup> )	Bridgeport township.....	543	848	1,033
Ukiah city.....	2,196	1,850	1,067	Eureka township.....	283	375	440
Westport township.....	1,067	1,474	1,414	Grass Valley township, including Grass Valley city.....	6,251	7,043	6,798
Round Valley Indian Reservation.....	616	599	.....	Grass Valley city.....	4,580	4,719	.....
				Little York township.....	170	244	( <sup>18</sup> )
<b>Merced County</b> .....				<b>Orange County</b> .....			
Township 1.....	568	842	1,834	Anahem township, including Anahem town.....	4,051	2,301	2,917
Township 2, including Merced city.....	5,503	3,705	4,363	A Anaheim town.....	2,638	1,546	1,273
Merced city.....	5,109	1,969	2,009	Buena Park township.....	1,441	955	.....
Township 3, including Los Banos city.....	1,869	3,233	1,388	Fullerton township, including Fullerton city.....	1,718	1,718	.....
Los Banos city.....	745	.....	.....	Fullerton city.....	1,745	.....	.....
Township 4.....	669	656	.....	Huntington Beach township, <sup>19</sup> including Huntington Beach city.....	1,058	.....	.....
Township 5.....	2,838	779	.....	Huntington Beach city.....	430	.....	.....
Township 6.....	2,566	774	.....	Los Alamitos township.....	499	253	.....
Township 7.....	1,335	.....	.....	Orange township, including Orange city.....	2,890	3,282	2,721
				Orange city.....	2,989	1,616	860
				Ward 1.....	1,568	.....	.....
				Ward 2.....	668	.....	.....
				Ward 3.....	967	905	801
				Ward 4.....	.....	.....	.....
				Ward 5.....	.....	.....	.....
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				Ward 148.....	.....	.....	.....
				Ward 149.....	.....	.....	.....
				Ward 150.....	.....	.....	.....
				Ward 151.....	.....	.....	.....
				Ward 152.....	.....	.....	.....

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. 1, Table 3.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
<b>Plumas County</b>	<b>5,299</b>	<b>4,657</b>	<b>4,933</b>	<b>San Bernardino County—Continued.</b>			
Beckworth township.....	1,315	796	574	Chino township, including Chino city.....	2,832	1,607	.....
Goodwin township.....	384	259	453	Chino city.....	1,144	.....	.....
Indian township.....	1,233	1,290	1,238	Colton township, including Colton city.....	4,832	4,961	.....
Mineral township.....	437	411	496	Colton city.....	5,980	5,858	1,525
Plumas township.....	818	748	818	Oceanside township.....	2,840	1,192	.....
Quartz township.....	750	553	935	Dale township <sup>11</sup> .....	40	.....	.....
Seneca township.....	346	491	394	Hart township <sup>12</sup> .....	40	.....	.....
				Hesperia township.....	92	.....	.....
<b>Riverside County</b>	<b>34,898</b>	<b>17,897</b>		Highland township.....	3,820	1,996	.....
Beaumont township.....	1,113	346	.....	Kelo township <sup>13</sup> .....	136	.....	.....
Bergman township.....	326	170	.....	Ladlow township.....	255	.....	.....
Diannont township.....	380	385	.....	Mission township <sup>14</sup> .....	1,811	.....	.....
Elsinore township, including Elsinore city.....	900	646	.....	Needles township <sup>15</sup> .....	3,067	1,143	.....
Elsinore city.....	298	279	.....	Ontario township, including Ontario city.....	4,539	2,649	.....
Hemet township, including Hemet city.....	2,392	904	.....	Ontario city.....	4,274	728	688
Hemet city.....	502	.....	.....	Oro Grande township <sup>16</sup> .....	380	.....	.....
Highgrove township.....	1,157	925	.....	Redlands township, including Redlands city.....	11,448	5,663	.....
Indio township <sup>17</sup> .....	239	227	.....	Redlands city.....	10,449	4,797	1,904
Moreno township.....	323	644	.....	Precinct 1.....	1,694	.....	.....
Murrieta township.....	763	764	.....	Precinct 2.....	1,191	.....	.....
Palo Verde township.....	557	.....	.....	Precinct 3.....	1,042	.....	.....
Perria township.....	1,454	1,331	.....	Precinct 4.....	1,008	.....	.....
Riverside township, including Riverside city.....	12,718	5,153	.....	Precinct 5.....	1,300	.....	.....
Riverside city.....	10,512	4,973	4,583	Precinct 6.....	1,118	.....	.....
Ward 1.....	1,702	.....	.....	Precinct 7.....	757	.....	.....
Ward 2.....	2,697	.....	.....	Precinct 8.....	616	.....	.....
Ward 3.....	2,066	.....	.....	Precinct 9.....	1,084	.....	.....
Ward 4.....	2,062	.....	.....	Precinct 10.....	1,128	.....	.....
Ward 5.....	2,362	.....	.....	Rialto township.....	1,638	880	.....
San Geronimo township.....	1,387	336	.....	San Bernardino township, <sup>18</sup> including San Bernardino city.....	12,648	8,658	.....
San Jacinto township, including San Jacinto city.....	1,207	854	.....	San Bernardino city.....	12,779	6,160	4,011
San Jacinto city.....	298	655	661	Ward 1.....	1,496	.....	.....
Temecula township, including Corona city.....	4,274	1,949	.....	Ward 2.....	1,863	.....	.....
Corona city.....	5,440	1,454	.....	Ward 3.....	2,564	.....	.....
Thermal township <sup>19</sup> .....	632	.....	.....	Ward 4.....	2,572	.....	.....
West Riverside township <sup>20</sup> .....	702	.....	.....	Ward 5.....	1,335	.....	.....
				Ward 6.....	2,554	.....	.....
<b>Sacramento County</b>	<b>87,808</b>	<b>45,815</b>	<b>40,338</b>	Ward 7.....	4,584	.....	.....
Alabama township.....	398	412	414	Vanderbilt township <sup>21</sup> .....	149	229	.....
American township.....	169	159	648	Victor township <sup>22</sup> .....	680	645	.....
Brighton township.....	2,505	1,402	1,282	Yermo township <sup>23</sup> .....	176	.....	.....
Canter township.....	451	417	383				
Carson township.....	262	358	443	<b>San Diego County<sup>24</sup></b>	<b>61,685</b>	<b>39,090</b>	<b>34,987</b>
Dry Creek township.....	906	750	963	Alpine township.....	412	.....	.....
Franklin township.....	1,033	1,080	1,385	Bonall township.....	232	.....	.....
Georgiana township.....	1,675	2,607	1,311	Bonsall city.....	639	.....	.....
Granite township.....	2,505	1,940	1,970	Coronado township, including Coronado city.....	1,433	.....	.....
Green township.....	428	394	411	Coronado city.....	1,477	845	.....
Mississippi township.....	1,225	630	316	Dehesa township <sup>25</sup> .....	160	.....	.....
Naumoa township.....	208	200	318	Del Mar township.....	536	.....	.....
Riverside township.....	1,783	1,304	.....	El Cajon township <sup>26</sup> .....	1,070	.....	.....
Sacramento city.....	44,696	29,282	26,386	Encinitas township.....	555	.....	.....
Ward 1.....	2,239	.....	.....	Escondido township, including Escondido city.....	3,437	.....	.....
Ward 2.....	4,658	.....	.....	Escondido city.....	1,324	765	244
Ward 3.....	4,166	.....	.....	Fallbrook township.....	816	.....	.....
Ward 4.....	5,899	.....	.....	Jamul township.....	418	.....	.....
Ward 5.....	6,646	.....	.....	Julian township.....	698	.....	.....
Ward 6.....	4,644	.....	.....	Lakeside township <sup>27</sup> .....	728	.....	.....
Ward 7.....	6,444	.....	.....	Lemon Grove township.....	826	.....	.....
Ward 8.....	6,411	.....	.....	Mesa Grande township.....	485	.....	.....
San Joaquin township.....	2,276	1,259	1,383	Mission township.....	2,411	.....	.....
Setter township <sup>28</sup> .....	5,007	3,985	.....	National township, including National City.....	2,908	.....	.....
				National City.....	1,733	1,688	1,585
<b>San Benito County</b>	<b>8,041</b>	<b>6,633</b>	<b>6,412</b>	Otay township.....	1,296	.....	.....
Hollister township, including Hollister town.....	4,390	3,118	2,700	Pala township.....	354	.....	.....
Hollister town.....	2,303	1,515	1,534	Palmont township.....	134	.....	.....
Fanchoe township.....	635	491	.....	San Diego township, constituted with San Diego city.....	649	.....	.....
San Benito township.....	948	848	1,153	Diego city.....	39,578	17,700	.....
San Juan township, including San Juan town.....	1,395	1,308	1,112	Ward 1.....	35,378	17,700	16,150
San Juan town.....	379	419	463	Ward 2.....	8,850	.....	.....
Tree Pines township.....	795	858	1,471	Ward 3.....	4,947	.....	.....
				Ward 4.....	2,554	.....	.....
<b>San Bernardino County</b>	<b>58,706</b>	<b>27,929</b>	<b>23,497</b>	Ward 5.....	4,428	.....	.....
Barstow township <sup>29</sup> .....	1,066	.....	.....	Ward 6.....	3,110	.....	.....
Belleville township <sup>30</sup> .....	374	.....	.....	Ward 7.....	5,275	.....	.....
Calzona township <sup>31</sup> .....	97	.....	.....	Ward 8.....	4,687	.....	.....
				Ward 9.....	4,154	.....	.....
				San Luis Rey township, including Oceanside city.....	1,450	.....	.....
				Valley Center township.....	277	230	.....

<sup>1</sup> County total includes population (203) of Mission Indian Reservation, returned independently in 1900.

<sup>2</sup> Returned as Winchester in 1900.

<sup>3</sup> Incorporated in 1910.

<sup>4</sup> Name changed from Union in 1910. Part taken to form West Riverside township in 1902.

<sup>5</sup> Palo Verde and Thermal townships organized from parts of Indio township in 1905 and 1908, respectively.

<sup>6</sup> Returned as Geronimo in 1900.

<sup>7</sup> Organized from part of Highgrove township in 1902.

<sup>8</sup> Riverside township organized from parts of Sutter's township in 1909.

<sup>9</sup> Exact comparison of population for 1890 can be made; information as to changes in minor civil divisions incomplete.

<sup>10</sup> Barstow, Ladlow, Silver Lake, and Yermo townships organized from parts of Belleville township in 1900, 1902, 1907, and 1908, respectively.

<sup>11</sup> Calzona township organized from parts of Dale and Needles townships in 1909.

<sup>12</sup> Hart and Kelo townships organized from parts of Vanderbilt township in 1908.

<sup>13</sup> Mission township organized from part of San Bernardino township in 1903.

<sup>14</sup> Part taken to form Pland township in 1906 and part annexed to Ontario city in 1901.

<sup>15</sup> Part of Ontario township annexed in 1901.

<sup>16</sup> Oro Grande township organized from part of Victor township in 1908.

<sup>17</sup> Organized from part of Ontario township in 1906.

<sup>18</sup> Incorporated in 1906.

<sup>19</sup> Part taken to form Imperial County in 1907.

<sup>20</sup> Exact comparison of population can be made; county redistricted in 1907.

<sup>21</sup> Lakeside township organized from part of El Cajon township in 1910.

STATISTICS OF POPULATION.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
<b>San Francisco County.</b>	<b>416,912</b>	<b>342,782</b>	<b>298,997</b>	<b>Santa Barbara County—Continued.</b>			
San Francisco city, coextensive with San Francisco County	416,912	342,782	298,997	Township 4	1,388	1,725	1,045
San Francisco city:				Township 5	2,428	2,528	2,528
Assembly district 28	11,373	6,837	.....	Lompoc town	1,482	272	1,016
Assembly district 29	18,787	.....	.....	Township 6	1,164	683	680
Assembly district 30	7,558	.....	.....	Township 7	3,270	2,031	1,880
Assembly district 31	18,787	.....	.....	Santa Maria city	2,890	.....	.....
Assembly district 32	44,688	.....	.....	Ward 1	750	.....	.....
Assembly district 33	36,970	.....	.....	Ward 2	661	.....	.....
Assembly district 34	29,388	.....	.....	Ward 3	1,068	.....	.....
Assembly district 35	18,841	.....	.....	Township 8	830	576	775
Assembly district 36	36,290	.....	.....	Township 9	805	764	.....
Assembly district 37	27,246	.....	.....	Township 10	1,055	.....	.....
Assembly district 38	51,664	.....	.....	<b>Santa Clara County.</b>	<b>33,339</b>	<b>60,516</b>	<b>46,005</b>
Assembly district 39	33,075	.....	.....	Almaden township	755	1,599	1,352
Assembly district 40	80,372	.....	.....	Alviso township, coextensive with Alviso town	402	529	967
Assembly district 41	8,810	.....	.....	Aliso town	2,078	.....	.....
Assembly district 42	9,370	.....	.....	Burnett township, including Morgan Hill town	2,299	1,207	659
Assembly district 43	9,810	.....	.....	Morgan Hill town	607	.....	.....
Assembly district 44	22,200	.....	.....	Campbell township	1,922	.....	.....
Assembly district 45	.....	.....	.....	Fremont township, including Mountain View town	3,207	2,402	1,536
<b>San Joaquin County.</b>	<b>50,731</b>	<b>55,452</b>	<b>28,628</b>	Gilroy township, including Gilroy city	1,151	.....	.....
Castoria township	2,048	1,457	1,320	Gilroy city	2,437	1,630	1,694
Dent township	1,985	1,240	1,011	Ward 5	1,108	.....	.....
Douglas township	1,405	1,345	1,306	Mayfield township, including Mayfield town	2,224	1,279	1,100
Elkhorn township, including Lodi city	5,983	2,427	2,267	Milpitas township	1,014	1,223	1,150
Lodi city	1,297	.....	.....	Palo Alto township, coextensive with Palo Alto city	4,486	1,658	.....
Elliott township	1,565	1,576	1,705	Redwood township, including Los Gatos town	4,299	3,510	2,978
Liberty township	2,624	577	650	Los Gatos town	2,218	1,916	1,568
O'Neal township	9,116	4,856	3,287	San Jose township, including East San Jose town and San Jose city	43,767	31,987	26,508
Stockton township, coextensive with Stockton city	23,223	17,500	14,224	East San Jose town	1,681	.....	.....
Stockton city:				San Jose city	41,086	29,500	24,960
Ward 5	6,550	.....	.....	Ward 1	5,701	.....	.....
Ward 6	6,053	.....	.....	Ward 2	8,401	.....	.....
Ward 7	4,284	.....	.....	Ward 3	2,287	.....	.....
Ward 8	2,265	2,797	1,401	Ward 4	7,817	.....	.....
Tulare township	3,321	1,641	972	<b>Santa Clara township,<sup>10</sup> including Santa Clara town</b>	<b>9,759</b>	<b>9,240</b>	<b>5,577</b>
Union township	849	.....	.....	Santa Clara town	4,348	5,660	7,291
<b>San Luis Obispo County.</b>	<b>19,383</b>	<b>16,637</b>	<b>16,072</b>	Sunnyvale township	1,756	1,396	1,330
Arroyo Grande township	3,646	3,319	3,434	Sunnyvale town	1,569	.....	.....
Cholama township	419	644	806	<b>Santa Cruz County.</b>	<b>28,140</b>	<b>21,812</b>	<b>19,270</b>
Corro township	1,295	926	1,811	Aptos township <sup>11</sup>	961	.....	.....
Nipomo township	1,348	944	.....	Boulder Creek township, including Boulder Creek town	1,015	2,619	2,607
Paso Robles township, <sup>12</sup> including Paso Robles city	2,382	2,411	1,534	Boulder Creek town	244	.....	.....
Paso Robles city	1,441	1,254	857	Felton township <sup>13</sup>	1,104	.....	.....
Pono township	354	512	810	Branciforte township, including ward 7 and part of ward 6 of Santa Cruz city	4,084	2,618	2,438
Salinas township	877	943	1,728	Santa Cruz city (part of)	2,786	.....	.....
San Luis Obispo township, including San Luis Obispo city	5,826	3,216	3,359	Total for Santa Cruz city in Branciforte and Santa Cruz townships	11,118	5,659	6,696
San Luis Obispo city	4,157	2,611	2,955	Ward 1	1,514	.....	.....
San Miguel township	830	1,022	1,063	Ward 2	1,136	.....	.....
San Simon township	1,028	1,036	931	Ward 3	2,009	.....	.....
Santa Margarita township	918	896	.....	Ward 4	1,940	.....	.....
<b>San Mateo County.</b>	<b>26,585</b>	<b>12,094</b>	<b>10,087</b>	Ward 5	1,038	.....	.....
Township 1, including South San Francisco city	9,173	2,452	1,828	Ward 6	1,607	.....	.....
South San Francisco city	1,089	.....	.....	Ward 7	1,652	.....	.....
Township 2, including Burlingame town and San Mateo city	8,559	3,298	2,005	Santa Cruz township, including wards 1 to 5, and parts of Santa Cruz city	9,457	2,571	2,730
Burlingame town	1,565	.....	.....	Santa Cruz city (part of)	8,491	2,987	2,982
San Mateo city	6,994	1,838	1,167	Watsonville township, including Watsonville city	7,758	7,053	4,821
Redwood city	5,814	2,493	3,744	Ward 1	4,416	5,528	5,749
Township 3, including Redwood city	2,428	1,633	1,672	Ward 2	1,318	.....	.....
Township 4	1,923	1,383	1,495	Ward 3	918	.....	.....
Township 5	1,016	1,008	1,015	Ward 4	1,008	.....	.....
<b>Santa Barbara County.</b>	<b>27,738</b>	<b>18,934</b>	<b>15,754</b>	<b>Shasta County.</b>	<b>18,920</b>	<b>17,318</b>	<b>12,133</b>
Township 1	2,477	2,171	1,683	Township 1, Shasta	539	1,191	.....
Township 2, coextensive with Santa Barbara city	11,659	6,587	5,864	Township 2, Redding, including Redding city	5,372	5,301	.....
Santa Barbara city:				Redding city	5,578	2,848	1,881
Ward 1	1,653	.....	.....	Township 3, Keswick, including Coram town	1,437	2,221	.....
Ward 2	1,746	.....	.....	Coram town	1,090	.....	.....
Ward 3	870	.....	.....	Township 4, Igo	710	918	.....
Ward 4	1,371	.....	.....				
Ward 5	1,584	.....	.....				
Ward 6	1,619	.....	.....				
Ward 7	2,846	.....	.....				
Township 3	1,895	2,100	1,547				

<sup>1</sup> Parts of Dent township annexed to Castoria and Douglas townships in 1907.

<sup>2</sup> Incorporated in 1905.

<sup>3</sup> Part of Tulare township annexed to O'Neal township in 1904.

<sup>4</sup> Name changed from Hot Springs in 1902.

<sup>5</sup> Name changed from San Jose in 1902.

<sup>6</sup> Incorporated in 1905.

<sup>7</sup> Township 10 organized from part of township 7 in 1900.

<sup>8</sup> Incorporated in 1905.

<sup>9</sup> Part of Alviso township annexed to Milpitas township in 1905.

<sup>10</sup> Part of Alviso township organized from part of Santa Clara township in 1900.

<sup>11</sup> Sunnyvale township organized from part of Fremont township in 1900.

<sup>12</sup> Incorporated in 1902.

<sup>10</sup> Incorporated in 1903.

<sup>11</sup> Incorporated as a city in 1909.

<sup>12</sup> County totals include population (5,659 in 1900; 5,696 in 1890) of Santa Cruz city, returned independently.

<sup>13</sup> Aptos and Soquel townships returned as Soquel township in 1900.

<sup>14</sup> Boulder Creek and Felton townships returned as San Lorenzo township in 1900.

<sup>15</sup> Exclusive of population of Santa Cruz city.

<sup>16</sup> Returned as Paljar in 1900.

<sup>17</sup> No comparison of population can be made; county redistricted between 1890 and 1900.

<sup>18</sup> Incorporated in 1910.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. 1, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890	
<b>Shasta County—Continued.</b>				<b>Sonoma County</b>				
Township 5, Harrison Gulch.....	333	570	.....	Analay township, including Sebastopol town.....	48,394	38,480	32,721	
Township 5, Anderson.....	1,801	1,610	.....	Sebastopol town <sup>13</sup> .....	5,681	3,826	2,709	
Township 7, Round Mountain.....	762	1,107	.....	Cloverdale town <sup>14</sup> .....	1,833	.....	.....	
Township 8, Millville.....	789	755	.....	Ward 5.....	696	.....	.....	
Township 9, Round Mountain.....	815	864	.....	Bodega township.....	1,553	1,499	1,588	
Township 10, Elmer Valley.....	466	736	.....	Cloverdale township, including Cloverdale town.....	1,733	1,661	1,584	
Township 11, Fall River.....	831	904	.....	Cloverdale town.....	528	760	753	
Township 12, Buckeye.....	1,479	1,582	.....	Glen Ellen township <sup>15</sup> .....	1,775	.....	.....	
Township 13, Sacramento River.....	1,078	1,075	.....	K nights Valley township.....	1,028	.....	.....	
Township 14, French Gulch.....	735	414	.....	Mendocino township, including Healdsburg city.....	4,768	4,313	3,469	
Township 15, Delta.....	2,786	.....	.....	Healdsburg city.....	5,011	5,263	5,488	
<b>Sierra County</b>				<b>Ocean township, including Petaluma city.....</b>				
Butte township <sup>1</sup> .....	4,098	4,017	4,051	Petaluma township, including Petaluma city.....	6,860	5,871	5,698	
Downville township <sup>2</sup> .....	385	1,296	1,973	Petaluma city.....	697	.....	.....	
Forest township <sup>3</sup> .....	751	.....	.....	Precinct 1.....	789	.....	.....	
Sierra No. 1 township <sup>4</sup> .....	585	712	664	Precinct 2.....	1,500	.....	.....	
Sierra No. 2 township, including Loyaltown town.....	1,261	.....	.....	Precinct 3.....	288	.....	.....	
Population town.....	493	.....	.....	Precinct 4.....	501	.....	.....	
Table Rock township <sup>5</sup> .....	361	199	289	Precinct 5.....	688	.....	.....	
<b>Siskiyou County</b>				<b>Redwood township.....</b>				
Butte township, including Sison town.....	1,188	1,539	1,304	Redwood township.....	950	1,357	1,373	
Sison town <sup>6</sup> .....	639	.....	.....	1699.....	1,699	1,625	1,219	
Ward 1.....	725	.....	.....	Salt Point township.....	865	899	952	
Ward 2.....	161	.....	.....	Santa Rosa township, including Santa Rosa city.....	13,600	10,983	8,620	
Callahan township.....	510	567	448	Santa Rosa city.....	7,817	6,673	4,290	
Edgewood township.....	2,267	1,386	710	Ward 1.....	1,816	.....	.....	
Etna township, including Etna town.....	1,009	1,009	782	Ward 2.....	1,197	.....	.....	
Erna town.....	618	500	371	Ward 3.....	897	.....	.....	
Greenview township.....	2,207	1,286	710	Ward 4.....	718	.....	.....	
Happy Camp township.....	377	453	403	Ward 5.....	1,178	.....	.....	
Lake township, including Dorris town.....	2,131	707	722	<b>Sonoma township,<sup>16</sup> including Sonoma town.....</b>				
Lorris town <sup>7</sup> .....	411	.....	.....	Sonoma town.....	2,705	3,172	2,593	
Liberty township <sup>8</sup> .....	708	1,036	798	Washington township.....	2,071	1,671	1,347	
Mott township, including Dunsmuir town.....	2,071	1,254	1,173	Washington township.....	1,149	783	641	
Dunsmuir town <sup>9</sup> .....	1,714	.....	.....	<b>Stanislaus County</b>				
Mountain township.....	957	1,360	1,162	La Grange township.....	852	886	2,644	
Oak Bar township.....	278	553	.....	Modesto township, including Modesto city.....	7,258	2,969	2,432	
Scott River township.....	368	369	613	Modesto city.....	4,074	5,024	4,408	
Scott Valley township, <sup>10</sup> including Port Jones town.....	718	1,809	1,128	Newman township, including Newman town.....	2,888	1,760	1,568	
Port Jones town.....	398	556	299	Newman town <sup>11</sup> .....	898	.....	.....	
Some Bar township <sup>11</sup> .....	248	.....	.....	Oakdale township, including Oakdale city.....	2,485	2,531	2,406	
Squaw Valley township.....	2,061	1,101	70	Oakdale city <sup>12</sup> .....	1,058	.....	.....	
Table Rock township, including Montague town.....	651	1,183	1,231	Turlock township, including Turlock city.....	9,189	946	.....	
Montague town <sup>14</sup> .....	371	.....	.....	Turlock city.....	1,473	.....	.....	
Yreka township, including Yreka town.....	2,556	2,235	1,719	Waterford township.....	1,183	738	.....	
Yreka town.....	1,154	1,284	1,100	<b>Sutter County</b>				
Ward 1.....	629	.....	.....	Butte township.....	883	1,001	977	
Ward 2.....	606	.....	.....	Nicasius township.....	905	921	1,006	
<b>Solano County</b>				<b>Sutter township.....</b>				
Benicia township, including Benicia city.....	27,559	24,143	20,946	Sutter township.....	1,501	1,371	1,342	
Benicia city.....	7,379	3,174	2,961	Vernon township.....	1,192	1,108	983	
Denver township.....	260	280	321	Yuba township, including Yuba City town.....	1,847	1,888	1,071	
Elmira township.....	969	717	869	Yuba City town <sup>17</sup> .....	1,160	.....	.....	
Green Valley township.....	960	757	774	<b>Tehama County</b>				
Main Prairie township.....	205	282	374	Corning township, including Corning city.....	2,555	2,269	1,280	
Montezuma township.....	481	429	484	Corning city.....	878	479	1,119	
Rio Vista township, including Rio Vista town.....	1,628	1,500	1,236	Faekents township.....	517	836	813	
Rio Vista town.....	831	682	728	Red Bluff township, including Red Bluff city.....	5,210	4,553	4,285	
Silverville township, including Fairfield and Sulman City towns.....	1,853	1,566	1,869	Red Bluff city.....	8,740	.....	.....	
Fairfield town.....	887	783	1,088	Ward 1.....	1,169	.....	.....	
Sulman City town.....	417	.....	.....	Ward 2.....	728	.....	.....	
Fairfield town <sup>16</sup> .....	3,423	2,188	2,140	Ward 3.....	777	.....	.....	
Suisun City town.....	621	686	469	Ward 4.....	1,126	1,120	820	
Tremont township.....	373	403	440	Ward 5.....	851	1,292	864	
Vacaville township, including Vacaville town.....	3,005	4,168	2,712	Tehama town <sup>18</sup> .....	201	.....	.....	
Vacaville town.....	1,177	1,269	725	Vina township.....	783	747	1,226	
Vallejo township, including Vallejo city.....	12,138	8,697	6,890	<b>Township 15 organized from part of township 13 in 1890.</b>				
Vallejo city.....	11,349	7,966	6,545	<sup>1</sup> County totals include population (221 in 1900; 177,180) of Gibson township and township (327 in 1900; 469 in 1890) of Sears township, annexed to Table Rock township; population (215 in 1900; 349 in 1890) of Lincoln township, part taken to form part of Downville township and part annexed to Forest township; population (117 in 1900; 168 in 1890) of Onedia township, taken to form part of Sierra No. 2 township; and population (930 in 1900; 962 in 1890) of Sierra township, taken to form Sierra No. 1 township and part of Sierra No. 2 township, since 1900.	<b>Township 16 organized from parts of Butte, Forest, and Lincoln townships in 1901.</b>			
Ward 1.....	4,854	.....	.....	<sup>2</sup> Part taken to form part of Downville township in 1901.	<b>Township 17 organized from parts of Downville township in 1901; part of Lincoln township annexed in 1901.</b>			
Ward 2.....	693	.....	.....	<sup>3</sup> Organized from part of Sierra township in 1901.	<b>Township 18 incorporated in 1901.</b>			
<b>Township 15 organized from part of township 13 in 1890.</b>				<b>Township 19 incorporated in 1901.</b>				
<sup>1</sup> County totals include population (221 in 1900; 177,180) of Gibson township and township (327 in 1900; 469 in 1890) of Sears township, annexed to Table Rock township; population (215 in 1900; 349 in 1890) of Lincoln township, part taken to form part of Downville township and part annexed to Forest township; population (117 in 1900; 168 in 1890) of Onedia township, taken to form part of Sierra No. 2 township; and population (930 in 1900; 962 in 1890) of Sierra township, taken to form Sierra No. 1 township and part of Sierra No. 2 township, since 1900.	<b>Township 16 organized from parts of Butte, Forest, and Lincoln townships in 1901.</b>				<b>Township 20 incorporated in 1901.</b>			
<sup>2</sup> Part taken to form part of Downville township in 1901.	<b>Township 17 organized from parts of Downville township in 1901; part of Lincoln township annexed in 1901.</b>				<b>Township 21 incorporated in 1901.</b>			
<sup>3</sup> Organized from part of Sierra township in 1901.	<b>Township 18 incorporated in 1901.</b>				<b>Township 22 incorporated in 1901.</b>			
<sup>4</sup> Part taken to form part of Downville township in 1901; part of Lincoln township annexed in 1901.	<b>Township 19 incorporated in 1901.</b>				<b>Township 23 incorporated in 1901.</b>			
<sup>5</sup> Organized from part of Sierra township in 1901.	<b>Township 20 incorporated in 1901.</b>				<b>Township 24 incorporated in 1901.</b>			
<sup>6</sup> Incorporated in 1901.	<b>Township 21 incorporated in 1901.</b>				<b>Township 25 incorporated in 1901.</b>			
<sup>7</sup> Greenview township organized from part of Scott Valley township in 1901.	<b>Township 22 incorporated in 1901.</b>				<b>Township 26 incorporated in 1901.</b>			
<sup>8</sup> Incorporated in 1908.	<b>Township 23 incorporated in 1901.</b>				<b>Township 27 incorporated in 1901.</b>			
<sup>9</sup> Some Bar township organized from part of Liberty township in 1909.	<b>Township 24 incorporated in 1901.</b>				<b>Township 28 incorporated in 1901.</b>			
<sup>10</sup> Incorporated in 1909.	<b>Township 25 incorporated in 1901.</b>				<b>Township 29 incorporated in 1901.</b>			
<sup>11</sup> Incorporated in 1902.	<b>Township 26 incorporated in 1901.</b>				<b>Township 30 incorporated in 1901.</b>			
<sup>12</sup> Glen Ellen township organized from part of Sonoma township in 1901.	<b>Township 27 incorporated in 1901.</b>				<b>Township 31 incorporated in 1901.</b>			
<sup>13</sup> Incorporated in 1909.	<b>Township 28 incorporated in 1901.</b>				<b>Township 32 incorporated in 1901.</b>			
<sup>14</sup> Incorporated in 1907.	<b>Township 29 incorporated in 1901.</b>				<b>Township 33 incorporated in 1901.</b>			

STATISTICS OF POPULATION.

TABLE I.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
<b>Trinity County.</b>	<b>3,301</b>	<b>4,383</b>	<b>3,718</b>	<b>Ventura County.</b>	<b>18,347</b>	<b>14,367</b>	<b>10,071</b>
Hay Fork township <sup>1</sup> .....	689	490	467	Fillmore township.....	2,138	.....	.....
Junction City township <sup>2</sup> .....	606	379	403	Ojai township.....	1,100	.....	.....
Mad River township <sup>3</sup> .....	422	319	293	Ornard township, including Ornard city.....	5,962	.....	.....
Trinity Center township <sup>4</sup> .....	910	718	318	Ornard city <sup>5</sup> .....	2,668	.....	.....
Wauveville township.....	674	908	708	Santa Paula township, including Santa Paula city.....	3,347	.....	.....
				Santa Paula city <sup>6</sup> .....	2,218	.....	.....
<b>Tulare County.</b>	<b>35,440</b>	<b>18,375</b>	<b>124,574</b>	Sinal township.....	748	.....	.....
Allia township.....	747	481	.....	Ventura township, including Ventura city.....	5,032	.....	.....
Alpough township <sup>7</sup> .....	353	.....	.....	Ventura city.....	2,848	2,470	2,880
Angiola township.....	377	110	.....	Precinct 1.....	285	.....	.....
Ducor township <sup>8</sup> .....	508	.....	.....	Precinct 2.....	890	.....	.....
Exeter township.....	307	1,027	.....	Precinct 3.....	1,158	.....	.....
Farmersville township.....	1,050	( <sup>9</sup> )	.....				
Kaweah township, including Dinuba town.....	4,667	1,915	4,068	<b>Yolo County.</b>	<b>13,928</b>	<b>13,613</b>	<b>12,684</b>
Lincoln town <sup>10</sup> .....	670	.....	.....	Becks township.....	821	574	.....
Lemon Cove township <sup>11</sup> .....	949	.....	.....	Cacherville township.....	636	614	856
Lindsay township, including Lindsay town.....	2,981	422	.....	Capay township <sup>12</sup> .....	855	806	898
Lindsay town <sup>13</sup> .....	1,814	1,457	.....	Clarksburg township.....	885	738	863
Oro township.....	2,246	.....	.....	Cottonwood township.....	928	750	.....
Plano township, including Tule River Indian Reservation.....	1,638	991	.....	Dunnigan township <sup>14</sup> .....	333	.....	.....
Tule River Indian Reservation.....	148	148	.....	Grafton township.....	770	621	1,034
Porterville township, coextensive with Porterville city.....	2,696	.....	.....	Guinda township.....	775	545	.....
Porterville city, <sup>15</sup>				Putah township.....	1,047	1,042	978
Ward 1.....	606	.....	.....	Washington township.....	1,785	1,398	1,247
Ward 2.....	614	.....	.....	Winters township, including Winters town.....	1,329	1,537	1,158
Ward 3.....	648	.....	.....	Winters town.....	919	785	.....
Ward 4.....	489	.....	.....	Woodland township, including Woodland city.....	4,584	4,392	4,523
Ward 5.....	460	.....	.....	Woodland city.....	5,187	4,868	5,069
Ward 6.....	617	.....	.....	Ward 1.....	1,686	.....	.....
Ward 7.....	487	341	4,646	Ward 2.....	1,901	.....	.....
Ward 8.....	819	3,441	2,697				
Ward 9.....	2,768	2,101	5,503	<b>Yuba County.</b>	<b>10,042</b>	<b>8,620</b>	<b>9,630</b>
Ward 10.....	7,655	4,948	4,203	East Bear River township, including Wheatland town.....	936	918	1,029
Ward 11.....	4,659	5,985	2,885	Wheatland town.....	481	498	630
Ward 12.....	775	.....	.....	Festers Bar township.....	381	528	480
Ward 13.....	600	.....	.....	Linda township.....	608	352	295
Ward 14.....	459	.....	.....	Long Bar township.....	416	474	489
Ward 15.....	948	.....	.....	Marysville township, including Marysville city.....	5,528	3,991	4,535
Ward 16.....	1,978	.....	.....	Marysville city.....	5,430	5,497	5,991
Ward 17.....	302	389	339	Ward 1.....	1,391	.....	.....
Ward 18.....	565	.....	.....	Ward 2.....	981	.....	.....
				Ward 3.....	1,641	.....	.....
<b>Tulame County.</b>	<b>9,878</b>	<b>11,166</b>	<b>6,082</b>	Ward 4.....	1,767	.....	.....
Township 1 <sup>16</sup> , including Sonora city.....	2,748	2,123	3,024	New York township.....	378	630	970
Sonora city.....	2,029	1,928	1,441	Northeast township.....	100	150	266
Township 2 <sup>17</sup> .....	1,276	1,137	1,034	Parks Bar township.....	264	260	243
Township 3 <sup>18</sup> .....	791	1,201	837	Rose Bar township.....	321	467	728
Township 4 <sup>19</sup> .....	2,236	1,589	1,187	Slate Range township.....	333	600	455
Township 5 <sup>20</sup> .....	3,618	3,157	.....	West Bear River township.....	291	252	302

<sup>1</sup> County totals include population (169 in 1900; 58 in 1890) of Canyon Creek township and population (22 in 1900; 507 in 1890) of New River and North Fork townships, annexed to Junction City township; population (578 in 1900; 566 in 1890) of Lewiston township and population (110 in 1900; 81 in 1890) of Minersville township, annexed to Trinity Center township; and population (248 in 1900; 290 in 1890) of Douglas City township, annexed to Hay Fork township, since 1900.  
<sup>2</sup> Douglas City township annexed in 1904.  
<sup>3</sup> Canyon Creek, New River, and North Fork townships annexed in 1904.  
<sup>4</sup> Name changed from Long Ridge in 1904.  
<sup>5</sup> Lewiston and Minersville townships annexed in 1904.  
<sup>6</sup> County total includes population (148) of Tule River Indian Reservation, returned independently in 1900.  
<sup>7</sup> County total includes population (5,525) of Mussel Slough township, taken to form Kings County between 1890 and 1900.  
<sup>8</sup> Organized from part of Tipton township in 1907.  
<sup>9</sup> Ducor, Porterville, and Springville townships organized from parts of Tule River township in 1909, 1904, and 1901, respectively.  
<sup>10</sup> Not returned separately in 1900.

<sup>11</sup> Incorporated in 1902.  
<sup>12</sup> Organized from part of Visalia township in 1906.  
<sup>13</sup> Incorporated in 1910.  
<sup>14</sup> Tipton and Woodville townships returned as Tipton township in 1900. Part taken to form Alpough township in 1907.  
<sup>15</sup> Returned with Tipton township in 1900.  
<sup>16</sup> County total includes population (1,959) of township 6, annexed to township 4 since 1900.  
<sup>17</sup> Part annexed to township 2 in 1902.  
<sup>18</sup> Parts of townships 1 and 4 annexed in 1902.  
<sup>19</sup> Part annexed to township 2 in 1902; township 6 annexed in 1902.  
<sup>20</sup> No comparison of population can be made; county redistributed in 1906 and 1910.  
<sup>21</sup> Incorporated in 1903.  
<sup>22</sup> County total includes population (671 in 1900; 770 in 1890) of Fairview township, part taken to form Dunnigan township and part annexed to Capay township since 1900.  
<sup>23</sup> Part of Fairview township annexed in 1904.  
<sup>24</sup> Organized from part of Fairview township in 1904.

TABLE 2.—POPULATION OF INCORPORATED PLACES: 1910, 1900, AND 1890.

CITY OR TOWN.	County.	1910	1900	1890	CITY OR TOWN.	County.	1910	1900	1890
Alameda city.....	Alameda.....	23,383	16,464	11,165	Lincoln town.....	Placer.....	1,402	1,061	961
Albany city.....	Alameda.....	808	.....	.....	Lindsay town.....	Tulare.....	1,814	.....	.....
Alhambra city.....	Los Angeles.....	5,214	.....	.....	Livermore town.....	Alameda.....	2,045	1,468	1,361
Alturas town.....	Modoc.....	916	.....	.....	Lodi city.....	San Joaquin.....	2,697	.....	.....
Alviso town.....	Santa Clara.....	402	.....	.....	Lompoc town.....	Santa Barbara.....	1,482	972	1,015
Arachun town.....	Orange.....	2,428	1,456	1,273	Long Beach city.....	Los Angeles.....	17,869	9,228	564
Ardenoch town.....	Contra Costa.....	1,124	674	635	Lordsburg city.....	Los Angeles.....	954	.....	.....
Arcadia city.....	Los Angeles.....	6,696	.....	.....	Los Angeles city.....	Los Angeles.....	319,139	102,479	50,365
Arcauta town.....	Humboldt.....	1,121	952	962	Los Banos city.....	Merced.....	745	.....	.....
Arroyo city.....	Los Angeles.....	2,376	2,650	1,595	Los Gatos town.....	Santa Clara.....	1,064	1,511	1,651
Azusa city.....	Los Angeles.....	1,477	803	.....	Loyalton town.....	Sierra.....	983	.....	.....
Bakersfield city.....	Kern.....	12,727	4,836	2,626	Madera city.....	Madera.....	2,404	.....	.....
Belvedere town.....	Marin.....	481	434	.....	Martinez town.....	Contra Costa.....	2,115	1,380	1,600
Benicia city.....	Solano.....	2,360	2,711	2,361	Marysville city.....	Yuba.....	5,430	3,497	3,991
Berkeley city.....	Alameda.....	40,453	13,214	5,101	Merced city.....	Merced.....	3,102	1,969	2,000
Biggs city.....	Butte.....	403	.....	.....	Mill Valley town.....	Marin.....	2,551	.....	.....
Bishop city.....	Inyo.....	1,190	.....	.....	Modesto city.....	Stanislaus.....	4,034	2,624	2,402
Black Diamond town.....	Contra Costa.....	2,372	.....	.....	Monrovia city.....	Los Angeles.....	3,376	3,025	3,907
Blue Lake town.....	Humboldt.....	607	.....	.....	Mountain View town.....	Stanislaus.....	274	.....	.....
Boulder Creek town.....	Butte.....	546	.....	.....	Monterey city.....	Monterey.....	4,923	1,748	1,662
Brawley city.....	Imperial.....	881	.....	.....	Morgan Hill town.....	Santa Clara.....	607	.....	.....
Burlingame town.....	San Mateo.....	1,565	.....	.....	Mountain View town.....	Santa Clara.....	1,161	.....	.....
Calexico city.....	Imperial.....	797	.....	.....	Napa city.....	Napa.....	5,739	4,636	4,365
Calistoga town.....	Napa.....	751	2,640	2,894	Napa city.....	San Diego.....	2,733	1,080	1,335
Chico city.....	Butte.....	3,750	660	.....	Nevada City.....	Nevada.....	2,689	3,250	2,524
Chino city.....	San Bernardino.....	1,444	.....	.....	Newman town.....	Stanislaus.....	892	.....	.....
Claremont city.....	Los Angeles.....	1,114	.....	.....	Newport Beach city.....	Orange.....	445	.....	.....
Claremont city.....	Sonoma.....	823	766	763	Stanislaus city.....	Stanislaus.....	1,415	.....	.....
Clearlake town.....	Contra Costa.....	4,139	.....	.....	Oakland city.....	Alameda.....	150,174	66,960	48,682
Colfax city.....	Placer.....	621	.....	.....	Ocean Park city.....	Los Angeles.....	3,119	.....	.....
Colton city.....	San Bernardino.....	3,980	1,385	1,318	Oceanside city.....	San Diego.....	673	330	.....
Colusa town.....	Colusa.....	1,582	1,441	1,336	Ontario city.....	San Bernardino.....	4,274	722	683
Compton city.....	Los Angeles.....	922	.....	.....	Orange city.....	Orange.....	798	.....	.....
Concord town.....	Contra Costa.....	703	.....	.....	Orland town.....	Glenn.....	836	.....	.....
Coram town.....	Shasta.....	666	.....	.....	Oroville city.....	Butte.....	3,839	.....	.....
Corning city.....	Tehama.....	972	.....	.....	Oxnard city.....	Ventura.....	2,555	.....	.....
Corona city.....	Riverside.....	3,540	1,434	.....	Pacific Grove city.....	Monterey.....	2,384	.....	1,336
Coronado city.....	San Diego.....	1,477	938	.....	Palo Alto city.....	Stanislaus.....	4,486	.....	.....
Covina city.....	San Antonio.....	1,053	.....	.....	Pasadena city.....	Los Angeles.....	30,291	9,117	4,882
Crescent City.....	Del Norte.....	1,114	609	907	Paso Robles city.....	San Luis Obispo.....	1,441	1,224	827
Dinuba town.....	Tulare.....	970	.....	.....	Petaluma city.....	Sonoma.....	5,880	3,871	3,682
Dixon town.....	Solano.....	827	783	1,082	Piedmont city.....	Alameda.....	1,719	.....	.....
Dorris town.....	Napa.....	751	.....	.....	Pineole town.....	Contra Costa.....	798	.....	.....
Dunsmuir town.....	Siskiyou.....	1,719	.....	.....	Placerville city.....	Eldorado.....	1,914	1,748	1,690
East San Jose town.....	Santa Clara.....	1,661	.....	.....	Pleasanton town.....	Alameda.....	1,254	1,100	.....
El Centro city.....	Imperial.....	1,610	.....	.....	Point Arena city.....	Menocino.....	497	.....	.....
Elsinore city.....	Riverside.....	488	279	.....	Pomona city.....	Los Angeles.....	10,297	5,526	3,634
Emeryville town.....	Alameda.....	2,513	1,016	229	Porterville city.....	Tulare.....	2,696	.....	.....
Escondido city.....	San Diego.....	1,334	755	841	Potter Valley town.....	Menocino.....	576	563	.....
Elma town.....	Siskiyou.....	518	500	271	Red Bluff city.....	Tehama.....	3,530	2,750	2,608
Eureka city.....	Humboldt.....	11,845	7,327	4,858	Redding city.....	Shasta.....	3,572	2,946	1,821
Fairfield town.....	Solano.....	834	.....	.....	Redlands city.....	San Bernardino.....	10,449	4,797	1,934
Ferndale town.....	Humboldt.....	945	846	763	Redondo Beach city.....	Los Angeles.....	2,935	855	663
Fort Bragg city.....	Mendocino.....	2,408	1,590	945	Redwood city.....	San Mateo.....	2,442	1,653	1,672
Fort Jones town.....	Siskiyou.....	316	.....	263	Richmond city.....	Contra Costa.....	6,862	.....	.....
Fortuna town.....	Humboldt.....	883	.....	.....	Rio Vista town.....	Salano.....	884	823	648
Fowler town.....	Fresno.....	676	.....	.....	Riverside city.....	Riverside.....	15,212	7,973	4,683
Fresno city.....	Fresno.....	24,892	12,470	10,818	Rocklin town.....	Placer.....	1,026	1,050	1,056
Fullerton city.....	Orange.....	1,726	.....	.....	Roseville city.....	Placer.....	2,608	.....	.....
Gilroy city.....	Santa Clara.....	2,437	1,820	1,094	Ross town.....	Marin.....	599	.....	.....
Glendale city.....	Los Angeles.....	2,740	.....	.....	Sacramento city.....	Sacramento.....	44,696	29,282	26,286
Grass Valley city.....	Nevada.....	4,530	4,719	.....	St. Helena town.....	Napa.....	1,603	1,382	1,705
Groveland city.....	Butte.....	957	.....	.....	Salinas city.....	Monterey.....	3,736	3,304	2,339
Handford city.....	Kings.....	4,829	2,629	942	Santa Ines town.....	San Bernardino.....	1,811	619	.....
Hayward town.....	Alameda.....	7,745	1,968	1,479	San Bernardino city.....	San Bernardino.....	12,779	6,150	4,012
Healdsburg city.....	Sonoma.....	2,011	1,869	1,485	San Diego city.....	San Diego.....	39,578	17,700	16,159
Hemet city.....	Riverside.....	992	.....	.....	San Francisco city.....	San Francisco.....	416,912	342,752	298,997
Hercules town.....	Contra Costa.....	279	.....	.....	San Jacinto city.....	Riverside.....	898	663	.....
Hermosa Beach city.....	Los Angeles.....	679	.....	.....	Santa Ana city.....	Santa Ana.....	28,949	15,000	18,060
Hollister town.....	San Benito.....	2,704	1,312	1,254	San Juan town.....	San Benito.....	326	449	661
Holtville city.....	Imperial.....	729	.....	.....	San Leandro city.....	Alameda.....	3,471	2,253	.....
Hornitos town.....	Mariposa.....	160	205	276	San Luis Obispo city.....	San Luis Obispo.....	5,157	3,621	2,955
Huntington Beach city.....	Orange.....	815	.....	.....	San Mateo city.....	San Mateo.....	4,384	1,832	.....
Huntington Park city.....	Los Angeles.....	1,299	.....	.....	Mariposa city.....	Mariposa.....	2,004	3,379	3,769
Humboldt city.....	Humboldt.....	1,237	.....	.....	Santa Ana city.....	Orange.....	8,429	4,933	3,628
Inglewood city.....	Los Angeles.....	1,536	.....	.....	Santa Barbara city.....	Santa Barbara.....	11,659	5,587	5,564
Jackson city.....	Amador.....	2,035	.....	.....	Santa Clara town.....	Santa Clara.....	4,348	3,650	2,891
Kingsburg city.....	Fresno.....	634	.....	.....	Santa Cruz city.....	Santa Cruz.....	11,146	5,659	5,996
Lakewood town.....	Marin.....	870	726	991	Santa Barbara city.....	Santa Barbara.....	2,260	.....	.....
Lemoore city.....	Kings.....	1,600	.....	.....	Santa Monica city.....	Los Angeles.....	7,847	3,067	1,560

STATISTICS OF POPULATION.

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TABLE 2.—POPULATION OF INCORPORATED PLACES: 1910, 1900, AND 1890—Continued.

CITY OR TOWN.	County.	1910	1900	1890	CITY OR TOWN.	County.	1910	1900	1890
Santa Paula city.....	Ventura.....	2,216			Turlock city.....	Stanislaus.....	1,573		
Santa Rosa city.....	Sonoma.....	7,817	6,673	5,220	Ukiah city.....	Mendocino.....	2,136	1,850	1,627
Sausalito town.....	Marin.....	2,383	1,928	1,334	Upland city.....	San Bernardino.....	2,384		
Sawtelle city.....	Los Angeles.....	2,143			Vacaville town.....	Solano.....	1,177	1,220	725
Sebastopol town.....	Sonoma.....	1,233			Valejo city.....	Solano.....	11,340	7,965	6,343
Selma town.....	Fresno.....	1,750	1,083	1,150	Ventura city.....	Ventura.....	2,945	2,470	2,320
Sierra Madre city.....	Los Angeles.....	1,303			Vernon city.....	Los Angeles.....	772		
Sisson town.....	Siskiyou.....	636			Vissia city.....	Tulare.....	4,550	3,088	2,888
Sonoma town.....	Sonoma.....	957	652	757	Watsonville city.....	Santa Cruz.....	4,446	3,528	2,149
Sonora city.....	Tuolumne.....	2,029	1,922	1,441	Watts city.....	Los Angeles.....	1,922		
South Pasadena city.....	Los Angeles.....	4,649	1,001	623	Wheatland town.....	Yuba.....	481	492	630
South San Francisco city.....	San Mateo.....	1,989			Whittier city.....	Los Angeles.....	4,550	1,590	885
Stockton city.....	San Joaquin.....	23,253	17,606	14,424	Willits town.....	Mendocino.....	1,153	791	815
Suisun City town.....	Solano.....	641	625	499	Willows town.....	Glenn.....	1,139	893	1,176
Susanville town.....	Lassen.....	688			Winters town.....	Yolo.....	910	785	
Tehachapi town.....	Kern.....	386			Woodland city.....	Yolo.....	3,187	2,886	3,069
Tehama town.....	Tehama.....	221			Yreka town.....	Siskiyou.....	1,134	1,254	1,100
Tulare city.....	Tulare.....	2,758	2,216	2,697	Yuba City town.....	Sutter.....	1,160		



## CHAPTER 2.

### COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

**Introduction.**—The first chapter having given the number of inhabitants of California by counties and minor civil divisions, the decennial increase and the density of population, and the proportions urban and rural, the present chapter deals with the composition and characteristics of the population. The two chapters cover all the principal topics of the population census except occupations and ownership of homes.

**Description of the tables.**—The greater part of this chapter consists of five general tables, which present statistics of color, nativity, parentage, sex, citizenship, illiteracy, school attendance, and dwellings and families, as follows: Table I for the state and counties; Table II for cities of more than 25,000 inhabitants; Table III for cities of 10,000 to 25,000; Table IV for places of 2,500 to 10,000; and Table V for wards or assembly districts of the three cities of more than 50,000.

A series of summary tables (numbered 1 to 17) reproduces from the general tables the more important state and city totals, and presents also certain additional data relative to state of birth, age, and marital condition.

On account of the wide differences in characteristics among the different classes of the population, the statistics on each subject are shown according to race, and for the whites according to nativity and parentage. Classification according to nativity and parentage is scarcely necessary for the other races, since nearly all negroes and Indians are native born of native parentage, and nearly all Chinese and Japanese either foreign born or of foreign parentage.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born abroad; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. As the second and third classes do not differ greatly in characteristics, they are combined in some of the tables; in a few cases all three native white classes are combined.

Since marked differences often exist between urban and rural communities with respect to the composition and characteristics of the population, the two classes are distinguished in connection with several of the subjects. Urban population, as defined by the Bureau of the Census, includes that of all incorporated places of 2,500 inhabitants or more, the remainder being classified as rural.

The census inquiry as to school attendance was merely as to whether the person enumerated had

attended any kind of school at any time between September 1, 1909, and the date of enumeration, April 15, 1910.

The Census Bureau classifies as illiterate any person 10 years of age or over who is unable to write, regardless of ability to read.

**Color and nativity** (Table 1).—Of the total population of California, 1,106,533, or 46.5 per cent, are native whites of native parentage; 635,889, or 26.8 per cent, are native whites of foreign or mixed parentage; and 517,250, or 21.8 per cent, are foreign-born whites. The corresponding percentages in 1900 were 43.4, 29.7, and 21.3, respectively, the proportion of native whites of native parentage increasing somewhat during the decade. In 1910 Japanese constituted 1.7 per cent of the population; Chinese, 1.5; negroes, 0.9; and Indians, 0.7. In 8 of the 58 counties the foreign-born whites represent as much as one-fourth of the population, the percentage being highest (32) in San Mateo. The proportion of native whites of foreign or mixed parentage exceeds one-fourth in 24 counties and is highest in San Francisco County (36.9 per cent). (See maps on page 597.)

Of the urban population, 44.4 per cent are native whites of native parentage; of the rural, 50 per cent. The corresponding proportions for native whites of foreign or mixed parentage are 28.8 and 23.5 per cent, respectively; for foreign-born whites 22.6 and 20.4 per cent. The percentage of Chinese and Japanese is 3 in the urban and 3.8 in the rural.

**Sex** (Tables 2 and 15).—In the total population of the state there are 1,322,978 males and 1,054,571 females, or 125.5 males to 100 females. In 1900 the ratio was 123.5 to 100. Among native whites the ratio is 108.7 to 100 and among foreign-born whites, 169.6 to 100. In the urban population there are 113.6 males to 100 females, and in the rural, 147.8.

**State of birth** (Tables 3 and 4).—Of the native population—that is, population born in the United States—50.5 per cent were born in California and 49.5 per cent outside the state; of the native white population, 49.9 per cent were born outside the state; of the native negro, 75.6 per cent; and of the native Indian, 6.4 per cent. Persons born outside the state constitute a larger proportion of the native population in urban than in rural communities.

**Foreign nationalities** (Tables 5 and 12).—Of the foreign-born white population of California, persons born in Germany represent 14.8 per cent; Italy, 12.3; Ireland, 10.1; England, 9.4; Canada, 8.6; Mexico, 6.5;

Sweden, 5.1; Portugal, 4.3; France, 3.4; Austria, 3.3; Russia, 3.2; all other countries, 18.8 per cent. Of the total white stock of foreign origin, which includes persons born abroad and also natives having one or both parents born abroad, Germany contributed 17.9 per cent; Ireland, 13.8; England, 10; Italy, 8.9; Canada, 8.4; Portugal, 4.5; Mexico, 4.4; Sweden, 4; France, 2.8; Scotland, 2.8; Switzerland, 2.4; Russia, 2.4; Denmark, 2.3 per cent.

**Voting and militia ages** (Table 6).—The total number of males 21 years of age and over is 920,397, representing 38.7 per cent of the population. Of such males, 40 per cent are native whites of native parentage, 19.7 per cent native whites of foreign or mixed parentage, 32.3 per cent foreign-born whites, 6.5 per cent Chinese and Japanese, 0.9 per cent negroes, and 0.5 per cent Indians. Of the 297,365 foreign-born white males of voting age, 137,274, or 46.2 per cent, are naturalized. Males of militia age—18 to 44—number 665,522.

**Age** (Tables 7, 8, 13, and 14).—Of the total population, 8.1 per cent are under 5 years of age, 14.7 per cent from 5 to 14 years, inclusive, 18 per cent from 15 to 24, 35.7 per cent from 25 to 44, and 23.1 per cent 45 years and over. The proportion of children is low among the foreign-born whites, negroes, Chinese, and Japanese. Only 4.2 per cent of the foreign-born whites are under 15 years of age, while 82.9 per cent are 25 years of age and over. Of the native whites of foreign or mixed parentage, 47.5 per cent are 25 and over, and of the native whites of native parentage, 52.9 per cent.

The urban population shows a smaller proportion of children than the rural and a larger proportion of persons in the prime of life. Migration to the city explains this at least in part. Of the urban population, 37.3 per cent are from 25 to 44 years of age, inclusive, and of the rural, 32.9 per cent.

**School attendance** (Table 9).—The total number of persons of school age—that is, from 6 to 20 years, inclusive—is 555,554, of whom 361,077, or 65 per cent, attended school. In addition to these, 6,788 children under 6 and 9,501 persons of 21 and over attended school. For boys from 6 to 20 years, inclusive, the percentage attending school was 63.1; for girls, 67. For children from 6 to 14 years, inclusive, the percentage attending school was 86.9. The percentage for children of this age among native whites of native parentage was 87.4; among native whites of foreign or mixed parentage, 88.1; among foreign-born whites, 82.3; among negroes, 88.4; among Indians, 61.4; among Chinese, 70.1; and among Japanese, 61.5. (See Table L) For all classes combined, the percentage attending school is somewhat higher in urban than in rural communities.

**Illiteracy** (Table 10).—There are 74,902 illiterates in the state, representing 3.7 per cent of the total population 10 years of age and over, as compared with 4.8 per cent in 1900. The percentage of illiteracy is 0.5 among native whites, 10 among foreign-born

whites, 7.1 among negroes, 49 among Indians, 15.5 among Chinese, and 8.6 among Japanese.

For all classes combined, the percentage of illiterates is 2.4 in urban communities and 5.9 in rural. For each class separately, also, the rural percentage exceeds the urban, the differences in some cases being very marked.

For persons from 10 to 20 years of age, inclusive, whose literacy depends largely upon present school facilities and school attendance, the percentage of illiteracy is 1.7. (See Table I.)

**Marital condition** (Tables 11 and 16).—In the population 15 years of age and over, 45.8 per cent of the males are single and 27.9 per cent of the females. The percentage married is 47.3 for males and 58.4 for females, and the percentage widowed 4.4 and 12.2, respectively. The percentages of those reported as divorced, 1 and 1.3, respectively, are believed to be too small, because of the probability that many divorced persons class themselves as single or widowed.

That the percentage single is so much smaller for women than for men is due partly to the excess of males in the total population, and partly to the fact that women marry younger. Thus 9.1 per cent of the females from 15 to 19 years of age are married, as compared with 0.6 per cent of the males; and 47.2 per cent of the females from 20 to 24 years are married, as compared with 14.8 per cent of the males. In the next age group, 25 to 34 years, the percentages are 72.4 and 46, respectively. In the age group 35 to 44 the difference is less marked, while among those aged 45 and over the percentage for males exceeds that for females. That there is a larger proportion of widows than of widowers may indicate that men more often remarry than women, but, since husbands are generally older than their wives, the marriage relationship is more often broken by death of the husband than by death of the wife.

For the main elements of the population the percentages of married persons among those 15 years of age and over are as follows: Foreign-born whites, 49.8 for males and 65.1 for females; native whites of native parentage, 49.7 and 57.6, respectively; native whites of foreign or mixed parentage, 42.4 and 53.5; negroes, 48.9 and 55.8; Indians, 50.3 and 59.2; Chinese, 44.7 and 69; Japanese, 28 and 86.8.

These percentages by no means indicate the relative tendency of the several classes as regards marriage. To determine that, the comparison should be made by age periods, since the proportion married in any class is determined largely by the proportion who have reached the marrying age. Similarly, the proportion widowed depends largely on the proportion past middle life. The percentage married for males is higher in the urban population, for females in the rural.

**Dwellings and families.**—The total number of dwellings in California is 513,481, and the total number of families 563,636, there being 109.8 families to each 100 dwellings. (See Table I.) The average number of persons per dwelling is 4.6, and the average number per family, 4.2.

# STATISTICS OF POPULATION.

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TABLE 1.—COLOR, NATIVITY, AND PARENTAGE.

CLASS OF POPULATION.	NUMBER.						PER CENT OF TOTAL.					
	1910		1900		1890		1910		1900		1890	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>TOTAL POPULATION.</b>	<b>2,377,549</b>	<b>1,688,083</b>	<b>1,293,838</b>	<b>950,000</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White.....	2,279,672	1,492,727	1,111,833	80.0	94.5	91.6						
Negro.....	21,644	11,045	11,322	0.9	0.7	0.9						
Indian.....	16,371	15,377	16,624	0.7	1.0	1.4						
Chinese.....	36,248	45,753	72,472	1.5	3.1	6.0						
Japanese.....	41,356	10,151	1,147	1.7	0.7	0.1						
All other <sup>1</sup> .....	2,527			0.1								
<b>Total native.....</b>	<b>1,791,117</b>	<b>1,117,813</b>	<b>847,085</b>	<b>75.3</b>	<b>65.1</b>	<b>69.8</b>						
Total foreign born.....	586,432	307,240	366,399	24.7	34.7	30.2						
<b>Native white, total.....</b>	<b>1,742,422</b>	<b>1,056,222</b>	<b>818,290</b>	<b>73.7</b>	<b>67.4</b>	<b>74.0</b>						
Native white, total.....	1,106,533	644,428	497,490	46.5	43.4	41.0						
Foreign parentage.....	405,364	282,839	217,979	17.0	15.0	15.0						
Mixed parentage.....	232,525	158,964	102,411	9.8	10.7	8.4						
Foreign-born white.....	517,270	316,505	236,535	21.8	21.3	24.2						
<b>URBAN POPULATION.</b>	<b>1,453,739</b>	<b>777,699</b>	<b>583,464</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>						
White.....	1,407,213	954,229	695,279	95.7	94.4	93.2						
Negro.....	18,399	8,075	6,328	1.3	1.0	1.1						
Indian.....	831	221	281	0.1	0.1	0.1						
Chinese.....	24,292	24,465	39,754	1.7	3.1	6.6						
Japanese.....	18,612	3,246	843	1.3	0.4	0.2						
All other.....	384			(?)								
<b>Native white, total.....</b>	<b>1,075,415</b>	<b>654,984</b>	<b>377,566</b>	<b>73.2</b>	<b>71.4</b>	<b>64.1</b>						
Native white, total.....	652,659	392,440	194,864	44.4	47.6	33.1						
Foreign parentage.....	271,519	202,944	152,762	18.5	33.8	31.0						
Mixed parentage.....	151,257	188,765	169,102	10.3	13.0	24.1						
Foreign-born white.....	331,536	186,738	152,602	22.6	24.0	28.1						
<b>RURAL POPULATION.</b>	<b>907,810</b>	<b>707,354</b>	<b>623,934</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>						
White.....	832,421	661,095	568,573	93.9	93.4	91.8						
Negro.....	3,246	2,970	4,294	0.4	0.4	0.8						
Indian.....	15,240	15,156	16,343	1.7	2.1	3.0						
Chinese.....	11,989	21,318	33,718	1.3	3.0	5.4						
Japanese.....	22,744	6,995	304	2.5	1.0	0.1						
All other.....	1,873			0.2								
<b>Native white, total.....</b>	<b>667,007</b>	<b>431,238</b>	<b>340,714</b>	<b>73.5</b>	<b>71.1</b>	<b>70.6</b>						
Native white, total.....	432,874	251,938	203,020	50.0	49.8	48.6						
Foreign parentage.....	152,845	117,300	84,744	16.7	16.7	13.8						
Mixed parentage.....	81,288	179,300	137,688	9.0	25.3	22.1						
Foreign-born white.....	185,414	129,767	127,861	20.4	18.3	20.5						

<sup>1</sup> Includes 1,948 Hindus, 204 Koreans, and 5 Filipinos.  
<sup>2</sup> Less than one-tenth of 1 per cent.

TABLE 2.—SEX, FOR THE STATE.

[See also Tables 7 and 8.]

CLASS OF POPULATION.	1910		1900		1890	
	Male	Female	Male	Female	Male	Female
	Males to 100 females.		Males to 100 females.		Males to 100 females.	
<b>Total population.</b>	<b>1,322,978</b>	<b>1,034,713</b>	<b>1,255,131</b>	<b>954,522</b>	<b>1,123,516</b>	<b>852,165</b>
White.....	1,232,990	966,682	1,201,417	947,589	1,166,156	912.5
Negro.....	11,303	10,242	10,913	5,769	5,279	106.2
Indian.....	8,356	8,015	10,413	7,723	7,654	100.0
Chinese.....	33,063	32,485	101,070	42,297	3,456	1,223.9
Japanese.....	35,116	6,240	9,562	988	368	280.0
All other.....	2,290	47				
<b>Native white, total.....</b>	<b>907,573</b>	<b>634,849</b>	<b>703,353</b>	<b>522,887</b>	<b>107,737</b>	<b>107.7</b>
Native white, total.....	588,658	520,875	112,4	340,617	303,811	112.1
Foreign parentage.....	295,309	188,065	109,6	142,831	139,999	102.0
Mixed parentage.....	116,646	115,779	100,7	75,887	70,077	101.0
Foreign-born white.....	325,417	231,533	166.6	191,812	124,695	103.8
Urban population.....	781,502	688,257	115.6	494,325	373,574	108.5
Rural population.....	541,476	366,534	147.8	416,266	291,148	143.0

<sup>1</sup> Ratio not shown, the number of females being less than 100.

TABLE 3.—NATIVE POPULATION, DISTINGUISHED AS BORN IN STATE OR OUTSIDE STATE.

CLASS OF POPULATION.	1910			1900			Urban: 1910			Rural: 1910		
	1910	1900	1890	1910	1900	1890	1910	1900	1890	1910	1900	
	Number.	Per cent.	Per cent.	Number.	Per cent.	Per cent.	Number.	Per cent.	Per cent.	Number.	Per cent.	
<b>Total native population.....</b>	<b>1,791,117</b>	<b>1,117,813</b>	<b>841,821</b>	<b>1,102,476</b>	<b>688,641</b>							
Born in state.....	963,996	661,280	475,843	52.2	51.4	381,882						
Born outside state.....	827,121	456,533	365,978	46.0	41.5	306,759						
Per cent outside state.....	49.9	41.3	43.6	44.5	44.5							
<b>Native white population.....</b>	<b>1,742,422</b>	<b>1,056,222</b>	<b>818,119</b>	<b>1,075,415</b>	<b>667,007</b>							
Born in state.....	872,833	637,366	439,201	569,564	363,269							
Born outside state.....	869,589	418,856	378,918	405,851	303,738							
Per cent outside state.....	49.9	41.3	43.9	52.6	45.5							
<b>Native negro population.....</b>	<b>20,771</b>	<b>10,612</b>	<b>6,012</b>	<b>17,758</b>	<b>3,013</b>							
Born in state.....	5,060	5,578	5	4	913							
Born outside state.....	15,711	6,034	6	13,754	2,098							
Per cent outside state.....	75.6	63.5	5	76.7	69.6							
<b>Native Indian population.....</b>	<b>15,233</b>	<b>15,215</b>	<b>9</b>	<b>139</b>	<b>15,463</b>							
Born in state.....	15,227	14,868	7	144	14,778							
Born outside state.....	6	1,627	909	251	685							
Per cent outside state.....	6.4	5.3	91.1	43.9	4.4							

<sup>1</sup> Exclusive of 161 whites and 5,107 Indians not distributed by state of birth.  
<sup>2</sup> Includes persons born in United States, state not specified; persons born in other foreign possessions, or at sea under United States flag; and American citizens born abroad.  
<sup>3</sup> Comparable figures not available.

TABLE 4.—STATE OF DIVISION OF BIRTH.

PLACE OF BIRTH.	NUMBER.			PER CENT OF TOTAL.		
	1910		1900		1910	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
<b>Total native.....</b>	<b>1,791,117</b>	<b>100.0</b>	<b>1,117,813</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
California.....	903,996	661,280	50.5	59.2		
Other states.....	887,121	456,533	40.3	40.8		
Illinois.....	87,291	42,304	4.9	3.8		
New York.....	79,992	54,888	4.5	4.9		
Missouri.....	65,086	50,588	3.6	4.5		
Ohio.....	66,128	34,609	3.7	3.1		
Iowa.....	54,960	26,789	3.1	2.4		
Pennsylvania.....	51,786	26,789	2.9	2.4		
Indiana.....	41,288	19,383	2.3	1.7		
Kansas.....	35,115	15,216	2.0	1.2		
Michigan.....	34,236	14,962	1.9	1.3		
Massachusetts.....	28,113	13,818	1.6	1.8		
Wisconsin.....	28,013	19,826	1.6	1.2		
Texas.....	21,515	7,747	1.2	0.7		
Kentucky.....	19,967	9,988	1.1	0.9		
Minnesota.....	18,372	7,539	1.1	0.9		
All other.....	222,241	101,483	13.1	11.8		
<b>DIVISIONS.</b>						
New England.....	67,316	50,873	3.8	4.6		
Middle Atlantic.....	141,180	85,185	7.9	7.6		
East North Central.....	226,956	124,634	14.3	11.2		
West North Central.....	202,939	91,900	11.3	8.2		
South Atlantic.....	35,778	19,612	2.0	1.8		
East South Central.....	43,717	21,343	2.4	1.9		
West South Central.....	15,314	8,533	0.8	0.8		
Mountain.....	46,844	19,230	2.6	1.7		
Pacific.....	930,469	676,487	51.9	60.5		
Other <sup>1</sup> .....	24,833	12,708	1.3	1.3		

<sup>1</sup> Includes persons born in United States, state not specified; persons born in other foreign possessions, or at sea under United States flag; and American citizens born abroad.

TABLE 5.—FOREIGN WHITE STOCK, BY NATIONALITY.

FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign-born white population.
	Total.		Foreign born.		Native.		
	Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.	
<b>All countries.....</b>	<b>1,153,139</b>	<b>100.0</b>	<b>617,250</b>	<b>100.0</b>	<b>403,364</b>	<b>232,525</b>	<b>316,505</b>
Atlantic Islands.....	6,613	0.6	2,860	0.6	2,830	973	3,496
Australia.....	5,607	0.5	6	0.0	207	2	2,377
Austria.....	25,578	2.2	17,163	3.3	5,755	2,839	5,930
Canada-French.....	8,906	0.7	3,109	0.6	7,532	3,202	2,407
Canada-English.....	88,919	7.7	41,023	6.6	47,896	24,323	23,573
Denmark.....	26,495	2.3	14,238	2.7	8,244	4,043	9,036
England.....	115,848	10.0	48,667	9.4	26,696	40,723	35,722
Finland.....	8,902	0.8	6,152	1.0	3,099	21	2,763

TABLE 7.—AGE, FOR THE STATE.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	TOTAL POPULATION.				NATIVE WHITE.				FOREIGN-BORN WHITE.	
	1910	1900	Male.	Female.	Native percentage.		Foreign or mixed percentage.		Male.	Female.
					Male.	Female.	Male.	Female.		
All ages, number	2,377,548	1,485,053	1,322,878	1,054,571	555,568	520,875	321,815	313,874	328,417	181,833
Under 5 years.....	139,059	125,937	95,300	95,269	57,369	55,427	25,961	24,973	1,713	1,581
Under 1 year.....	40,336	29,137	20,625	19,710	11,992	11,566	7,774	7,359	125	98
5 to 9 years.....	176,102	137,005	89,099	89,099	50,762	49,500	31,349	30,910	4,450	4,194
10 to 14 years.....	173,945	128,889	87,896	86,049	48,368	47,565	31,908	31,441	5,962	4,909
15 to 19 years.....	196,034	128,084	102,000	94,034	50,409	49,836	34,821	35,048	11,259	6,821
20 to 24 years.....	234,121	135,949	131,064	100,937	57,057	56,636	33,661	34,157	31,302	15,231
25 to 29 years.....	246,326	134,299	142,834	103,192	56,500	47,642	31,078	31,787	45,968	20,723
30 to 34 years.....	225,610	129,103	131,048	94,262	50,049	42,624	29,174	29,329	39,579	20,570
35 to 39 years.....	200,819	122,122	114,194	86,625	44,191	37,508	29,396	26,247	34,348	20,640
40 to 44 years.....	174,286	104,214	101,430	72,856	37,900	31,463	21,183	19,622	34,527	20,109
45 to 49 years.....	146,578	81,333	86,173	60,099	32,051	26,761	16,900	15,183	30,463	17,582
50 to 54 years.....	119,253	69,530	69,741	49,352	27,573	25,021	12,556	10,866	23,805	14,640
55 to 59 years.....	82,625	52,504	47,290	34,805	19,017	16,588	6,914	5,941	17,686	11,678
60 to 64 years.....	74,567	48,888	45,840	30,727	17,063	14,827	4,601	3,035	17,027	11,778
65 to 74 years.....	88,132	58,998	50,079	38,033	22,970	18,623	4,579	3,466	20,550	15,011
75 to 84 years.....	32,486	16,430	18,623	13,863	9,454	7,163	1,362	911	7,334	5,462
85 years and over.....	6,890	1,838	1,966	1,966	1,184	987	168	168	824	779
Age unknown.....	8,361	10,174	6,739	1,622	3,049	881	295	253	1,506	361
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.1	8.5	7.4	9.0	9.8	10.6	11.2	11.1	0.5	0.8
5 to 9 years.....	7.4	9.2	6.7	8.3	8.7	9.5	9.7	9.8	1.4	2.2
10 to 14 years.....	7.3	8.5	6.6	8.2	8.3	9.1	10.0	10.0	1.6	2.6
15 to 19 years.....	8.2	8.6	7.7	8.9	8.8	9.6	10.8	11.2	2.5	3.6
20 to 24 years.....	9.8	9.2	9.9	9.8	9.7	9.7	10.1	10.9	9.6	7.9
25 to 29 years.....	19.9	17.7	20.7	18.8	18.2	17.2	18.7	19.5	23.4	21.4
30 to 34 years.....	15.8	15.3	15.1	14.0	13.3	14.8	14.6	14.6	21.2	21.2
35 to 44 years.....	17.8	17.0	18.7	16.7	16.4	15.6	12.7	11.4	27.6	29.0
45 to 64 years.....	8.3	5.2	5.4	5.1	5.7	5.2	1.9	1.4	8.9	11.1

AGE PERIOD.	NEGRO.		INDIAN.		CHINESE.		JAPANESE.		ALL OTHER.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
All ages, number	11,303	10,342	6,356	8,015	33,009	3,245	35,116	6,240	2,210	47
Under 5 years.....	732	787	920	891	459	304	1,198	1,213	8	8
Under 1 year.....	150	149	190	135	68	74	336	286	1	3
5 to 9 years.....	698	729	978	976	441	308	419	284	2	2
10 to 14 years.....	690	777	904	873	756	343	187	133	11	3
15 to 19 years.....	848	904	900	878	2,129	258	1,491	235	143	.....
20 to 24 years.....	1,114	1,069	661	593	2,180	344	5,693	1,945	326	2
25 to 29 years.....	1,343	1,263	575	544	1,633	299	8,196	1,367	541	10
30 to 34 years.....	1,236	1,040	528	498	2,246	308	7,795	977	430	7
35 to 39 years.....	1,169	1,036	484	466	2,460	231	4,968	319	229	5
40 to 44 years.....	835	781	460	426	3,331	213	2,861	238	163	4
45 to 49 years.....	816	650	412	372	4,537	145	1,115	63	165	3
50 to 54 years.....	612	468	338	290	4,287	124	510	33	60	1
55 to 59 years.....	346	277	227	228	3,946	77	129	14	15	2
60 to 64 years.....	281	224	224	224	2,804	40	147	5	48	.....
65 to 74 years.....	290	283	330	336	1,941	44	14	2	.....	.....
75 to 84 years.....	101	102	216	222	149	2	6	1	1	.....
85 to 94 years.....	17	28	87	84	13	.....	1	.....	.....	.....
95 years and over.....	7	8	25	24	24	.....	.....	.....	.....	.....
Age unknown.....	55	48	42	52	1,271	9	476	18	45	.....
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	6.5	7.6	11.0	11.1	1.4	12.1	3.4	19.4	0.4	.....
5 to 9 years.....	6.2	7.0	11.7	12.2	1.3	12.3	1.2	6.2	0.1	.....
10 to 14 years.....	6.1	7.5	10.8	11.0	2.3	10.6	0.5	2.1	0.5	.....
15 to 19 years.....	7.5	10.8	10.9	10.9	6.5	8.0	4.2	3.8	6.5	.....
20 to 24 years.....	9.9	10.3	7.9	7.4	6.6	10.6	16.0	16.7	19.3	.....
25 to 29 years.....	22.0	21.9	12.2	13.0	11.8	18.4	45.5	37.6	43.9	.....
30 to 34 years.....	18.5	15.3	11.3	11.1	13.2	14.2	22.3	12.0	17.7	.....
35 to 44 years.....	18.3	15.7	15.0	14.1	44.2	12.1	5.4	1.8	8.5	.....
45 to 64 years.....	3.6	3.4	7.8	8.6	4.6	1.4	0.1	1.1	.....	.....

¹ Less than one-tenth of 1 per cent.

# STATISTICS OF POPULATION.

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TABLE 8.—AGE, FOR URBAN AND RURAL POPULATION.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	TOTAL.				NATIVE WHITE.				FOREIGN-BORN WHITE.			
	Male.		Female.		Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
<b>All ages, number.....</b>	<b>781,502</b>	<b>541,476</b>	<b>658,237</b>	<b>366,324</b>	<b>539,492</b>	<b>368,081</b>	<b>535,923</b>	<b>298,928</b>	<b>195,265</b>	<b>130,162</b>	<b>136,581</b>	<b>65,252</b>
Under 5 years.....	55,995	42,395	54,239	41,030	53,310	40,650	51,605	38,790	1,072	641	1,023	558
Under 1 year.....	11,895	8,731	11,240	8,470	11,468	8,298	10,847	8,058	81	44	51	47
5 to 9 years.....	49,449	39,569	49,003	38,960	45,387	36,724	45,166	35,244	2,883	1,567	2,677	1,517
10 to 14 years.....	49,497	38,499	50,209	35,840	44,879	35,397	45,802	33,294	3,156	1,906	3,283	1,626
15 to 19 years.....	59,559	45,461	60,214	35,820	50,527	34,703	53,058	30,995	5,944	5,325	4,928	1,938
20 to 24 years.....	75,236	55,828	71,425	51,632	56,031	38,687	58,215	30,560	10,689	14,673	11,252	3,969
25 to 34 years.....	109,627	104,255	137,587	60,567	107,882	58,910	104,003	46,779	49,583	32,964	29,720	11,430
35 to 44 years.....	132,383	85,259	109,043	59,438	80,462	49,257	77,877	37,053	42,982	25,896	28,742	11,967
45 to 64 years.....	144,517	104,533	119,380	59,463	79,018	38,257	71,870	38,862	54,862	34,819	39,675	16,011
65 years and over.....	37,381	33,853	35,964	18,095	19,701	20,067	20,564	11,080	16,814	15,048	15,046	6,252
Age unknown.....	4,966	1,773	1,203	419	2,295	1,049	865	269	1,180	526	272	89
<b>All ages, per cent.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>								
Under 5 years.....	7.2	7.8	7.9	11.2	9.9	10.9	9.6	12.0	0.5	0.5	0.7	1.0
5 to 9 years.....	6.3	7.3	7.1	10.4	8.4	10.0	8.4	11.8	1.5	1.2	2.0	2.7
10 to 14 years.....	6.3	7.1	7.5	9.8	8.5	9.6	8.5	11.1	1.6	1.5	2.4	2.9
15 to 19 years.....	7.6	7.8	8.7	9.2	9.4	9.4	10.1	10.4	3.0	4.1	3.6	3.4
20 to 24 years.....	10.0	9.8	10.4	8.6	10.4	9.2	10.9	8.9	8.5	11.3	8.2	7.2
25 to 34 years.....	21.7	19.3	20.0	16.5	20.0	16.0	19.4	18.6	25.4	25.3	21.7	20.7
35 to 44 years.....	16.9	15.4	15.8	13.8	14.9	13.4	14.8	12.4	22.0	19.9	21.0	21.6
45 to 64 years.....	18.5	18.9	17.3	15.4	14.6	15.8	14.5	13.0	28.1	26.8	29.0	29.0
65 years and over.....	4.8	6.3	5.2	4.9	3.7	5.3	3.8	3.7	8.6	9.3	11.0	11.5

AGE PERIOD.	NEGRO.				INDIAN.				CHINESE.				JAPANESE.				ALL OTHER.			
	Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
<b>All ages, number.....</b>	<b>9,285</b>	<b>2,018</b>	<b>8,114</b>	<b>1,228</b>	<b>429</b>	<b>7,927</b>	<b>402</b>	<b>7,613</b>	<b>21,489</b>	<b>11,514</b>	<b>2,773</b>	<b>472</b>	<b>15,201</b>	<b>19,915</b>	<b>3,411</b>	<b>2,829</b>	<b>351</b>	<b>1,859</b>	<b>33</b>	<b>14</b>
Under 5 years.....	638	94	674	113	17	903	6	885	385	74	323	71	570	628	602	611	3	5	6	2
Under 1 year.....	126	24	132	17	4	186	1	184	61	7	48	26	155	171	160	136	.....	.....	.....	.....
5 to 9 years.....	588	130	611	118	15	963	22	954	371	70	344	54	305	244	182	202	.....	.....	.....	.....
10 to 14 years.....	544	146	659	118	90	814	81	797	627	139	297	46	107	80	85	48	.....	.....	.....	.....
15 to 19 years.....	631	197	796	108	174	726	159	714	1,525	604	224	34	707	784	149	86	.....	.....	.....	.....
20 to 24 years.....	906	208	975	94	46	615	44	549	1,641	539	309	35	2,864	2,739	620	425	.....	.....	.....	.....
25 to 34 years.....	2,179	420	2,042	228	46	1,657	48	994	1,943	522	75	6,941	9,060	1,290	1,654	162	.....	.....	.....	.....
35 to 44 years.....	1,782	312	1,613	173	17	927	19	825	4,129	1,962	380	78	2,939	4,880	398	333	.....	.....	.....	.....
45 to 64 years.....	1,664	461	1,416	203	16	1,240	16	1,116	8,214	6,370	326	66	620	1,281	72	43	.....	.....	.....	.....
65 years and over.....	287	121	283	70	7	611	5	681	567	93	34	12	4	17	2	.....	.....	.....	.....	
Age unknown.....	46	9	45	3	1	41	2	50	1,196	75	8	1	244	232	11	7	.....	.....	.....	.....
<b>All ages, per cent.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>								
Under 5 years.....	6.9	4.7	7.4	9.2	4.0	11.4	1.5	11.6	1.8	0.6	11.6	15.0	3.7	3.2	17.6	21.6	0.9	0.3	.....	.....
5 to 9 years.....	6.3	5.5	6.7	9.6	3.5	12.1	5.5	12.5	1.7	0.6	12.4	11.4	1.5	1.1	5.3	7.1	.....	.....	.....	.....
10 to 14 years.....	5.9	7.2	7.2	9.6	21.0	10.3	20.1	10.5	2.9	1.2	10.7	9.7	0.7	0.4	2.5	1.7	.....	.....	.....	.....
15 to 19 years.....	7.0	9.8	8.7	8.8	40.6	9.2	39.6	9.4	7.1	5.2	8.1	7.2	4.7	3.9	4.4	3.0	.....	.....	.....	.....
20 to 24 years.....	9.8	10.3	10.7	7.7	19.7	7.8	19.9	7.2	7.6	4.7	11.1	7.4	18.8	13.8	18.2	13.0	.....	.....	.....	.....
25 to 34 years.....	23.5	20.8	22.4	18.6	10.7	13.3	11.9	13.1	13.2	9.1	18.8	15.9	48.7	45.4	37.8	37.3	.....	.....	.....	.....
35 to 44 years.....	19.2	15.5	17.7	14.1	4.0	11.7	4.7	11.5	16.2	14.4	13.9	16.5	19.3	24.6	11.7	12.5	.....	.....	.....	.....
45 to 64 years.....	17.9	19.9	15.5	16.5	3.7	15.6	4.0	14.7	38.2	35.3	11.8	14.0	4.1	6.4	2.1	1.5	.....	.....	.....	.....
65 years and over.....	3.1	6.0	3.1	5.7	1.6	8.1	1.2	8.9	2.6	8.1	1.2	2.5	(1)	0.1	0.1	.....	.....	.....	.....	.....

1 Less than one-tenth of 1 per cent.

TABLE 9.—SCHOOL ATTENDANCE.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	TOTAL.			NATIVE WHITE.						FOREIGN-BORN WHITE.					
	Attending school.			Native percentage.			Foreign or mixed percentage.			Attending school.					
	Number.	Number.	Per cent.	Number.	Number.	Per cent.	Number.	Number.	Per cent.	Number.	Number.	Per cent.			
THE STATE.															
6 to 20 years, inclusive	535,584	361,077	65.0	296,850	235,943	69.1	198,467	129,155	65.7	43,405	17,815	41.0			
Males	285,577	195,147	68.1	169,734	131,394	77.7	98,255	64,310	65.5	25,677	35,679	138.9			
Females	250,007	165,930	67.0	147,067	104,649	70.5	98,212	64,845	66.0	17,728	8,333	48.4			
6 to 9 years	159,630	109,378	78.3	79,183	62,168	78.5	49,265	39,302	79.8	7,928	5,222	65.8			
10 to 14 years	173,945	113,142	65.8	95,933	69,799	94.6	63,349	59,882	94.5	9,971	8,690	87.2			
15 to 17 years	112,010	65,013	58.9	59,166	38,372	64.9	41,659	23,196	55.7	7,538	2,583	34.3			
18 to 20 years	129,960	22,544	17.3	62,568	13,690	21.9	42,194	6,775	16.1	18,568	987	5.3			
Under 6 years	.....	6,788	.....	.....	3,905	.....	.....	2,427	.....	.....	.....	242			
21 years and over	.....	195,147	.....	.....	101,394	.....	.....	2,980	.....	.....	.....	1,146			
Total attending school	.....	377,660	.....	.....	214,266	.....	.....	133,972	.....	.....	.....	19,203			
URBAN POPULATION.															
6 to 14 years	177,631	137,330	88.6	94,247	83,592	88.7	67,965	60,786	89.4	11,143	9,478	85.1			
15 to 20 years	148,250	59,765	36.3	71,652	30,179	42.1	55,226	19,172	34.5	15,280	2,448	16.0			
RURAL POPULATION.															
6 to 14 years	135,953	115,190	84.7	80,899	69,393	85.8	44,649	38,398	85.6	6,156	4,767	77.4			
15 to 20 years	96,720	34,792	37.1	50,682	21,879	43.7	28,327	10,796	38.1	10,826	1,122	10.4			
NEGRO.															
AGE PERIOD.	Attending school.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.		
	Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	
THE STATE.															
6 to 20 years, inclusive	4,732	2,938	62.0	5,419	2,950	54.2	4,750	2,299	48.5	3,648	938	25.7	263	33	12.5
Males	2,271	1,359	59.8	2,723	1,522	55.9	3,778	1,647	43.6	2,842	695	23.4	258	28	10.9
Females	2,461	1,577	64.1	2,716	1,428	52.6	972	562	57.8	806	271	33.6	4	5	.....
6 to 9 years	1,112	902	81.1	1,543	758	49.1	640	383	59.8	565	289	51.2	3	3	.....
10 to 14 years	1,467	1,379	94.0	1,782	1,282	71.9	1,109	843	76.0	820	255	31.2	14	12	.....
15 to 17 years	957	596	62.3	1,089	667	60.3	1,244	583	46.6	314	111	35.4	43	8	.....
18 to 20 years	1,190	149	12.5	1,025	253	24.7	1,757	409	22.9	2,449	281	11.5	203	10	4.9
Under 6 years	.....	79	.....	.....	68	.....	.....	44	.....	.....	.....	.....	.....	.....	.....
21 years and over	.....	3,047	.....	.....	281	.....	.....	2,534	.....	.....	.....	.....	.....	.....	.....
Total attending school	.....	3,075	.....	.....	3,075	.....	.....	2,534	.....	.....	.....	.....	.....	.....	46
URBAN POPULATION.															
6 to 14 years	2,134	1,919	89.9	2,041	197	96.6	1,471	1,027	69.8	460	324	70.4	7	7	.....
15 to 20 years	1,892	535	29.7	370	327	88.4	2,198	779	35.4	1,886	318	22.9	36	7	.....
RURAL POPULATION.															
6 to 14 years	445	302	67.9	3,121	1,843	59.1	278	190	71.6	425	220	51.8	10	8	.....
15 to 20 years	351	120	34.2	1,744	583	33.4	803	304	23.4	1,377	74	5.4	210	11	5.2
INDIAN.															
CHINESE.															
JAPANESE.															
ALL OTHER.															

TABLE 10.—ILLITERATE PERSONS 10 YEARS OF AGE AND OVER.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.		CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
THE STATE.													
Total illiterate, 1910	74,892	3.7	47,574	4.2	27,328	3.1	Total illiterate, 1910	30,813	2.4	16,705	2.5	14,108	2.4
Native white	7,599	6.5	3,899	9.5	3,610	6.5	Native white	3,022	0.3	1,576	0.2	1,476	0.4
Native percentage	4,323	0.6	2,264	0.5	2,059	0.5	Native percentage	1,726	0.3	765	0.3	961	0.4
Foreign or mixed percentage	3,186	6.6	1,635	6.6	1,551	6.6	Foreign or mixed percentage	1,320	0.4	611	0.4	715	0.4
Foreign-born white	59,292	10.9	32,137	10.1	18,159	9.8	Foreign-born white	25,178	7.1	12,391	6.3	10,757	8.1
Negro	1,329	7.1	691	6.1	728	8.2	Negro	936	5.9	339	4.2	597	7.6
Indian	6,174	49.0	2,952	4.4	3,242	52.7	Indian	35	4.5	18	4.5	17	4.5
Chinese	5,355	15.5	4,495	14.0	869	35.1	Chinese	2,285	10.4	1,668	8.0	712	34.0
Japanese	3,297	8.6	2,567	7.7	730	15.7	Japanese	1,117	6.6	806	5.6	311	11.8
All other	946	4.2	943	42.9	3	.....	All other	110	29.4	107	30.7	3	.....
RURAL POPULATION.													
Total illiterate, 1900	58,599	4.8	36,444	5.3	22,155	4.2	Total illiterate, 1910	44,669	5.9	30,869	6.7	13,220	4.6
Native white	8,329	1.6	4,292	1.0	4,028	1.0	Native white	4,457	0.9	2,323	0.3	1,524	0.9
Native percentage	4,983	1.0	2,569	1.0	2,414	1.0	Native percentage	2,597	0.7	1,499	0.7	1,068	0.7
Foreign or mixed percentage	3,337	1.9	1,723	1.0	1,614	1.0	Foreign or mixed percentage	1,869	1.2	1,024	1.2	836	1.2
Foreign-born white	27,267	8.7	15,518	8.2	11,749	9.5	Foreign-born white	27,114	15.0	19,746	15.4	7,968	15.9
Negro	1,211	12.4	574	12.1	637	14.8	Negro	938	14.0	262	14.4	311	13.1
Indian	7,709	65.3	3,744	63.3	3,966	67.2	Indian	6,139	51.9	2,914	45.1	3,225	55.9
Chinese	12,858	28.3	10,544	25.2	2,314	73.6	Chinese	2,979	23.3	2,827	24.9	143	41.2
Japanese	2,189	19.7	1,862	19.5	327	22.2	Japanese	2,189	19.3	1,701	9.2	419	20.8
All other	1,973	19.7	1,862	19.5	111	22.2	All other	836	44.9	836	45.1	.....	.....

# STATISTICS OF POPULATION.

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**TABLE 11.—MARITAL CONDITION OF PERSONS 15 YEARS OF AGE AND OVER.**

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.					
	Single.		Married.		Wid- owed.	Di- voiced.	Single.		Married.		Wid- owed.	Di- voiced.
	Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.		
<b>THE STATE.</b>												
<b>Total 1910</b> .....	<b>1,047,593</b>	<b>496,282</b>	<b>45.8</b>	<b>495,338</b>	<b>47.3</b>	<b>46,423</b>	<b>10.784</b>	<b>786,160</b>	<b>219,546</b>	<b>27.9</b>	<b>459,147</b>	<b>58.4</b>
<i>Total 1900</i> .....	<i>653,749</i>	<i>304,284</i>	<i>46.6</i>	<i>350,007</i>	<i>53.6</i>	<i>29,758</i>	<i>4.608</i>	<i>471,514</i>	<i>145,254</i>	<i>31.0</i>	<i>259,567</i>	<i>55.2</i>
15 to 19 years.....	102,000	101,069	99.0	611	0.6	11	1.0	19,434	85,571	95.5	5,867	3.1
20 to 24 years.....	107,466	108,792	89.8	19,403	14.8	235	2.12	103,637	32,620	31.1	48,659	47.2
25 to 34 years.....	273,282	139,726	51.0	125,979	46.0	2,689	2.04	183,500	43,717	23.1	143,530	72.4
35 to 44 years.....	215,624	62,925	29.2	141,852	65.4	6,167	3.117	159,451	29,117	12.6	123,077	77.2
45 years and over.....	318,284	62,729	20.0	203,393	65.2	37,229	11.7	229,814	15,569	6.8	134,772	58.4
Age unknown.....	6,739	1,614	24.0	670	9.9	95	1.9	1,622	461	28.4	622	38.3
<b>Native white:</b>												
Native white.....	429,129	184,243	42.9	213,416	49.7	20,196	5,481	368,388	105,639	28.7	212,375	57.6
15 to 24 years.....	107,466	96,247	89.6	16,210	15.1	115	1.05	100,531	70,657	70.3	28,853	28.5
25 to 44 years.....	188,650	69,403	35.8	113,310	60.1	3,755	2.02	128,727	27,744	17.5	110,148	75.1
45 years and over.....	129,964	17,819	13.7	89,961	68.9	16,285	2,676	108,249	6,646	6.4	64,263	59.4
Foreign or mixed parentage.....	222,607	118,588	53.3	94,437	42.4	6,840	3.063	216,650	81,054	37.4	115,839	53.5
15 to 24 years.....	67,482	62,609	92.9	4,521	6.7	65	0.09	69,188	52,408	75.8	16,077	23.2
25 to 44 years.....	107,841	45,033	41.8	52,210	51.9	2,010	1,873	106,985	25,785	23.1	75,017	70.1
45 years and over.....	47,079	10,743	22.8	36,617	65.0	4,722	9.98	40,227	3,794	9.4	24,639	61.2
<b>Foreign-born white:</b>												
Foreign-born white.....	314,192	132,118	42.1	156,393	49.8	17,289	5,568	181,149	78,778	43.5	117,950	65.1
15 to 24 years.....	42,621	37,705	88.5	4,089	9.6	47	0.11	22,652	11,792	53.0	10,044	43.5
25 to 44 years.....	101,422	67,433	66.5	77,261	76.0	2,404	2,404	91,7	12,251	13.6	64,343	78.7
45 years and over.....	118,049	26,474	22.4	74,804	63.4	14,805	1,917	76,985	4,644	6.0	43,413	56.4
<b>Negro:</b>												
Negro.....	9,183	3,975	43.3	4,494	48.9	538	5.8	8,049	1,909	23.7	4,489	55.8
15 to 24 years.....	1,982	1,705	86.0	236	12.0	0	0	1,173	1,254	63.6	647	32.8
25 to 44 years.....	4,693	1,797	38.3	2,638	56.2	179	6.9	4,056	543	13.4	2,855	70.4
45 years and over.....	2,473	458	18.5	1,604	64.9	346	49	1,972	104	5.3	969	49.1
<b>Indian:</b>												
Indian.....	5,584	2,063	37.1	2,794	50.3	589	65	2,700	1,191	22.6	3,109	59.2
15 to 24 years.....	1,561	1,533	98.2	178	11.4	5	0.3	1,466	957	65.9	418	31.9
25 to 44 years.....	2,947	1,348	45.8	1,312	44.5	13	0.4	2,098	208	10.0	1,588	75.8
45 years and over.....	1,904	156	8.2	1,285	67.5	437	17	1,818	42	2.3	1,161	60.6
<b>Chinese:</b>												
Chinese.....	31,337	14,751	47.1	13,997	44.7	628	2.0	2,110	450	21.3	1,455	69.0
15 to 24 years.....	4,309	3,855	89.5	421	9.8	.....	.....	602	318	52.8	276	43.8
25 to 44 years.....	9,470	4,044	42.6	4,202	44.4	99	1.0	1,061	186	16.0	881	83.0
45 years and over.....	16,987	6,826	40.2	8,295	51.6	529	3.1	4,38	21	4.8	298	68.9
<b>Japanese:</b>												
Japanese.....	33,312	23,154	69.5	9,320	28.0	324	45	4,510	522	11.6	3,916	86.8
15 to 24 years.....	7,694	6,794	88.3	251	3.3	1	0.01	1,280	235	18.4	1,040	81.3
25 to 44 years.....	23,820	15,500	65.1	7,000	33.2	232	35	3,095	275	8.9	2,778	89.8
45 years and over.....	1,922	667	34.7	1,143	59.5	88	9	117	7	6.0	87	74.4
<b>All other:</b>												
All other.....	2,189	1,400	64.0	687	31.4	58	2.6	34	3	.....	24	.....
15 to 24 years.....	453	369	81.4	111	18.5	3	0.7	2	2	.....	2	.....
25 to 44 years.....	1,363	843	61.8	478	35.1	32	2.3	26	2	.....	20	.....
45 years and over.....	212	90	42.5	97	45.8	24	1.1	6	1	.....	2	.....
<b>URBAN POPULATION.</b>												
<b>Total</b> .....	<b>626,651</b>	<b>271,632</b>	<b>43.3</b>	<b>310,425</b>	<b>49.3</b>	<b>26,215</b>	<b>6.929</b>	<b>334,788</b>	<b>157,895</b>	<b>29.5</b>	<b>296,975</b>	<b>55.5</b>
15 to 24 years.....	137,775	123,104	89.4	12,775	9.3	154	1.05	131,639	95,715	71.8	36,342	27.6
25 to 44 years.....	302,012	117,225	38.8	170,447	56.5	5,890	3,741	246,630	51,837	21.0	174,853	70.9
45 years and over.....	196,864	39,170	19.9	128,606	64.6	20,698	10,605	155,314	11,973	7.7	83,891	55.0
Age unknown.....	4,966	1,943	21.0	397	8.0	63	1.2	1,203	368	30.6	427	35.5
<b>Native white—Native parentage:</b>												
Native white—Native parentage.....	249,201	103,683	41.6	127,926	51.3	10,562	3,352	236,212	71,819	30.4	128,240	54.3
Native white—Foreign or mixed par- entage.....	146,715	75,472	51.4	65,160	44.4	4,122	1,731	157,138	66,182	38.3	81,359	51.8
Foreign-born white.....	188,144	79,523	42.3	99,600	53.0	10,636	1,704	129,598	25,187	17.9	79,987	61.7
<b>Negro:</b>												
Negro.....	7,515	3,087	41.1	3,883	51.7	412	95	7,170	1,688	23.5	3,985	55.6
15 to 24 years.....	307	256	83.4	44	14.3	6	1	293	222	75.8	56	19.1
25 to 44 years.....	20,106	8,190	40.7	9,753	48.5	363	6	7,498	395	5.3	49,239	68.5
45 years and over.....	14,219	9,946	69.9	3,916	27.3	30	0.2	2,542	399	15.7	1,092	43.0
All other.....	344	175	50.9	141	41.0	16	4.6	24	.....	.....	27	.....
<b>RURAL POPULATION.</b>												
<b>Total</b> .....	<b>420,942</b>	<b>208,669</b>	<b>49.6</b>	<b>185,113</b>	<b>44.0</b>	<b>26,208</b>	<b>3,868</b>	<b>251,374</b>	<b>61,651</b>	<b>24.5</b>	<b>162,192</b>	<b>64.5</b>
15 to 24 years.....	95,289	87,407	91.9	7,239	7.6	92	0.7	85,452	43,976	67.2	20,844	31.9
25 to 44 years.....	187,944	85,476	45.6	96,714	51.6	3,456	1,470	111,003	13,997	12.6	91,742	82.6
45 years and over.....	126,289	35,566	28.2	80,857	64.6	16,628	2,330	74,898	3,585	4.8	49,391	66.0
Age unknown.....	1,773	517	29.2	273	15.4	32	7	419	93	22.2	195	46.5
<b>Native white—Native parentage:</b>												
Native white—Native parentage.....	179,928	80,560	44.8	85,490	47.5	6,324	3,522	132,176	33,820	25.6	84,135	63.7
Native white—Foreign or mixed par- entage.....	75,862	43,116	56.7	29,277	38.5	2,688	762	95,512	20,872	35.1	34,480	37.9
Foreign-born white.....	126,048	48,296	38.3	57,733	45.1	6,653	864	61,551	5,591	10.8	37,963	72.6
<b>Negro:</b>												
Negro.....	1,668	888	53.2	611	36.6	126	28	879	221	25.1	504	57.3
<b>Indian:</b>												
Indian.....	5,247	1,807	34.4	2,750	52.4	64	1.2	4,977	969	19.5	3,063	61.5
<b>Chinese:</b>												
Chinese.....	11,231	6,361	56.4	4,242	37.8	265	2.4	3,041	52	1.7	216	71.8
<b>Japanese:</b>												
Japanese.....	15,088	9,594	63.6	5,404	36.0	10	0.07	1,868	123	6.6	1,872	100.0
All other.....	1,845	1,225	66.4	546	29.6	42	2.3	10	3	.....	7	.....

<sup>1</sup>Total includes persons whose marital condition is unknown.

<sup>2</sup>Totals include persons of unknown age.

TABLE 12.—FOREIGN WHITE STOCK, BY NATIONALITY, FOR CITIES OF 100,000 OR MORE.

FOREIGN COUNTRY IN WHICH BORN, OR IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						For- eign- born popu- lation 1900	FOREIGN COUNTRY IN WHICH BORN, OR IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						For- eign- born white popu- lation 1900
	Total.		Foreign born.		Native.				Total.		Foreign born.		Native.		
	Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.			Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.	
<b>LOS ANGELES.</b>															
All countries.....	135,340	100.0	69,584	100.0	45,715	29,941	17,917	Ireland.....	12,854	9.5	3,477	6.4	5,209	3,718	1,720
Australia.....	325	0.2	239	0.4	13	92	77	Italy.....	6,461	4.8	3,802	6.3	2,289	370	763
Austria.....	3,637	2.7	2,510	4.1	742	385	353	Mexico.....	8,917	6.6	5,611	9.3	2,289	1,011	816
Canada—French.....	1,236	1.0	922	1.0	293	455	213	Norway.....	1,943	1.4	1,032	1.7	636	281	163
Canada—Other.....	14,574	10.8	7,657	12.6	1,760	5,157	2,675	Portugal.....	333	0.2	128	0.2	129	78	22
Denmark.....	2,940	1.5	1,095	1.8	598	346	239	Russia.....	7,478	5.5	4,788	7.9	2,466	314	293
England.....	18,929	12.5	7,375	12.5	3,607	5,738	3,016	Scotland.....	3,900	2.9	1,389	2.6	942	1,369	573
Finland.....	332	0.2	261	0.4	58	13	10	Spain.....	759	0.6	384	0.6	211	164	99
France.....	4,428	3.0	1,914	3.2	1,153	659	993	Sweden.....	6,150	4.5	3,414	5.6	2,004	732	808
Germany.....	28,524	21.1	6,683	16.0	12,494	6,414	4,032	Switzerland.....	1,600	1.2	828	1.4	419	443	379
Greece.....	420	0.3	361	0.6	20	39	20	Turkey.....	704	0.5	565	0.8	178	21	13
Holland.....	808	0.6	498	0.7	218	182	88	Wales.....	1,155	0.9	414	0.7	308	373	156
Hungary.....	1,136	0.8	819	1.4	269	57	69	All other.....	8,899	6.6	1,475	1.9	17,356	329	347
<b>OAKLAND.</b>															
All countries.....	86,758	100.0	36,332	100.0	32,949	16,987	16,223	Ireland.....	12,411	14.3	4,160	11.3	5,428	2,825	3,197
Australia.....	414	0.5	311	0.6	163	38	291	Italy.....	6,447	7.4	3,300	10.3	2,228	419	613
Austria.....	636	0.7	462	1.1	21	208	151	Mexico.....	458	0.5	249	0.7	100	109	93
Canada—French.....	1,829	2.1	1,267	3.4	365	197	177	Norway.....	1,820	2.1	996	2.7	566	258	344
Canada—Other.....	6,016	6.7	2,415	6.7	117	224	223	Portugal.....	8,319	9.6	3,307	9.1	3,999	948	1,018
Denmark.....	6,235	7.2	2,881	7.8	871	2,453	1,538	Russia.....	1,317	1.5	799	2.2	441	77	175
England.....	2,627	3.0	1,461	4.0	801	305	574	Scotland.....	3,044	3.5	1,222	3.6	771	951	703
Finland.....	8,990	10.4	3,707	10.1	2,135	3,148	2,025	Spain.....	240	0.3	101	0.3	60	73	28
France.....	469	0.5	319	0.9	139	24	40	Sweden.....	4,134	4.8	2,337	6.3	1,396	402	994
Germany.....	2,346	2.7	1,294	3.3	690	452	407	Switzerland.....	1,228	1.4	618	1.7	371	236	285
Greece.....	14,660	16.9	5,475	14.9	6,150	3,067	2,750	Turkey.....	158	0.2	112	0.3	34	12	5
Holland.....	517	0.6	479	1.3	30	17	16	Wales.....	638	0.7	287	0.7	174	197	134
Hungary.....	368	0.4	248	0.7	103	17	128	All other.....	16,544	7.5	837	1.9	5,642	264	287
<b>SAN FRANCISCO.</b>															
All countries.....	284,655	100.0	130,874	100.0	107,293	46,488	104,264	Ireland.....	66,784	23.5	23,151	17.7	31,292	12,371	15,061
Atlantic islands.....	261	0.1	136	0.1	83	42	83	Italy.....	29,081	10.2	16,918	12.9	16,206	1,927	7,568
Australia.....	2,222	0.8	1,347	1.0	94	781	1,665	Mexico.....	2,807	1.0	1,763	1.3	568	476	1,439
Austria.....	7,167	2.5	4,641	3.5	1,674	832	2,969	Norway.....	5,183	1.8	3,789	2.9	966	450	2,142
Canada—French.....	1,064	0.4	474	0.4	227	363	429	Portugal.....	1,354	0.5	570	0.4	573	211	529
Canada—Other.....	11,680	4.1	5,987	4.3	1,685	4,308	4,761	Russia.....	7,410	2.6	4,640	3.5	2,185	585	2,079
Denmark.....	4,818	1.7	3,118	2.4	1,125	575	2,179	Scotland.....	7,120	2.5	3,688	2.8	1,572	1,880	3,000
England.....	20,455	7.2	9,815	7.5	4,232	6,405	8,953	Spain.....	1,720	0.6	1,170	0.9	341	409	333
Finland.....	2,411	0.8	1,846	1.4	509	26	935	Sweden.....	10,593	3.7	6,969	5.3	2,707	863	5,246
France.....	10,337	3.6	6,244	4.8	2,687	1,428	4,867	Switzerland.....	4,416	1.6	2,587	2.0	1,245	584	2,085
Germany.....	59,401	20.9	24,137	18.4	24,753	10,511	35,403	Turkey.....	862	0.3	722	0.6	117	23	117
Greece.....	2,418	0.8	2,274	1.7	119	25	199	Wales.....	1,069	0.4	401	0.3	292	373	386
Holland.....	833	0.3	560	0.4	169	174	244	All other.....	121,350	7.5	3,980	2.4	17,455	815	2,119
Hungary.....	1,811	0.6	1,247	1.0	394	170	312								

<sup>1</sup> Includes native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

STATISTICS OF POPULATION.

TABLE 13.—AGE, FOR CITIES OF 100,000 OR MORE.

AGE PERIOD.	TOTAL.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.		INDIAN.		CHINESE.		JAPANESE.		ALL OTHER.		
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
<b>Los Angeles.</b>	<b>162,669</b>	<b>156,589</b>	<b>120,327</b>	<b>124,386</b>	<b>33,275</b>	<b>27,409</b>	<b>3,662</b>	<b>3,917</b>	<b>38</b>	<b>45</b>	<b>1,788</b>	<b>186</b>	<b>3,546</b>	<b>692</b>	<b>15</b>	<b>4</b>	
Under 5 years.....	11,508	11,309	10,708	10,605	268	267	283	294	4	1	43	30	130	115	.....	.....	
Under 1 year.....	2,484	2,314	2,369	2,195	26	19	59	55	.....	.....	1	8	5	3	.....	.....	
5 to 9 years.....	15,981	16,013	9,201	9,299	104	67	432	372	3	3	28	9	28	25	.....	.....	
10 to 14 years.....	10,420	10,579	9,300	9,428	809	834	253	284	1	1	38	10	19	16	.....	.....	
15 to 19 years.....	12,553	13,063	10,575	11,486	1,412	1,149	280	364	3	9	97	13	183	52	3	.....	
20 to 24 years.....	15,981	16,013	12,032	13,087	2,359	3,043	436	436	1	9	82	13	717	140	1	.....	
25 to 34 years.....	35,593	33,350	24,707	24,903	8,028	6,243	844	890	19	15	228	28	1,758	270	9	1	
35 to 44 years.....	27,580	26,282	18,690	19,367	7,240	6,093	677	662	3	2	379	24	590	73	1	1	
45 to 64 years.....	31,064	29,635	20,006	20,673	9,757	7,533	655	589	1	5	831	12	114	12	.....	.....	
65 years and over.....	7,635	7,804	4,902	5,395	2,599	2,317	93	91	.....	.....	40	1	1	.....	.....	.....	
Age unknown.....	190	200	116	143	54	35	9	18	.....	.....	2	.....	9	4	.....	.....	
<b>Oakland.</b>	<b>78,222</b>	<b>71,932</b>	<b>51,498</b>	<b>53,638</b>	<b>19,868</b>	<b>1,614</b>	<b>1,441</b>	<b>8</b>	<b>12</b>	<b>3,088</b>	<b>523</b>	<b>1,151</b>	<b>389</b>	<b>13</b>	<b>1</b>	<b>1</b>	
Under 5 years.....	6,333	6,192	6,055	5,857	102	38	107	109	1	.....	65	63	80	.....	.....	.....	
Under 1 year.....	1,331	1,358	1,264	1,179	5	.....	.....	.....	.....	.....	12	13	23	.....	.....	.....	
5 to 9 years.....	5,225	5,359	4,823	4,891	301	294	97	86	.....	.....	1	80	61	24	17	.....	
10 to 14 years.....	5,124	5,344	4,639	4,888	319	345	53	78	.....	.....	1	102	79	9	1	.....	
15 to 19 years.....	5,969	6,339	5,093	5,671	539	501	94	107	.....	.....	1	201	45	63	14	.....	
20 to 24 years.....	7,578	7,519	5,299	6,027	1,644	1,220	173	147	.....	.....	1	1	220	54	240	7	
25 to 34 years.....	16,436	14,377	10,317	10,311	5,094	3,292	420	335	.....	.....	2	5	386	84	454	130	7
35 to 44 years.....	13,226	11,960	7,315	7,256	4,682	3,431	236	271	1	2	668	67	231	42	3	1	
45 to 64 years.....	14,440	12,043	6,609	6,825	4,908	294	233	1	3	1,268	67	63	5	1	.....	.....	
65 years and over.....	3,627	3,705	1,569	1,776	1,951	1,869	49	32	.....	.....	1	.....	86	7	1	.....	
Age unknown.....	53	53	21	16	18	5	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	
<b>San Francisco.</b>	<b>236,961</b>	<b>180,011</b>	<b>141,834</b>	<b>137,306</b>	<b>80,395</b>	<b>46,879</b>	<b>1,025</b>	<b>617</b>	<b>28</b>	<b>18</b>	<b>9,233</b>	<b>1,347</b>	<b>3,675</b>	<b>843</b>	<b>109</b>	<b>1</b>	
Under 5 years.....	14,866	14,312	14,234	13,714	274	32	49	2	.....	.....	22	139	127	154	.....	.....	
Under 1 year.....	3,169	2,984	3,086	2,914	18	12	11	11	.....	.....	.....	19	14	33	33	.....	
5 to 9 years.....	12,522	12,386	11,410	11,399	382	758	34	27	.....	.....	2	1	132	154	42	47	
10 to 14 years.....	12,379	12,443	11,076	11,282	932	967	28	37	.....	.....	1	297	236	24	.....	.....	
15 to 19 years.....	16,871	15,594	13,793	13,782	2,083	1,643	63	44	.....	.....	2	3	738	112	185	40	
20 to 24 years.....	20,670	20,419	16,897	15,662	2,418	4,408	120	75	.....	.....	6	5	848	167	702	162	19
25 to 34 years.....	38,547	39,596	32,545	27,428	5,817	11,429	331	276	.....	.....	6	8	1,475	284	1,540	304	43
35 to 44 years.....	43,254	28,745	22,256	18,005	18,341	10,274	195	114	.....	.....	2	2	1,764	196	669	93	27
45 to 64 years.....	40,345	28,786	16,157	13,781	21,913	14,555	156	88	.....	.....	6	1	2,601	150	143	28	12
65 years and over.....	8,270	7,758	2,152	2,277	5,282	5,446	41	21	.....	.....	.....	.....	93	12	.....	.....	
Age unknown.....	3,479	459	1,314	280	844	124	5	3	.....	.....	.....	.....	1,104	7	212	5	.....

TABLE 14.—AGE, FOR CITIES OF 25,000 TO 100,000.

AGE PERIOD.	TOTAL.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.		INDIAN, CHINESE, JAPANESE, AND ALL OTHER.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
<b>Berkeley.</b>	<b>19,518</b>	<b>20,916</b>	<b>14,514</b>	<b>16,828</b>	<b>3,936</b>	<b>3,717</b>	<b>102</b>	<b>145</b>	<b>98</b>	<b>226</b>
Under 5 years.....	1,646	1,590	1,574	1,531	28	16	9	6	35	37
Under 1 year.....	364	361	354	288	.....	.....	.....	.....	1	10
5 to 9 years.....	1,385	1,459	1,311	1,375	15	47	61	12	9	15
10 to 14 years.....	1,546	1,549	1,447	1,439	67	81	10	15	22	14
15 to 19 years.....	1,852	1,947	1,662	1,774	120	139	11	11	39	23
20 to 24 years.....	2,040	2,203	1,594	1,832	391	315	8	14	207	17
25 to 34 years.....	3,699	3,912	2,511	3,044	853	767	14	37	321	64
35 to 44 years.....	4,910	3,288	1,920	2,448	821	790	18	25	152	25
45 to 64 years.....	3,524	2,840	2,047	2,537	1,350	1,150	17	22	110	5
65 years and over.....	865	1,115	4,72	716	386	391	2	1	6	5
Age unknown.....	19	13	.....	.....	.....	.....	.....	.....	.....	.....
<b>Pasadena.</b>	<b>13,684</b>	<b>16,607</b>	<b>11,074</b>	<b>13,819</b>	<b>1,939</b>	<b>2,568</b>	<b>342</b>	<b>402</b>	<b>329</b>	<b>28</b>
Under 5 years.....	1,042	965	963	955	24	24	.....	.....	.....	.....
Under 1 year.....	203	214	196	203	3	.....	.....	.....	4	3
5 to 9 years.....	984	1,009	917	955	34	31	31	22	2	1
10 to 14 years.....	999	1,117	946	1,039	27	46	25	11	1	1
15 to 19 years.....	1,147	1,241	1,042	1,151	61	54	27	33	17	3
20 to 24 years.....	1,136	1,339	935	1,169	110	142	20	24	71	4
25 to 34 years.....	2,216	2,216	1,461	2,292	377	332	65	81	123	9
35 to 44 years.....	2,058	2,777	1,525	2,114	415	583	72	79	46	1
45 to 64 years.....	2,893	3,207	2,154	3,047	611	682	68	77	60	1
65 years and over.....	1,160	1,273	882	1,008	209	258	9	17	6	8
Age unknown.....	49	33	28	19	11	6	.....	.....	.....	.....
<b>Sacramento.</b>	<b>25,332</b>	<b>19,364</b>	<b>17,183</b>	<b>15,437</b>	<b>5,713</b>	<b>3,172</b>	<b>270</b>	<b>216</b>	<b>2,166</b>	<b>359</b>
Under 5 years.....	1,574	1,506	1,477	1,421	15	22	15	67	49	.....
Under 1 year.....	348	331	331	301	1	1	.....	.....	3	.....
5 to 9 years.....	1,339	1,304	1,234	1,212	51	49	12	12	42	31
10 to 14 years.....	1,386	1,347	1,270	1,252	64	57	11	16	41	22
15 to 19 years.....	1,805	1,825	1,653	1,711	135	125	65	81	67	44
20 to 24 years.....	2,650	2,290	1,823	1,917	359	264	19	26	249	53
25 to 34 years.....	6,343	3,989	3,940	3,183	1,638	652	70	35	695	109
35 to 44 years.....	4,811	3,888	2,911	3,664	1,258	635	60	45	467	44
45 to 64 years.....	4,561	3,017	2,554	2,049	1,525	932	50	35	432	10
65 years and over.....	969	905	471	477	453	441	11	6	34	1
Age unknown.....	32	23	28	19	2	4	.....	.....	.....	.....

## SUPPLEMENT FOR CALIFORNIA.

TABLE 14.—AGE, FOR CITIES OF 25,000 TO 100,000—Continued.

AGE PERIOD.	TOTAL.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.		INDIAN, CHINESE, JAPANESE, AND ALL OTHER.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
	<b>San Diego.</b>	<b>20,726</b>	<b>18,852</b>	<b>15,658</b>	<b>15,431</b>	<b>4,260</b>	<b>3,085</b>	<b>300</b>	<b>297</b>	<b>478</b>
Under 5 years.....	1,369	1,320	1,320	1,320	29	37	15	14	5	3
Under 1 year.....	282	270	277	264	3	2			2	1
5 to 9 years.....	1,327	1,302	1,213	1,174	102	107	10	17	4	4
10 to 14 years.....	1,300	1,269	1,215	1,237	88	112	17	17	10	3
15 to 19 years.....	1,553	1,579	1,347	1,416	165	123	38	29	23	2
20 to 24 years.....	1,782	1,810	1,465	1,540	310	225	28	49	30	5
25 to 34 years.....	3,502	3,216	2,654	2,508	789	579	64	66	94	12
35 to 44 years.....	4,154	2,855	2,167	2,281	811	618	65	50	91	6
45 to 64 years.....	4,502	3,911	2,988	2,888	1,368	971	60	50	176	2
65 years and over.....	1,741	1,347	1,134	998	583	335	12	14	12	1
Age unknown.....	286	83	225	63	24	19	11	26	1	
<b>San Jose.</b>	<b>14,389</b>	<b>14,547</b>	<b>10,665</b>	<b>11,740</b>	<b>3,222</b>	<b>2,585</b>	<b>83</b>	<b>99</b>	<b>589</b>	<b>123</b>
Under 5 years.....	1,154	1,102	1,121	1,057	17	18	6	9	10	18
Under 1 year.....	250	230	247	223	3	3			1	3
5 to 9 years.....	1,059	1,032	963	976	51	40	4	6	11	11
10 to 14 years.....	1,036	1,081	957	1,013	65	61	4	2	10	5
15 to 19 years.....	1,182	1,368	1,037	1,259	99	99	2	4	24	6
20 to 24 years.....	1,234	1,476	949	1,253	232	209	4	15	49	19
25 to 34 years.....	2,564	2,564	1,818	2,064	630	430	15	21	121	44
35 to 44 years.....	2,296	2,233	1,503	1,696	650	501	18	15	125	21
45 to 64 years.....	2,805	2,696	1,615	1,876	1,057	794	26	23	197	3
65 years and over.....	953	896	698	553	429	429	4	4	22	4
Age unknown.....	26	15	14	11	2	4			10	

TABLE 15.—SEX, FOR CITIES OF 25,000 OR MORE.

CITY.	1910			1900			1910			1900			
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	
	Berkeley.....	19,518	20,916	93.3	6,419	6,795	94.5	Sacramento.....	25,232	19,364	130.8	15,747	13,533
Los Angeles.....	162,069	156,529	103.9	50,519	51,960	97.2	San Diego.....	20,726	18,852	109.9	8,779	8,921	98.4
Oakland.....	78,222	71,652	108.7	32,921	34,649	96.7	San Francisco.....	236,901	180,011	131.6	184,866	157,956	117.1
Pasadena.....	13,684	16,167	82.4	4,073	5,099	80.7	San Jose.....	14,389	14,547	99.0	10,215	11,887	90.5

TABLE 16.—MARITAL CONDITION, FOR CITIES OF 25,000 OR MORE.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.							
	Total <sup>1</sup>	Single.		Married.		Wid-owed.	Di-voiced.	Total <sup>1</sup>	Single.		Married.		Wid-owed.	Di-voiced.
		Num-ber.	Per cent.	Num-ber.	Per cent.				Num-ber.	Per cent.	Num-ber.	Per cent.		
<b>Berkeley</b>														
Total.....	14,941	6,059	40.8	8,253	55.2	501	84	16,318	5,535	33.9	7,989	48.8	8,245	503
15 to 24 years.....	3,892	3,026	77.8	2,279	7.1	1	3	4,150	3,299	79.5	813	19.6	9	22
25 to 44 years.....	6,610	2,054	31.1	4,397	66.5	96	49	7,200	1,832	25.4	4,559	63.3	347	457
45 years and over.....	4,389	375	8.5	3,573	81.4	403	32	4,852	402	8.1	2,579	52.9	1,888	84
Age unknown.....	10	4		1		1		13	2		8			
Native white—Native parentage.....	6,471	2,603	40.2	3,598	55.6	210	45	7,807	2,808	36.0	3,339	42.8	1,179	474
Native white—Foreign or mixed parentage.....	3,711	1,863	50.3	1,735	46.8	80	21	4,676	1,890	40.4	2,307	49.3	419	54
Foreign-born white.....	3,794	985	26.0	2,576	67.9	204	15	3,559	772	21.7	2,127	59.8	629	29
Negro.....	71	27		2		1		115	41	35.7	32		17	5
Chinese.....	372	237	63.7	151	35.2	1		28	16		10		2	
Japanese.....	493	333	67.5	153	31.0	4		9	134	6	4.6	124	94.7	1
All other.....	29	9		20										
<b>Los Angeles</b>														
Total.....	130,536	51,501	39.5	71,807	55.0	5,559	1,443	124,238	35,307	28.4	70,835	56.8	18,544	1,728
15 to 24 years.....	28,534	25,110	88.0	3,286	11.5	42	34	29,087	20,052	68.9	8,701	29.9	168	145
25 to 44 years.....	63,173	21,497	34.0	39,685	62.7	1,216	773	58,062	12,369	21.1	41,590	70.5	3,827	1,072
45 years and over.....	38,639	4,839	12.5	28,845	74.7	4,290	632	36,439	2,842	7.8	20,571	56.5	12,514	504
Age unknown.....	190	35	28.9	71	37.4	11	2	600	64	32.0	73	36.5	35	7
Native white—Native parentage.....	66,333	25,646	38.7	36,737	55.4	2,947	886	66,567	19,186	28.8	37,059	55.7	9,170	1,090
Native white—Foreign or mixed parentage.....	24,685	11,249	45.5	12,296	50.3	756	245	28,499	10,325	36.2	15,149	53.2	2,633	368
Foreign-born white.....	31,944	10,647	33.3	18,855	59.9	1,670	273	25,259	5,018	19.7	10,108	63.1	4,157	221
Negro.....	2,921	1,002	34.8	1,747	59.8	144	25	3,070	668	21.8	1,783	58.1	568	47
Indian.....	27	17		10		40		24	15		15		1	
Chinese.....	1,679	555	33.1	1,089	64.9	24		91	15		68		7	1
Japanese.....	3,372	2,387	70.8	935	27.7	18	12	531	31	13.4	452	85.7	7	
All other.....								3						2

<sup>1</sup> Total includes persons whose marital condition is unknown.

STATISTICS OF POPULATION.

TABLE 16.—MARITAL CONDITION, FOR CITIES OF 25,000 OR MORE—Continued.

[Percent not shown where base is less than 100.]

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.					FEMALES 15 YEARS OF AGE AND OVER.								
	Total. <sup>1</sup>	Single.		Married.		Wid- owed.	Di- vorced.	Total. <sup>1</sup>	Single.		Married.		Wid- owed.	Di- vorced.
		Num- ber.	Per cent.	Num- ber.	Per cent.				Num- ber.	Per cent.	Num- ber.	Per cent.		
<b>Oakland</b>														
Total.....	61,390	24,891	40.6	32,761	53.4	2,968	678	55,066	15,423	28.0	31,310	56.9	7,664	322
15 to 24 years.....	13,968	12,204	89.9	1,313	9.7	9	18	13,858	9,737	70.3	3,960	28.6	54	84
25 to 44 years.....	29,662	10,128	34.1	18,505	62.4	467	368	25,437	4,631	18.2	18,355	74.0	1,460	501
45 years and over.....	18,067	2,543	14.1	12,923	71.4	2,691	289	15,748	1,050	6.7	8,596	53.9	5,944	237
Age unknown.....	53	16		34		1		23	5		9			
Native white—Native parentage.....	19,751	7,563	38.3	11,030	55.8	850	287	19,491	5,720	29.0	10,782	54.8	2,786	384
Native white—Foreign or mixed parentage.....	16,228	8,446	52.0	7,193	44.3	394	185	18,361	7,060	38.5	9,630	52.4	1,383	276
Foreign-born white.....	20,132	6,639	33.0	12,104	60.1	1,179	184	15,246	2,302	15.1	9,762	64.2	3,017	133
Negro.....	1,357	617	45.3	650	47.9	72	17	1,468	241	16.6	665	45.6	231	29
Indian.....	6	2		2				11	3		5		3	
Chinese.....	2,839	929	32.7	1,419	50.0	65	1	325	61	18.8	222	68.3	40	
Japanese.....	1,053	686	65.0	361	34.1	6		293	36	12.7	223	84.3	4	
All other.....	12	9		3				1						
<b>Pasadena</b>														
Total.....	10,659	3,588	33.6	6,387	59.9	599	53	12,484	4,598	34.1	6,642	49.3	2,101	121
15 to 24 years.....	2,283	2,098	92.6	206	9.0	1	2	2,580	2,062	79.9	493	19.1	15	7
25 to 44 years.....	4,274	1,199	28.1	2,968	69.0	148	16	5,691	1,821	32.0	3,869	61.0	337	61
45 years and over.....	4,063	297	7.3	3,266	80.6	448	37	5,180	708	13.7	2,669	51.5	1,747	52
Age unknown.....	49	22		7		2		33	7		11		4	
Native white—Native parentage.....	6,426	2,071	32.2	3,903	60.7	398	36	8,304	2,755	33.2	4,105	49.4	1,355	78
Native white—Foreign or mixed parentage.....	1,801	740	41.1	995	55.2	55	11	2,386	1,067	41.3	1,131	48.4	291	24
Foreign-born white.....	1,854	578	31.2	1,251	67.5	130	7	2,257	708	31.4	1,139	50.5	391	13
Negro.....	257	69	26.8	170	66.1	14	1	319	65	20.4	133	57.4	63	6
Indian.....														
Chinese.....	100	72	72.0	28	28.0			1	1		2			
Japanese.....	221	176	79.6	40	18.1	2		15	2		12		1	
<b>Sacramento</b>														
Total.....	21,033	10,988	48.0	9,954	45.9	852	305	15,207	4,283	28.2	8,612	56.6	2,013	287
15 to 24 years.....	4,455	3,983	89.4	451	10.1	7	7	4,985	2,735	66.5	1,524	32.2	19	35
25 to 44 years.....	11,016	4,859	44.1	5,694	51.7	218	179	7,177	1,817	25.4	5,268	73.4	413	174
45 years and over.....	5,530	1,232	22.3	3,439	63.3	657	120	3,922	245	6.2	2,018	51.5	1,579	77
Age unknown.....	52	12		12				25	6		12		2	1
Native white—Native parentage.....	8,035	3,679	45.8	3,855	47.7	349	154	6,661	2,061	30.9	3,628	54.5	813	154
Native white—Foreign or mixed parentage.....	1,801	740	41.1	995	55.2	55	11	2,386	1,067	41.3	1,131	48.4	291	24
Foreign-born white.....	1,854	578	31.2	1,251	67.5	130	7	2,257	708	31.4	1,139	50.5	391	13
Negro.....	257	69	26.8	170	66.1	14	1	319	65	20.4	133	57.4	63	6
Indian.....														
Chinese.....	924	405	43.9	501	54.2	5	1	47	7		39		3	
Japanese.....	1,083	773	71.2	251	23.1	9	1	189	42	22.2	144	76.2	1	
All other.....	4	1		2		1		1			1			
<b>San Diego</b>														
Total.....	16,700	6,716	40.2	8,512	51.0	985	224	14,901	4,200	28.2	8,317	55.8	2,158	202
15 to 24 years.....	3,335	2,984	89.5	338	9.8	3	6	3,389	2,406	71.0	928	27.4	26	22
25 to 44 years.....	6,746	2,511	37.2	3,953	58.6	153	114	6,171	1,278	20.7	4,372	70.8	412	106
45 years and over.....	6,633	1,384	18.7	2,496	66.4	825	103	5,268	478	9.1	2,901	56.9	1,715	74
Age unknown.....	286	37	12.9	25	8.7	4	1	83	38		20		5	
Native white—Native parentage.....	8,951	3,452	38.6	4,627	51.7	550	124	8,639	2,469	28.6	4,722	54.7	1,297	132
Native white—Foreign or mixed parentage.....	2,969	1,368	46.1	1,442	48.6	118	37	3,115	1,104	35.4	1,678	53.9	301	31
Foreign-born white.....	4,614	1,598	39.3	2,186	51.9	222	50	2,870	561	19.5	1,769	61.5	307	32
Negro.....	558	103	39.9	111	43.0	20	12	249	50	23.7	153	53.4	81	6
Indian.....	2	1						4	2		2		2	
Chinese.....	324	188	61.1	88	27.2	1	1	10	5		5			
Japanese.....	134	104	77.6	27	20.1	2		14	5		13		1	
All other.....	1					1		1						
<b>San Francisco</b>														
Total.....	197,134	96,430	48.9	81,243	41.2	7,451	2,532	140,870	44,858	31.8	74,790	53.1	18,260	2,694
15 to 24 years.....	42,941	38,274	89.4	2,204	7.5	42	48	36,033	26,025	72.3	9,524	26.4	119	227
25 to 44 years.....	102,101	46,451	45.5	48,031	47.0	1,698	1,460	68,341	15,633	22.9	49,794	68.5	4,053	1,787
45 years and over.....	48,613	10,991	22.6	29,877	61.5	5,688	1,019	36,957	3,048	8.5	18,314	50.8	13,997	670
Age unknown.....	5,479	17.6		131		5.8		23	5		158		10	10
Native white—Native parentage.....	48,594	25,365	52.3	17,909	36.9	1,466	936	34,902	12,520	35.8	17,279	49.4	3,991	1,038
Native white—Foreign or mixed parentage.....	56,010	32,040	57.2	27,174	48.5	1,867	808	55,699	23,038	41.2	27,501	48.4	4,299	1,041
Foreign-born white.....	78,783	32,862	41.7	35,844	45.1	3,155	762	47,880	8,767	18.3	28,668	60.9	9,703	591
Negro.....	911	526	57.7	308	38.8	55	13	504	152	30.2	254	50.4	76	22
Indian.....	23	2		7		14		14	7		17		8	
Chinese.....	8,023	3,329	38.6	3,988	46.2	110	1	928	242	26.1	601	64.8	81	
Japanese.....	3,482	2,247	64.5	964	27.7	25	11	632	134	21.2	478	75.6	18	2
All other.....	108	46	42.6	40	45.4	12								
<b>San Jose</b>														
Total.....	11,180	4,328	38.7	6,122	54.8	579	165	11,331	3,491	30.8	5,965	52.6	1,705	197
15 to 24 years.....	2,416	2,131	88.2	272	11.3	5	1	2,844	2,064	72.6	748	26.3	15	14
25 to 44 years.....	4,880	1,620	33.3	3,669	63.4	104	65	4,780	1,102	23.0	3,287	68.6	204	93
45 years and over.....	3,884	572	14.9	2,745	71.3	469	48	3,082	320	8.7	1,460	45.3	1,383	49
Age unknown.....	26	2		1		1		15	3		6		1	
Native white—Native parentage.....	5,258	1,753	33.3	2,440	53.9	257	50	5,200	1,676	32.2	2,636	50.7	786	98
Native white—Foreign or mixed parentage.....	2,926	1,371	46.9	1,417	48.4	98	38	3,494	1,427	40.8	1,711	49.0	313	38
Foreign-born white.....	3,059	1,031	29.8	1,935	63.1	211	11	2,466	337	14.5	1,485	60.6	192	18
Negro.....	69	2		7		9	1	82	16		49		14	3
Indian.....	1	1						1			1			
Chinese.....	212	131	61.8	171	54.8	8		23	6		17		6	
Japanese.....	242	146	60.3	96	39.7			65	9		56			
All other.....	3													

<sup>1</sup> Total includes persons whose marital condition is unknown.

TABLE 17.—INDIAN, CHINESE, AND JAPANESE POPULATION, BY COUNTIES.

COUNTY.	INDIAN.			CHINESE.			JAPANESE.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890
<b>The state.....</b>	<b>18,371</b>	<b>15,377</b>	<b>16,624</b>	<b>36,248</b>	<b>45,753</b>	<b>72,472</b>	<b>41,356</b>	<b>10,151</b>	<b>1,147</b>
Alameda.....	41	71	25	4,588	2,211	3,311	3,266	1,149	184
Alpine.....	98	143	224	1	5	1	1		
Amador.....	143	150	58	101	153	324	2		3
Butte.....	298	201	319	672	712	1,530	295	365	3
Calaveras.....	161	100	77	49	148	325	3	4	
Colusa.....	169	121	27	218	274	924	140	53	5
Contra Costa.....	3	8	3	539	627	465	1,069	276	11
Del Norte.....	337	269	376	1		7			2
Eldorado.....	177	138	136	58	206	518	31	30	2
Fresno.....	313	520	347	1,377	1,775	2,736	2,253	594	12
Glenn.....	32	24							
Humboldt.....	35			139	227	6	33	14	
Imperial.....	1,652	1,728	1,709				19	6	
Inyo.....	682	940	850	32			217		
Kern.....	792	944	837	100	97	89	41		
Kings.....	320	344		841	968	1,124	273		3
Lake.....	22	51		338	417		280	156	
Lassen.....	433	428	556	24	82	210	3	3	
Lassen.....	410	381	335	13	28	41	6	2	
Los Angeles.....	97	69	144	2,602	3,269	4,454	8,461	204	26
Madera.....	419	461		211	229		32	19	
Marin.....	26	25	31	555	489	915	199	52	24
Mariposa.....	192	173	152	69	102	181	3		
Mendocino.....	1,170	1,353	881	263	218	359	77	23	1
Merced.....		4	39	278	337	746	98	43	
Modoc.....	546	503	499	11	6	22	1		
Mono.....	386	389	368	21	120	146	14	1	
Monterey.....	29	26	58	575	857	1,667	1,121	710	1
Napa.....	6	18	15	205	541	875	103	6	6
Nevada.....	52	48	159	309	632	1,083	22	15	5
Orange.....	21		6	83	136	162	64	3	
Placer.....	102	74	73	612	1,050	1,429	862	133	6
Plumas.....	380	444	374	105	192	307	20		
Riverside.....	1,590	809		187	316	457	76		
Sacramento.....	62	24	40	2,143	3,254	4,371	3,874	1,509	51
San Benito.....		36	41	66	69	85	286	15	
San Bernardino.....	573	672	399	254	388	682	946	148	2
San Diego.....	1,516	2,197	478	430	414	809	520	25	13
San Francisco.....	46	15	31	10,382	13,354	25,833	4,518	1,781	590
San Joaquin.....	8	1	2	1,968	1,875	1,676	1,504	313	10
San Luis Obispo.....	14	1	47	165	154	386	434	16	2
San Mateo.....	1	1	6	309	306	448	358	46	9
Santa Barbara.....	45	72	73	440	459	581	863	114	5
Santa Clara.....	16	9	19	1,054	1,738	2,723	2,299	284	27
Santa Cruz.....	15	67	10	194	614	785	689	235	19
Shasta.....	756	862	693	88	102	342	42	20	2
Sierra.....	54	31	10	117	309	488	17	1	
Siskiyou.....	1,109	480	710	226	790	1,151	24	8	
Solano.....	1	2	11	811	903	1,522	894	870	26
Sonoma.....	340	316	297	287	599	1,145	554	148	74
Stanislaus.....	30	25	12	161	236	421	113	5	
Sutter.....	18	20	1	79	226	327	134	155	
Tehama.....	94	99	101	309	729	862	98	143	
Trousdale.....	227	224	193	163	336	554			
Tulare.....	204	175	178	257	370	954	615	48	2
Tuolumne.....	186	149	218	75	158	223	6	2	
Ventura.....	3	5	91	235	408	451	872	94	
Yuba.....	32	28	41	158	346	694	789	410	5
Yuba.....	16	24	27	493	719	974	336	56	1

<sup>1</sup> Includes 5,107 Indians, specially enumerated in 1900, not distributed by counties.



TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

[Per cent not shown where base is less than 100.]

SUBJECT.	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.	Colusa.	Contra Costa.	Del Norte.
<b>POPULATION</b>									
Total population, 1910.....	2,377,549	246,131	309	9,036	27,301	9,171	7,732	31,674	2,417
1890.....	1,485,853	130,137	409	11,116	17,117	11,200	7,364	18,046	2,408
1880.....	1,213,358	93,894	667	10,320	17,509	8,882	14,640	13,515	2,592
1880.....	893,426	62,976	539	11,384	18,721	9,084	13,118	12,525	2,584
.....	1,566,547	24,237	885	9,652	11,463	8,895	6,163	8,461	2,022
Increase, 1909-1910.....	892,496	115,934	-200	-2,030	10,184	-2,029	368	13,628	9
Per cent of increase.....	60.1	89.0	-29.3	-18.3	59.5	-18.1	5.0	75.5	0.4
Increase, 1890-1900.....	271,655	36,323	-153	796	-822	2,318	-7,276	4,531	-184
Per cent of increase.....	22.4	38.7	-23.7	7.1	-4.6	31.1	-49.7	33.5	-7.1
Land area (square miles).....	156,652	732	776	601	1,722	1,027	1,140	714	1,024
Population per square mile, 1910.....	15.3	336.2	0.4	15.1	15.9	8.9	6.8	14.4	2.4
Rural population per square mile, 1910.....	5.8	31.8	0.4	15.1	11.4	8.9	6.8	34.8	2.4
<b>URBAN AND RURAL TERRITORY.</b>									
Urban, 1910—Places of 2,500 or more in 1910.....	1,469,739	222,821	.....	.....	7,609	.....	.....	6,802	.....
Same places in 1900.....	810,193	101,872	.....	.....	2,640	.....	.....	.....	.....
Per cent of increase, 1900-1910.....	81.4	118.7	.....	.....	188.9	.....	.....	.....	.....
Rural, 1910—Remainder of county in 1910.....	907,810	23,310	.....	.....	19,692	9,171	7,732	24,872	2,417
Same territory in 1900.....	674,859	28,325	.....	.....	11,116	11,200	7,364	18,046	2,408
Per cent of increase, 1900-1910.....	34.5	-17.7	-30.3	.....	76.0	31.0	.....	37.8	0.4
Urban, 1900—Places of 2,500 or more in 1900.....	777,699	96,638	.....	.....	2,640	.....	.....	.....	.....
Rural, 1900—Remainder of county in 1900.....	707,354	33,559	.....	.....	11,116	11,200	7,364	18,046	2,408
Per cent in places of 2,500 or more, 1910.....	61.8	88.5	.....	.....	27.9	.....	.....	21.5	.....
Per cent in places of 2,500 or more, 1900.....	52.4	74.2	.....	.....	15.4	.....	.....	.....	.....
<b>COLOR AND NATIVITY</b>									
White.....	2,259,672	234,520	213	8,838	25,684	8,941	7,155	29,911	2,078
Number in 1900.....	1,467,717	135,432	559	10,865	15,733	10,879	6,840	17,698	2,158
Number in 1890.....	1,111,833	89,659	455	9,969	15,864	8,309	15,295	15,083	2,302
Negro.....	21,645	3,634	.....	2	122	17	50	67	1
Number in 1900.....	17,514	.....	.....	.....	166	69	78	47	.....
Number in 1890.....	11,322	788	.....	.....	29	17	159	54	6
Black.....	13,787	1,763	.....	.....	95	16	7	40	1
Mulatto.....	7,858	1,871	.....	.....	27	1	43	27	.....
Indian, Chinese, Japanese, and all other (see Tables 1 and 17).....	96,232	7,977	96	246	1,485	213	527	1,696	338
Native white—Native parentage.....	1,106,533	91,979	93	3,354	17,587	4,271	4,887	9,973	1,220
Number in 1900.....	644,138	24,336	156	4,419	10,618	5,304	4,705	5,254	1,639
Native white—Foreign or mixed parentage.....	639,899	89,917	.....	.....	7,969	2,867	1,411	3,000	385
Number in 1900.....	441,794	47,907	.....	.....	5,684	3,468	1,408	6,736	1,589
Native white—Foreign parentage.....	403,364	54,381	.....	.....	1,802	2,529	1,743	839	7,029
Native white—Mixed parentage.....	232,225	28,538	.....	.....	317	1,114	668	3,166	238
Foreign-born white.....	517,520	59,624	42	2,481	3,151	1,813	821	9,933	362
Number in 1900.....	316,306	35,179	79	2,575	1,832	2,417	727	5,118	329
<b>PER CENT OF TOTAL POPULATION.</b>									
Native white—Native parentage.....	46.5	37.4	30.1	39.1	64.4	46.6	63.2	31.5	50.5
Per cent in 1900.....	45.4	34.0	.....	40.9	61.4	41.6	63.9	29.0	51.2
Native white—Foreign or mixed parentage.....	26.7	33.7	25.2	30.8	18.1	31.2	18.7	32.2	20.7
Per cent in 1900.....	29.7	30.2	.....	.....	23.2	31.8	30.3	37.5	21.1
Foreign-born white.....	21.8	24.2	13.6	27.3	11.5	19.8	10.6	30.3	14.8
Per cent in 1900.....	21.5	25.5	15.5	23.1	10.7	19.8	9.9	28.4	13.5
<b>FOREIGN NATIONALITIES</b>									
<b>FOREIGN-BORN WHITE: Born in—</b>									
Atlantic Islands.....	2,950	211	.....	.....	.....	1	1	10	.....
Australia.....	3,296	594	.....	.....	5	14	4	2	.....
Austria.....	17,163	1,701	.....	.....	544	47	290	12	262
Canada—French.....	3,109	307	.....	.....	16	46	21	11	18
Canada—Other.....	41,445	4,662	2	49	322	65	75	396	22
Denmark.....	14,208	2,621	1	11	85	62	22	211	14
England.....	48,067	3,982	1	888	373	142	45	338	22
Finland.....	6,156	725	.....	.....	3	18	3	4	55
France.....	17,390	2,021	1	26	51	59	10	177	2
Germany.....	76,305	9,012	20	120	512	179	265	825	42
Greece.....	7,918	869	.....	.....	16	361	44	227	1
Hungary.....	3,391	.....	.....	.....	.....	.....	.....	.....	.....
Ireland.....	52,475	6,009	1	87	230	87	89	926	36
Italy.....	63,401	5,308	5	983	532	634	51	2,826	35
Mexico.....	33,414	.....	.....	.....	.....	.....	.....	.....	.....
Norway.....	9,952	1,428	1	5	53	14	12	116	2
Portugal.....	22,427	7,619	1	35	211	12	25	1,517	21
Russia.....	16,607	1,126	.....	.....	5	45	7	80	14
Scotland.....	13,694	2,035	.....	.....	20	101	31	32	151
Spain.....	4,218	184	1	32	49	15	7	35	7
Sweden.....	26,210	3,575	16	127	23	40	40	356	26
Switzerland.....	11,520	658	.....	.....	65	37	11	147	90
Turkey.....	4,521	154	.....	.....	4	8	3	8	.....
Other foreign countries.....	13,763	1,637	1	48	104	78	27	215	4
<b>NATIVE WHITE: Both parents born in—</b>									
Austria.....	5,576	509	.....	.....	152	11	99	8	98
Canada—French.....	1,755	196	.....	.....	9	16	12	6	17
Canada—Other.....	11,921	1,424	.....	.....	12	84	25	43	2
Denmark.....	8,544	1,753	.....	.....	5	32	12	144	1
England.....	26,096	3,310	.....	.....	289	263	123	42	12
France.....	8,836	1,155	.....	.....	25	28	39	82	.....
Germany.....	85,362	10,182	.....	.....	149	659	254	353	829
Ireland.....	69,988	7,918	3	192	422	185	107	1,002	46
Italy.....	32,651	3,150	.....	.....	690	62	502	13	1,584
Norway.....	4,666	833	.....	.....	24	1	4	46	3
Russia.....	8,946	644	.....	.....	5	19	5	28	4
Scotland.....	7,443	1,182	1	14	69	18	27	97	.....
Sweden.....	14,797	2,153	.....	.....	18	40	2	180	3
Switzerland.....	5,861	584	.....	.....	33	27	4	91	.....
All others of foreign parentage.....	108,222	19,378	9	496	764	392	173	2,430	74

1 For changes in boundaries, etc., see page 617.

2 State total includes population (5,285) of Indian reservations, etc., specially enumerated in 1890, not distributed by counties.

3 State total includes population (1,686) of Klamath County, annexed to Humboldt and Siskiyou Counties in 1874.

# STATISTICS OF POPULATION.

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## POPULATION FOR THE STATE AND FOR COUNTIES.

A minus sign (-) denotes decrease.]

SUBJECT.	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.	Colusa.	Contra Costa.	Del Norte.
<b>SEX</b>									
Total Male	1,322,978	127,142	175	5,357	16,059	5,452	4,662	19,482	1,401
Female	1,054,571	118,889	134	3,729	11,242	3,719	3,070	12,182	1,016
White Male	1,232,990	118,660	123	5,204	14,698	5,318	4,195	17,819	1,240
Female	1,026,682	115,860	90	3,634	10,986	3,623	2,960	12,062	838
Negro Male	11,303	1,896	.....	1	66	8	31	26	.....
Female	10,342	1,738	.....	1	56	9	19	28	1
<b>MALES OF VOTING AGE</b>									
Total number	920,397	85,934	115	3,668	11,214	3,624	3,214	13,575	922
Number in 1900	844,687	41,197	217	4,444	6,655	4,652	2,785	7,185	816
Native white—Native parentage	367,783	27,222	32	1,046	5,966	1,274	1,703	3,447	404
Number in 1900	301,884	15,165	39	1,425	3,280	1,655	1,194	1,624	558
Native white—Foreign or mixed parentage	181,059	20,546	21	849	1,974	1,004	537	2,495	103
Number in 1900	167,667	9,186	40	971	1,701	1,125	420	1,710	149
Native white—Foreign parentage	121,043	14,494	14	370	1,112	669	360	1,763	85
Native white—Mixed parentage	60,016	6,052	7	279	815	335	197	732	68
Foreign-born white	297,365	31,249	29	1,668	2,164	1,251	564	6,127	262
Number in 1900	180,454	16,818	64	1,636	1,711	1,449	775	3,491	240
Negro	8,143	1,413	1	48	6	6	21	27	.....
Number in 1900	3,717	447	3	10	37	29	17	17	.....
Indian, Chinese, Japanese, and all other	66,007	5,534	33	104	1,109	89	369	1,470	93
<b>PER CENT OF TOTAL.</b>									
Native white—Native parentage	40.0	31.7	27.8	28.5	53.2	35.2	53.0	25.4	43.8
Native white—Foreign or mixed parentage	19.7	23.9	18.3	23.1	17.2	27.7	17.3	18.4	17.3
Foreign-born white	32.3	36.4	25.2	45.5	19.3	34.5	17.5	45.1	28.4
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>									
Naturalized	137,274	16,609	18	673	1,026	613	329	2,101	170
Having first papers	27,708	2,875	.....	143	119	111	35	536	20
Alien	99,949	9,991	.....	790	745	769	149	3,099	59
Unknown	32,443	1,754	.....	92	274	148	51	391	13
<b>ILLITERACY</b>									
<b>ILLITERATE MALES OF VOTING AGE.</b>									
Total number illiterate	42,787	3,966	30	321	870	294	177	1,458	72
Per cent illiterate	4.6	4.6	26.1	8.8	7.8	8.1	5.5	10.7	7.8
Per cent in 1900	6.7	6.7	25.7	8.6	6.3	6.6	6.1	12.4	11.7
Native white, number illiterate	3,175	205	9	24	37	13	44	4	.....
Per cent illiterate	0.6	0.4	0.3	0.3	0.6	0.6	0.7	0.7	0.7
Foreign-born white, number illiterate	28,921	3,284	2	259	340	214	56	1,269	12
Per cent illiterate	9.7	10.5	.....	15.5	15.7	17.1	9.9	20.7	4.6
Negro, number illiterate	856	33	.....	.....	.....	.....	1	2	.....
Per cent illiterate	8.8	3.8	.....	.....	.....	.....	1	2	.....
<b>PERSONS 10 YEARS OLD AND OVER.</b>									
Total number	2,007,658	207,508	249	7,479	22,343	7,416	6,521	25,658	1,942
Number illiterate	76,402	7,381	67	330	1,116	469	364	1,246	151
Per cent illiterate	3.7	3.6	26.9	7.1	4.9	6.4	5.6	8.6	7.8
Native white, number	1,896,146	138,606	128	4,816	15,349	5,443	5,191	14,393	1,337
Number illiterate	7,509	576	3	32	35	62	26	108	8
Per cent illiterate	0.4	0.4	0.3	0.7	0.2	1.1	0.5	0.7	0.5
Foreign-born white, number	505,312	58,447	42	2,457	3,101	1,785	813	9,363	354
Number illiterate	50,292	5,997	2	398	464	330	72	1,942	21
Per cent illiterate	10.0	10.3	.....	16.2	15.0	18.5	8.9	20.7	5.9
Negro, number	18,699	3,133	.....	2	106	44	15	44	.....
Number illiterate	1,329	133	.....	.....	15	2	2	3	.....
Per cent illiterate	7.1	4.2	.....	.....	14.2	.....	.....	.....	.....
<b>PERSONS 10 TO 20 YEARS INCLUSIVE.</b>									
Total number	405,914	44,263	60	1,646	5,079	1,705	1,456	5,318	480
Number illiterate	7,627	403	8	34	104	42	36	180	10
Per cent illiterate	1.7	0.9	.....	2.1	2.0	2.5	2.5	3.4	2.1
<b>SCHOOL AGE AND ATTENDANCE</b>									
<b>Number attending school.</b>									
Total number attending school	555,554	58,629	32	2,256	6,789	2,432	1,924	7,321	678
Number attending school	361,077	39,552	38	1,562	4,467	1,707	1,247	4,967	480
Per cent attending school	63.0	67.5	.....	66.6	65.8	70.2	64.8	65.9	70.8
Number 6 to 9 years	139,639	14,366	22	610	1,710	727	468	2,203	198
Number attending school	109,378	11,479	.....	501	1,278	595	323	1,775	147
Number 10 to 14 years	168,142	18,203	29	720	2,143	895	653	2,365	213
Number attending school	136,142	17,476	.....	25	702	2,007	758	2,242	202
Number 15 to 17 years	112,010	12,262	17	429	1,386	450	417	1,352	135
Number attending school	66,015	7,389	.....	12	352	865	274	1,048	107
Number 18 to 20 years	129,600	13,798	14	497	1,550	451	436	1,601	134
Number attending school	22,544	2,977	.....	47	317	56	81	192	24
<b>PERSONS 6 TO 14 YEARS INCLUSIVE.</b>									
Total number	313,584	32,569	51	1,330	3,833	1,531	1,071	4,568	409
Number attending school	272,520	29,195	25	1,203	3,285	1,353	892	4,017	349
Per cent attending school	86.9	89.6	.....	90.5	85.3	88.4	83.3	87.9	85.9
Native white—Native parentage, number	175,116	14,448	17	747	3,004	986	500	2,631	233
Number attending school	152,883	12,889	9	675	2,576	826	274	1,516	199
Per cent attending school	87.4	89.1	.....	90.4	85.8	89.9	84.4	86.9	86.1
Native white—Foreign or mixed parentage, number	112,114	15,498	18	487	672	470	220	2,394	69
Number attending school	66,015	7,389	12	445	383	416	198	2,139	107
Per cent attending school	88.1	90.5	.....	91.4	86.8	88.5	90.0	89.5	95
Foreign-born white, number	17,299	1,805	.....	67	62	35	13	404	7
Number attending school	14,245	1,610	.....	53	44	28	11	346	6
Per cent attending school	82.3	89.2	.....	77.6	71.0	70.6	84.6	85.6	6
Negro, number	2,579	370	.....	.....	.....	.....	.....	.....	.....
Number attending school	2,281	337	.....	.....	.....	.....	.....	.....	.....
Per cent attending school	88.4	88.4	.....	.....	.....	.....	.....	.....	.....
<b>DWELLINGS AND FAMILIES</b>									
Dwellings, number	513,441	53,121	69	2,088	6,241	2,397	1,740	6,627	561
Families, number	563,636	59,993	69	2,126	6,397	2,426	1,763	6,795	572

<sup>1</sup> Includes 161 whites specially enumerated in 1890, not distributed by counties.

<sup>2</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Eldorado.	Fresno. <sup>1</sup>	Glenn. <sup>1</sup>	Humboldt. <sup>1</sup>	Imperial. <sup>1</sup>	Inyo.	Kern.	Kings. <sup>1</sup>	Lake. <sup>1</sup>	Lassen.
<b>POPULATION</b>										
Total population, 1910.....	7,492	75,457	7,172	33,857	13,561	6,974	37,715	16,230	5,526	4,802
1900.....	8,886	37,862	5,150	27,104	(?)	4,377	16,480	9,871	6,097	4,311
1890.....	9,233	35,029	4,507	23,424	9,308	5,928	15,444	8,871	7,101	4,233
1880.....	10,583	9,478	.....	15,512	.....	2,928	5,601	.....	6,016	5,440
1870.....	10,309	6,336	.....	6,140	.....	1,966	2,925	.....	2,969	1,327
Increase, 1900-1910.....	-1,494	37,795	2,022	6,753	13,591	2,597	21,235	6,359	-491	291
Per cent of increase.....	-16.3	99.8	39.3	24.9	(?)	59.3	128.9	64.4	-8.2	6.6
Increase, 1890-1900.....	-245	5,836	5,150	4,523	333	333	6,072	9,871	-1,084	272
Per cent of increase.....	-2.7	18.2	.....	16.8	.....	23.5	68.0	.....	-15.3	6.4
Land area (square miles).....	1,733	5,950	1,259	3,634	4,089	10,019	8,003	1,159	1,278	4,531
Population per square mile, 1910.....	4.3	12.7	5.7	9.3	3.3	0.7	4.7	1.4	9.8	4.3
Rural population per square mile, 1910.....	4.3	7.8	5.7	6.1	3.3	0.7	3.1	.....	4.3	1.1
<b>URBAN AND RURAL TERRITORY.</b>										
Urban, 1910—Places of 2,500 or more in 1910.....	29,091	.....	11,845	(?)	.....	.....	12,727	4,829	.....	.....
Same places in 1900.....	12,470	.....	7,327	(?)	.....	.....	6,127	2,929	.....	.....
Per cent of increase, 1900-1910.....	133.3	.....	71.7	.....	.....	.....	107.7	64.9	.....	.....
Rural, 1910—Remainder of country in 1910.....	7,492	46,556	.....	22,012	12,591	6,974	24,988	11,401	5,526	4,802
Same territory in 1900.....	8,886	25,392	5,150	19,773	(?)	4,377	10,353	6,942	6,017	4,511
Per cent of increase, 1900-1910.....	-16.6	84.4	39.3	11.3	(?)	59.3	141.4	64.2	-8.2	6.5
Rural, 1900—Places of 2,500 or more in 1900.....	12,470	.....	7,327	(?)	.....	.....	4,836	2,929	.....	.....
Per cent of increase, 1900-1910.....	8,886	25,392	5,150	19,777	(?)	4,377	11,644	6,942	6,017	4,511
Per cent in places of 2,500 or more, 1910.....	.....	38.5	.....	35.0	(?)	.....	33.7	29.8	.....	.....
Per cent in places of 2,500 or more, 1900.....	.....	32.9	.....	37.9	(?)	.....	29.3	29.7	.....	.....
<b>COLOR AND NATIVITY</b>										
White.....	7,198	71,215	6,915	32,133	12,582	6,020	36,007	15,366	5,055	4,372
Number in 1900.....	8,513	34,779	4,867	25,349	.....	5,555	17,474	9,171	6,492	4,009
Number in 1890.....	6,353	26,474	.....	21,071	.....	2,993	9,274	6,394	.....	3,837
Negro.....	28	474	15	40	65	21	398	172	11	1
Number in 1900.....	59	359	18	12	.....	15	76	.....	.....	.....
Number in 1890.....	163	257	.....	48	.....	12	130	.....	.....	6
Black.....	24	377	12	28	31	10	286	106	10	1
Mulatto.....	4	97	3	12	14	11	80	66	1	.....
Ind., Chi., Jap., and all other (see Tables 1 and 17).....	266	3,858	242	1,664	944	933	1,339	692	490	429
Native white—Native parentage.....	4,033	39,941	4,388	13,297	5,246	3,193	22,233	9,655	3,090	3,023
Number in 1900.....	39,504	3,015	11,254	7,875	5,875	5,875	5,875	5,875	5,875	5,875
Native white—Foreign or mixed parentage.....	2,677	15,267	1,575	9,687	1,873	1,376	6,555	2,922	842	703
Number in 1900.....	2,065	7,169	1,134	7,868	877	3,934	5,928	1,771	858	766
Native white—Foreign parentage.....	1,152	10,790	886	5,689	5,689	718	1,774	421	1,774	421
Native white—Mixed parentage.....	887	4,489	689	3,847	849	658	2,266	1,148	421	456
Foreign-born white.....	1,068	15,887	952	9,119	2,463	1,451	7,219	2,788	323	546
Number in 1900.....	1,411	6,508	759	5,180	569	569	2,705	1,189	589	457
<b>PER CENT OF TOTAL POPULATION.</b>										
Native white—Native parentage.....	54.1	52.8	61.2	39.3	60.7	45.8	59.0	59.5	66.8	63.0
Per cent in 1900.....	60.4	64.1	58.5	41.7	.....	44.0	53.4	63.4	65.2	64.6
Native white—Foreign or mixed parentage.....	27.7	20.2	22.0	28.6	13.8	19.7	17.9	18.0	15.2	16.7
Per cent in 1900.....	18.9	18.9	22.0	28.6	.....	30.6	16.9	17.9	16.9	16.7
Foreign-born white.....	14.3	21.1	13.3	27.1	18.1	20.8	19.1	17.2	9.5	11.4
Per cent in 1900.....	15.7	18.2	14.9	27.8	.....	12.8	16.4	11.5	10.5	9.7
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Atlantic Islands.....	2	9	.....	10	.....	.....	16	59	.....	.....
Australia.....	7	45	3	32	5	1	30	9	.....	.....
Austria.....	10	387	18	434	82	71	367	32	32	3
Canada—French.....	9	60	41	65	8	12	26	4	2	7
Canada—Other.....	65	784	97	1,040	201	143	510	162	84	42
Denmark.....	27	1,421	32	429	28	14	114	162	10	25
England.....	139	979	63	376	106	158	598	103	67	35
Finland.....	2	117	6	146	4	9	46	6	1	2
France.....	18	444	28	103	40	47	539	25	16	4
Germany.....	215	1,102	96	791	151	168	737	127	102	76
Greece.....	6	124	6	36	32	16	83	16	33	65
Hungary.....	1	49	14	36	36	4	27	2	.....	1
Ireland.....	76	400	85	658	62	132	540	95	28	34
Italy.....	170	1,463	18	1,083	34	78	572	222	39	36
Mexico.....	9	615	22	6	1,461	286	1,692	278	4	1
Norway.....	1	136	31	562	31	8	40	28	.....	.....
Portugal.....	23	531	22	334	7	5	122	1,157	2	13
Russia.....	6	2,826	12	74	10	8	250	11	2	2
Scotland.....	35	311	25	111	31	45	154	32	32	9
Spain.....	5	182	12	7	13	180	50	13	1	35
Sweden.....	17	1,289	34	790	49	44	174	66	53	60
Switzerland.....	158	219	20	576	49	29	155	79	15	31
Turkey.....	10	2,357	.....	.....	.....	.....	.....	.....	.....	.....
Other foreign countries.....	59	228	20	132	59	60	152	142	25	19
<b>NATIVE WHITE: Both parents born in—</b>										
Austria.....	2	148	15	33	43	4	49	5	31	1
Canada—French.....	.....	54	43	4	3	22	.....	.....	.....	.....
Canada—Other.....	21	276	24	379	44	48	138	62	23	6
Denmark.....	21	1,072	15	278	11	2	38	16	5	16
England.....	132	473	43	171	61	71	255	93	43	21
France.....	12	160	13	48	22	13	303	11	2	6
Germany.....	346	1,118	949	688	776	204	104	225	93	89
Ireland.....	149	602	120	577	94	156	615	124	62	42
Italy.....	32	638	1	211	4	13	192	69	13	2
Norway.....	118	93	53	299	19	11	39	3	.....	.....
Russia.....	1	1,546	4	9	2	2	165	1	1	1
Scotland.....	30	151	15	79	26	24	109	26	7	5
Sweden.....	12	1,334	14	408	39	10	76	40	46	21
Switzerland.....	118	35	13	164	3	45	3	45	4	27
All others of foreign parentage.....	288	3,027	178	1,676	447	166	994	1,042	96	102

<sup>1</sup> For changes in boundaries, etc., see page 617. <sup>2</sup> For combined figures for Imperial and San Diego counties, see Note 1 on page 617. <sup>3</sup> See Note 2 on page 617. <sup>4</sup> Comparable figures not available; for combined figures, see Note 1 on page 617.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Eldorado.	Fresno. <sup>1</sup>	Glenn. <sup>1</sup>	Humboldt. <sup>1</sup>	Imperial. <sup>1</sup>	Inyo.	Kern.	Kings. <sup>1</sup>	Lake. <sup>1</sup>	Lassen.
<b>SEX</b>										
Total.. Male.....	4,388	42,858	4,427	19,654	8,900	4,780	25,413	9,220	2,944	2,842
Female.....	3,193	32,489	2,745	14,203	4,691	2,184	12,202	7,010	2,882	1,960
White...Male.....	4,203	39,380	4,194	18,792	8,241	4,256	24,117	8,523	2,685	2,614
Female.....	2,908	31,835	2,721	15,361	4,341	1,704	11,800	6,843	2,370	1,728
Negro...Male.....	22	228	9	14	46	13	185	89	6	1
Female.....	6	246	6	26	19	8	184	83	5	1
<b>MALES OF VOTING AGE</b>										
Total number.....	3,146	27,687	3,141	12,889	6,290	3,674	19,852	5,785	1,872	1,887
Number in 1900.....	5,703	14,709	2,668	8,189	7,802	7,424	24,556	2,661	2,661	1,708
Native white—Native parentage.....	1,374	13,459	1,673	4,257	3,383	1,494	10,103	2,056	1,187	1,046
Number in 1900.....	1,581	6,687	1,087	3,448	3,468	780	8,384	1,218	1,187	974
Native white—Foreign or mixed parentage.....	883	3,121	610	2,316	772	659	2,795	632	246	299
Number in 1900.....	787	1,711	307	1,110	1,110	275	1,607	267	219	258
Native white—Foreign parentage.....	582	1,952	385	1,395	422	403	1,964	557	130	147
Native white—Mixed parentage.....	301	1,170	225	921	310	256	1,131	275	110	152
Foreign-born white.....	731	8,258	650	6,960	1,623	1,153	5,330	1,666	310	404
Number in 1900.....	947	4,070	429	5,658	358	1,896	744	886	573	519
Negro.....	119	148	9	10	46	10	132	53	4	1
Number in 1900.....	48	116	11	6	6	5	73	27	8	1
Indian, Chinese, Japanese, and all other.....	119	2,861	199	446	466	358	912	558	156	138
<b>PER CENT OF TOTAL.</b>										
Native white—Native parentage.....	43.7	48.3	53.3	32.8	53.8	40.7	52.1	35.1	61.8	55.4
Native white—Foreign or mixed parentage.....	28.1	11.2	19.4	17.8	12.3	17.9	14.3	11.0	13.1	15.4
Foreign-born white.....	23.9	29.8	20.7	48.9	25.8	31.4	28.2	27.2	16.6	21.4
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>										
Naturalized.....	432	3,543	351	2,694	359	504	1,460	485	211	188
Having first papers.....	35	823	33	609	123	93	317	85	19	42
Alien.....	128	3,015	131	2,299	995	447	2,345	865	244	134
Unknown.....	146	917	138	308	145	109	1,308	131	56	60
<b>ILLITERACY</b>										
<b>ILLITERATE MALES OF VOTING AGE.</b>										
Total number illiterate.....	116	1,383	145	671	832	407	1,149	737	113	168
Per cent illiterate.....	3.7	4.9	4.6	5.2	13.2	11.1	5.9	12.8	6.0	5.7
Per cent in 1900.....	6.8	7.6	6.2	6.4	17.6	17.6	7.0	16.1	9.5	11.0
Native white, number illiterate.....	13	63	24	28	36	10	91	67	13	5
Per cent illiterate.....	0.6	0.4	1.1	0.4	0.9	0.5	0.7	1.9	0.9	0.4
Foreign-born white, number illiterate.....	67	910	60	373	599	186	810	490	111	21
Per cent illiterate.....	8.9	11.1	9.2	6.3	36.9	15.0	14.7	31.3	3.5	5.2
Negro, number illiterate.....	3	3	2	1	5	3	8	5	1	1
Per cent illiterate.....	3	0.5	0.5	0.5	1.1	0.5	6.1	1.0	0.1	0.1
<b>PERSONS 10 YEARS OLD AND OVER.</b>										
Total number.....	2,883	60,358	6,072	27,906	11,343	8,010	32,165	12,877	4,480	3,866
Number illiterate.....	137	2,832	194	1,218	1,321	606	1,189	1,189	212	230
Per cent illiterate.....	3.9	4.7	3.0	4.4	11.7	11.5	4.8	9.2	4.4	5.9
Native white, number.....	5,085	41,207	4,883	17,478	8,118	3,781	23,585	9,517	3,587	2,981
Number illiterate.....	22	132	54	61	84	17	189	139	17	8
Per cent illiterate.....	0.4	0.3	0.7	0.3	1.0	0.4	0.8	1.5	0.5	0.4
Foreign-born white, number.....	1,059	15,150	936	9,031	2,357	1,440	7,091	2,667	519	544
Number illiterate.....	96	2,057	73	535	851	228	995	837	23	23
Per cent illiterate.....	9.1	13.6	7.8	5.9	36.1	15.8	14.0	31.4	4.4	5.1
Negro, number.....	28	390	14	34	63	18	311	134	10	1
Number illiterate.....	3	37	2	4	6	4	24	12	1	1
Per cent illiterate.....	3	0.6	0.6	0.6	1.0	0.6	7.7	9.0	0.2	0.2
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>										
Total number.....	1,269	14,170	1,356	6,986	2,412	1,051	5,372	3,327	1,074	923
Number illiterate.....	12	258	17	110	216	71	163	116	22	38
Per cent illiterate.....	0.9	1.8	1.3	1.7	9.0	6.8	3.0	3.5	2.0	4.1
<b>SCHOOL AGE AND ATTENDANCE</b>										
Total number 6 to 20 years, inclusive.....	1,701	19,722	1,778	8,883	3,194	1,417	7,378	4,498	1,498	1,880
Number attending school.....	1,126	12,250	1,210	6,883	1,845	831	4,338	2,900	1,029	872
Per cent attending school.....	66.2	62.1	68.2	66.2	57.8	58.6	58.6	64.5	68.7	68.1
Number 6 to 9 years.....	432	5,562	419	2,297	782	366	2,003	1,171	424	357
Number attending school.....	327	3,721	290	1,719	507	252	1,611	884	301	269
Number 10 to 14 years.....	671	20,615	601	10,611	3,125	410	11,285	6,180	2,360	304
Number attending school.....	538	5,822	563	2,703	703	371	1,964	1,298	494	269
Number 15 to 17 years.....	355	3,706	367	1,680	501	238	1,216	890	311	345
Number attending school.....	299	3,441	296	1,048	288	189	864	557	219	158
Number 18 to 20 years.....	360	4,200	398	2,031	990	403	2,027	1,068	255	284
Number attending school.....	266	566	71	353	121	54	182	161	45	79
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>										
Total number.....	1,003	11,767	1,020	5,172	1,613	776	4,132	2,540	952	751
Number attending school.....	793	9,549	883	4,829	1,623	776	3,476	2,182	768	638
Per cent attending school.....	85.9	81.1	86.6	86.7	84.3	80.3	84.1	85.9	82.1	85.0
Native white—Native parentage, number.....	741	8,434	722	2,881	1,164	455	2,923	1,658	671	543
Number attending school.....	643	5,276	632	2,099	1,022	397	2,516	1,431	580	476
Per cent attending school.....	88.8	82.0	87.8	88.2	87.8	87.3	86.1	86.3	86.4	87.5
Native white—Foreign or mixed parentage, number.....	269	3,860	297	2,224	225	189	866	677	174	130
Number attending school.....	189	3,104	231	2,017	196	165	782	590	142	119
Per cent attending school.....	90.4	80.4	86.5	90.3	83.4	87.3	83.5	87.1	81.6	91.5
Foreign-born white, number.....	11	1,205	25	214	115	4	140	150	7	4
Number attending school.....	7	892	17	161	20	1	77	71	1	1
Per cent attending school.....	81.4	74.1	68.0	75.2	17.3	25.0	54.3	47.3	14.3	25.0
Negro, number.....	2	88	1	6	2	2	45	40	1	1
Number attending school.....	2	66	1	5	1	1	41	39	1	1
Per cent attending school.....	100.0	75.0	100.0	75.0	50.0	50.0	88.9	97.5	100.0	100.0
<b>DWELLINGS AND FAMILIES</b>										
Dwellings, number.....	2,127	16,799	1,502	7,773	3,755	1,704	7,367	3,736	1,504	1,174
Families, number.....	2,175	17,871	1,530	7,968	3,831	1,797	7,819	3,807	1,533	1,184

<sup>1</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Los Angeles. <sup>1</sup>	Madera. <sup>1</sup>	Marin.	Mariposa.	Mendocino.	Merced.	Modoc. <sup>1</sup>	Mono.	Monterey. <sup>1</sup>	Napa. <sup>1</sup>
<b>POPULATION</b>										
Total population, 1910.....	564,121	8,368	25,114	3,956	23,929	15,148	6,191	2,042	24,146	19,808
1900.....	170,298	6,364	15,702	4,720	20,465	9,215	5,076	2,107	19,890	16,451
1890.....	101,452	.....	13,072	3,787	17,610	8,085	4,986	2,062	13,637	16,441
1880.....	11,354	.....	4,822	1,512	5,800	5,656	4,399	7,463	11,202	13,253
1870.....	150,369	.....	5,903	4,372	.....	2,907	.....	830	9,376	7,138
Increase, 1900-1910.....	333,823	2,004	9,412	-704	3,464	5,933	1,115	-125	4,766	3,349
Per cent of increase.....	196.9	31.5	59.9	-16.2	16.9	64.4	22.0	-5.8	24.6	20.4
Increase, 1890-1910.....	68,844	6,364	2,630	933	2,254	1,130	90	165	743	40
Per cent of increase.....	67.9	.....	30.1	24.6	12.8	14.0	1.8	8.2	4.0	0.2
Land area (square miles).....	4,067	2,112	529	1,453	3,453	1,905	3,823	3,030	3,330	783
Population per square mile, 1910.....	154.0	4.0	47.6	2.7	6.9	7.6	1.6	0.7	7.7	25.3
Rural population per square mile, 1910.....	22.7	4.0	31.4	2.7	6.9	6.0	1.2	0.7	4.7	17.9
<b>URBAN AND RURAL TERRITORY.</b>										
Urban, 1910—Places of 2,500 or more in 1910.....	411,945	.....	9,485	.....	.....	3,102	.....	.....	8,659	5,791
Same places in 1900.....	128,590	.....	3,879	.....	.....	1,969	.....	.....	5,052	4,036
Per cent of increase, 1900-1910.....	322.5	.....	115.7	.....	.....	57.5	.....	.....	71.4	42.0
Rural, 1910—Remainder of county in 1910.....	152,183	8,368	16,629	3,956	23,929	12,046	6,191	2,042	15,487	14,009
Same territory in 1900.....	11,459	6,364	11,823	4,720	20,465	7,296	5,076	2,167	14,828	12,415
Per cent of increase, 1900-1910.....	125.3	31.5	40.8	-16.2	16.9	64.4	22.0	-5.8	8.1	24.2
Urban, 1900—Places of 2,500 or more in 1900.....	120,179	.....	3,879	.....	.....	3,102	.....	.....	3,304	4,036
Rural, 1900—Remainder of county in 1900.....	39,119	6,364	11,823	4,720	20,465	6,215	5,076	2,167	10,076	12,415
Per cent in places of 2,500 or more, 1910.....	70.6	.....	24.7	.....	.....	20.5	.....	.....	17.0	24.2
<b>COLOR AND NATIVITY</b>										
White.....	483,478	7,650	24,186	3,674	23,310	14,097	5,629	1,621	22,135	19,837
Number in 1900.....	157,973	6,664	14,989	4,410	18,833	8,280	4,589	1,656	17,707	15,457
Number in 1890.....	86,033	.....	11,938	3,385	16,636	7,382	4,453	1,488	16,821	15,428
Negro.....	9,424	56	145	18	31	75	4	.....	107	48
Number in 1900.....	5,841	61	107	35	38	37	7	1	39	36
Number in 1890.....	1,617	.....	164	69	17	17	.....	.....	50	39
Black.....	6,462	50	100	50	20	50	.....	.....	74	36
Mutatio.....	2,962	6	45	18	11	25	.....	.....	33	12
Ind., Chi., Jap., and all other (see Tables I and IV).....	11,229	662	783	264	1,888	376	558	421	1,904	315
Native white—Native parentage.....	285,965	4,172	8,560	1,989	11,623	6,531	4,451	723	11,664	8,879
Number in 1900.....	96,682	3,190	4,388	2,291	10,659	4,682	3,614	624	8,445	7,383
Native white—Foreign or mixed parentage.....	105,177	1,538	8,350	977	4,845	4,102	786	403	6,420	5,273
Number in 1900.....	39,748	1,538	4,186	1,319	4,186	3,883	726	469	4,405	4,045
Native white—Foreign parentage.....	64,907	825	5,430	328	3,113	2,824	323	229	3,734	3,344
Native white—Mixed parentage.....	44,870	713	3,160	441	1,732	1,278	453	174	2,686	1,854
Foreign-born white.....	38,436	1,940	7,048	708	5,942	4,064	392	453	4,051	3,283
Number in 1900.....	27,645	1,116	4,866	800	4,008	1,816	293	172	3,467	4,166
<b>PER CENT OF TOTAL POPULATION.</b>										
Native white—Native parentage.....	56.7	49.9	34.1	50.3	48.2	43.1	71.9	35.4	48.3	44.8
Per cent in 1900.....	27.9	60.1	27.9	48.6	50.8	40.0	69.0	16.6	45.6	42.6
Native white—Foreign or mixed parentage.....	21.7	18.4	34.2	27.7	20.2	27.1	12.7	19.7	26.6	26.6
Per cent in 1900.....	25.3	21.3	36.7	27.9	20.5	24.8	14.5	25.8	29.9	29.7
Foreign-born white.....	17.5	21.2	28.8	16.9	19.8	18.7	2.8	21.8	17.9	17.9
Per cent in 1900.....	16.2	17.5	30.9	16.9	19.6	19.7	2.8	21.8	17.9	17.9
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Atlantic Islands.....	32	1	182	21	17	301	.....	.....	19	3
Australia.....	283	6	78	7	24	.....	.....	.....	18	40
Austria.....	2,980	64	135	35	209	12	3	28	130	103
Canada—French.....	806	6	34	4	31	8	.....	.....	21	30
Canada—Other.....	11,009	104	367	52	403	119	48	112	361	308
Denmark.....	1,551	27	151	20	150	176	15	10	416	90
England.....	11,881	108	628	98	239	153	52	43	389	430
Finland.....	2,369	10	36	1	1,222	4	.....	.....	7	54
France.....	2,632	40	366	43	94	4	24	70	179	126
Germany.....	13,568	117	846	72	900	258	23	242	1,078	1,078
Greece.....	491	22	59	21	110	82	35	3	21	43
Hungary.....	929	.....	29	1	6	1	.....	.....	18	9
Ireland.....	1,542	96	726	51	332	165	46	32	338	723
Italy.....	518	1,567	110	1,011	1,111	68	11	68	301	1,297
Mexico.....	11,793	412	147	1,042	30	455	.....	.....	6	66
Norway.....	1,398	25	66	6	163	33	16	2	40	68
Portugal.....	58	58	819	8	292	1	.....	.....	236	22
Russia.....	11,993	11	60	7	69	11	.....	.....	1	28
Scotland.....	2,454	99	163	16	96	31	17	7	136	112
Spain.....	593	35	17	10	12	38	1	16	32	10
Sweden.....	4,963	66	212	24	362	311	18	10	313	153
Switzerland.....	43	578	15	147	167	13	.....	.....	381	440
Turkey.....	20	11	3	6	4	.....	.....	.....	5	8
Other foreign countries.....	2,751	52	166	24	32	45	3	5	77	84
<b>NATIVE WHITE: Both parents born in—</b>										
Austria.....	937	7	56	1	21	3	8	.....	5	35
Canada—French.....	436	4	16	2	13	8	2	.....	5	25
Canada—Other.....	2,787	28	115	5	126	23	23	41	51	81
Denmark.....	845	13	54	1	102	1	1	1	361	53
England.....	5,752	47	284	72	130	83	32	28	214	189
France.....	1,642	21	151	8	40	85	10	6	76	63
Germany.....	17,374	129	771	59	300	287	76	29	624	718
Ireland.....	6,983	138	1,083	75	283	17	57	47	450	424
Italy.....	2,711	159	503	95	350	357	3	11	64	495
Norway.....	955	7	14	2	62	18	12	.....	18	31
Russia.....	2,624	3	23	1	16	11	.....	.....	1	9
Scotland.....	1,436	31	79	9	47	15	7	4	84	66
Sweden.....	2,688	19	129	9	147	109	11	.....	41	97
Switzerland.....	688	6	404	7	82	76	7	.....	314	312
All others of foreign parentage.....	16,568	213	1,712	194	1,250	1,062	73	56	1,202	788

<sup>1</sup> For changes in boundaries, etc., see page 617.<sup>2</sup> See Note 2 on page 610.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Los Angeles.	Madera. <sup>1</sup>	Marin.	Mariposa.	Mendocino.	Merced.	Modoc. <sup>1</sup>	Mono.	Monterey. <sup>1</sup>	Napa. <sup>1</sup>
<b>SEX</b>										
Total, Male.....	238,823	5,349	15,394	2,541	14,540	9,139	3,500	1,420	14,099	11,136
Female.....	243,308	3,019	9,720	1,415	9,389	6,012	2,691	1,092	10,977	8,664
White, Male.....	244,511	4,781	14,539	2,385	13,560	8,755	3,207	1,198	12,417	10,320
Female.....	238,907	2,869	9,647	1,289	8,750	5,942	2,422	1,023	9,718	8,607
Negro, Male.....	4,655	49	117	7	18	11	1	1	176	900
Female.....	4,969	16	28	9	13	34	1	1	50	25
<b>MALES OF VOTING AGE</b>										
Total number.....	179,583	3,689	10,725	1,807	9,813	5,975	2,184	1,115	8,791	8,121
Number in 1900.....	46,807	2,817	6,854	1,083	7,994	3,739	1,016	1,044	6,462	6,653
Native white—Native parentage.....	94,309	1,409	3,331	729	8,833	2,122	1,439	289	3,824	3,171
Number in 1900.....	28,425	1,408	1,656	816	5,508	1,696	1,038	284	2,263	2,263
Native white—Foreign or mixed parentage.....	29,519	546	2,924	452	12,800	909	325	185	1,908	1,432
Number in 1900.....	9,269	445	1,260	407	891	607	245	169	1,040	940
Native white—Foreign parentage.....	18,584	316	1,671	265	812	638	157	122	1,179	933
Native white—Mixed parentage.....	10,935	230	853	187	428	311	168	63	729	499
Foreign-born white.....	41,420	1,321	4,230	531	4,122	2,591	296	117	2,502	3,238
Number in 1900.....	14,064	831	3,917	679	2,869	1,232	196	369	2,119	2,618
Negro.....	4,115	22	99	8	16	28	3	3	38	23
Number in 1900.....	612	15	61	12	17	16	2	2	89	44
Indian, Chinese, Japanese, and all other.....	8,565	297	521	87	682	295	151	124	1,429	260
<b>PER CENT OF TOTAL.</b>										
Native white—Native parentage.....	52.5	38.2	31.1	40.3	38.9	35.5	65.9	34.9	29.2	39.0
Native white—Foreign or mixed parentage.....	16.4	14.6	25.5	25.0	12.5	15.7	14.9	16.4	30.1	17.6
Foreign-born white.....	24.5	38.5	39.6	29.4	41.6	48.4	12.2	37.4	48.7	39.8
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>										
Naturalized.....	20,571	451	1,778	243	1,477	898	153	226	1,357	1,574
Having first papers.....	3,711	101	855	41	306	168	29	30	208	184
Alien.....	17,790	168	1,873	154	1,665	1,339	630	131	834	1,115
Unknown.....	6,094	111	414	93	586	166	24	30	324	643
<b>ILLITERACY</b>										
<b>ILLITERATE MALES OF VOTING AGE.</b>										
Total number illiterate.....	4,757	408	704	121	587	646	170	125	470	282
Per cent illiterate.....	2.6	11.1	6.6	6.7	5.9	6.8	8.2	11.2	4.8	3.5
Number in 1900.....	4.4	16.7	7.4	7.7	6.7	7.7	7.5	10.0	16.4	7.7
Native white, number illiterate.....	470	19	37	13	35	52	9	5	94	25
Per cent illiterate.....	0.4	1.0	0.7	1.3	0.7	1.0	0.9	1.6	0.6	0.5
Foreign-born white, number illiterate.....	3,632	307	536	74	316	557	36	36	221	198
Per cent illiterate.....	8.4	21.6	12.6	13.0	7.7	21.5	13.2	8.6	8.8	6.1
Negro, number illiterate.....	153	1	1	1	1	5	1	1	1	5
Per cent illiterate.....	4.9	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>PERSONS 10 YEARS OLD AND OVER.</b>										
Total number.....	421,566	6,900	21,404	3,308	19,538	12,129	4,872	1,749	20,179	17,083
Number illiterate.....	8,638	639	1,107	231	946	1,004	352	238	824	456
Per cent illiterate.....	2.2	9.3	5.2	7.0	4.8	8.3	7.2	13.6	4.1	2.7
Native white, number.....	327,463	4,423	13,562	2,370	12,341	7,747	4,058	949	14,317	11,508
Number illiterate.....	1,251	38	65	29	57	67	20	6	209	62
Per cent illiterate.....	0.4	0.9	0.5	1.2	0.5	0.9	0.5	0.5	1.5	0.5
Foreign-born white, number.....	85,519	1,906	6,833	700	5,858	3,964	383	495	4,013	5,227
Number illiterate.....	7,223	636	1,112	231	1,122	1,144	383	238	828	828
Per cent illiterate.....	8.5	21.2	12.6	16.0	7.6	21.8	10.7	7.7	9.6	6.6
Negro, number.....	8,063	41	141	17	31	63	3	3	93	47
Number illiterate.....	423	1	11	2	2	9	1	1	10	6
Per cent illiterate.....	6.5	.....	7.8	.....	.....	.....	.....	.....	.....	.....
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>										
Total number.....	85,408	1,568	4,534	669	4,376	2,977	1,284	291	4,312	3,217
Number illiterate.....	1,116	52	84	23	74	109	39	31	77	39
Per cent illiterate.....	1.3	5.2	1.9	3.4	1.7	3.7	4.6	10.7	1.8	1.2
<b>SCHOOL AGE AND ATTENDANCE</b>										
Total number 6 to 20 years, inclusive.....	112,888	2,089	5,972	914	6,040	4,112	1,843	412	5,823	4,331
Number attending school.....	75,574	1,251	3,964	545	3,877	2,667	1,332	212	3,632	2,867
Per cent attending school.....	66.9	59.9	66.4	59.6	64.9	64.9	73.4	51.5	62.7	66.2
Number 6 to 9 years.....	27,480	521	1,438	245	1,664	1,135	559	121	1,511	1,114
Number attending school.....	22,512	354	1,023	154	1,038	852	389	53	1,062	853
Number 10 to 14 years.....	35,563	626	2,083	291	1,949	1,285	610	130	1,791	1,438
Number attending school.....	33,070	582	2,006	378	1,736	1,220	568	101	1,694	1,388
Number 15 to 17 years.....	31,070	411	1,099	161	1,116	707	329	31	1,188	816
Number attending school.....	18,973	250	707	101	836	425	265	41	623	499
Number 18 to 20 years.....	20,824	545	1,351	217	1,311	925	335	90	1,323	968
Number attending school.....	5,619	55	229	27	167	130	120	17	1,382	127
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>										
Total number.....	62,631	1,147	3,522	536	3,613	2,420	1,169	251	3,302	2,572
Number attending school.....	55,982	946	3,028	417	2,794	2,112	967	154	2,746	2,241
Per cent attending school.....	89.1	82.5	86.0	77.8	77.3	87.3	82.7	61.4	84.4	87.1
Native white—Native parentage, number.....	39,443	738	1,501	378	2,134	1,194	906	75	1,935	1,371
Number attending school.....	33,257	600	1,249	308	1,588	1,042	781	56	1,609	1,174
Per cent attending school.....	84.4	85.4	83.4	81.5	74.4	87.3	88.2	78.2	83.6	83.6
Native white—Foreign or mixed parentage, number.....	17,877	253	1,771	111	1,124	1,066	105	64	1,250	1,088
Number attending school.....	16,089	221	1,369	88	930	927	93	61	1,090	973
Per cent attending school.....	90.0	86.7	88.3	79.3	82.7	87.8	88.4	92.7	87.7	89.4
Foreign-born white, number.....	4,040	46	167	3	132	147	10	2	54	103
Number attending school.....	3,342	36	183	1	103	102	9	2	45	88
Per cent attending school.....	82.5	36	87.2	.....	76.7	85.7	85.7	100	81.5	83.8
Negro, number.....	1,207	5	12	1	1	14	1	1	15	2
Number attending school.....	1,115	5	11	1	1	11	1	1	12	2
Per cent attending school.....	92.4	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>DWELLINGS AND FAMILIES</b>										
Dwellings, number.....	115,874	1,709	5,101	1,056	5,024	3,206	1,429	578	5,806	4,112
Families, number.....	127,302	1,697	5,232	1,061	5,977	3,256	1,445	594	5,908	4,272

<sup>1</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Nevada.	Orange. <sup>1</sup>	Pleaser.	Plumas.	River-side. <sup>1</sup>	Sacramento.	San Benito. <sup>1</sup>	San Bernardino. <sup>1</sup>	San Diego. <sup>1</sup>	San Francisco.
<b>POPULATION</b>										
Total population, 1910.....	14,858	34,438	18,237	5,250	34,696	67,806	8,041	56,706	61,653	416,912
1790.....	17,024	16,068	15,794	4,657	17,897	27,855	6,458	27,855	35,948	282,782
1850.....	17,359	13,589	15,101	4,923	40,339	6,412	25,497	54,987	54,987	348,967
1880.....	20,823	14,232	6,180	6,180	34,930	5,584	7,786	8,618	23,959	323,959
1870.....	19,134	11,307	4,489	4,489	25,630		3,983	4,851	149,473	
Increase, 1900-1910.....	-2,534	14,740	2,451	602	16,799	21,951	1,498	28,777	26,575	74,130
Per cent of increase, 1900-1910.....	-15.9	74.8	15.3	12.9	47.7	32.7	23.2	103.0	77.7	26.2
Increase, 1850-1900.....	420	6,107	685	-276	17,694	5,576	221	2,432	-714	43,785
Per cent of increase.....	2.4	44.9	4.5	-5.6	13.8	8.6	3.4	9.5	-2.0	14.6
Land area (square miles).....	974	795	1,305	2,594	7,240	693	1,392	20,157	4,221	43
Population per square mile, 1910.....	15.4	43.3	13.1	2.0	4.8	6.0	5.8	2.8	14.6	9,686.6
Rural population per square mile, 1910.....	8.0	28.7	11.2	2.0	2.2	23.5	5.8	1.3	5.2	
<b>URBAN AND RURAL TERRITORY.</b>										
Urban, 1910—Places of 2,500 or more in 1910.....	7,209	13,977	2,608		18,752	44,696		31,482	39,578	416,912
Same places in 1900.....	7,969	7,605			9,407	29,282		12,954	17,700	342,782
Per cent of increase, 1900-1910.....	-9.5	81.6			99.3	52.6		143.0	123.6	21.6
Rural, 1910—Remainder of county in 1910.....	7,748	20,459	15,629	5,250	15,944	23,110	8,041	25,224	22,087	
Same territory in 1900.....	9,520	12,991	15,796	4,657	8,490	16,633	6,633	14,975	(9)	
Per cent of increase, 1900-1910.....	-21.1	69.2	14.3	12.9	87.5	38.5	21.2	65.4		
Urban, 1900—Places of 2,500 or more in 1900.....	7,969	4,933			7,973	29,282		10,947	17,700	342,782
Rural, 1900—Remainder of county in 1900.....	9,520	14,763	15,796	4,657	9,924	16,633	6,633	16,982	17,390	
Per cent in places of 2,500 or more, 1910.....	48.2	40.6	14.3		54.9	66.9		56.4	32.9	100.0
Rural in places of 2,500 or more, 1900.....	44.8	25.0			44.6	63.8		39.2	50.4	100.0
<b>COLOR AND NATIVITY</b>										
White.....	14,558	33,589	16,572	4,629	31,613	61,049	7,643	54,153	58,514	400,014
Number in 1900.....	16,439	16,439	16,439	16,439	16,439	16,439	16,439	16,439	16,439	285,378
Number in 1880.....	16,043	15,407	15,657	4,245		35,384	6,283	24,101	35,211	270,696
Negro.....	14	97	55	5	518	631	26	642	684	1,642
Number in 1900.....	70	88	35	9	854	67	67	216	498	1,642
Number in 1880.....	110	16	36	7		313	63	313	578	1,847
Black.....	68	48			400	884	17	300	383	1,000
Mulatto.....	5	29	12	4	254	231	9	136	227	761
Ind., Chi., Jap., and all other (see Tables I and 17).....	383	790	1,610	625	2,565	6,135	372	1,911	2,267	15,256
Native white—Native parentage.....	5,738	21,441	8,420	2,140	20,701	29,511	3,719	32,926	34,498	115,359
Number in 1900.....	6,573	18,488	7,438	1,900	18,666	27,222	3,212	16,658	16,833	83,658
Native white—Foreign or mixed parentage.....	3,354	7,172	4,425	1,167	5,684	18,498	2,357	10,546	12,915	133,781
Number in 1900.....	3,483	4,955	4,955	4,955	4,955	4,955	4,955	4,955	4,955	157,538
Native white—Foreign parentage.....	5,421	4,157	2,703	606	3,053	11,708	1,310	6,806	7,748	107,263
Native white—Mixed parentage.....	1,933	3,015	1,722	501	2,631	6,790	1,049	4,740	5,227	46,488
Foreign-born white.....	3,468	4,576	3,723	1,033	5,689	15,033	1,567	10,011	11,101	130,874
Number in 1900.....	3,824	2,618	2,617	825	8,540	12,048	4,775	6,665	104,364	
<b>PER CENT OF TOTAL POPULATION.</b>										
Native white—Native parentage.....	38.4	62.3	46.2	45.8	59.7	43.5	46.3	58.1	55.9	27.7
Per cent in 1900.....	35.8	68.4	47.1	42.1	61.9	40.2	48.6	63.6	62.0	51.4
Native white—Foreign or mixed parentage.....	23.1	20.8	24.3	22.3	17.3	27.3	29.3	18.9	18.8	32.5
Per cent in 1900.....	38.4	28.1	38.1	55.6	16.9	30.3	30.4	20.4	22.1	40.1
Foreign-born white.....	23.2	14.4	20.4	20.0	15.1	19.2	19.5	18.8	18.0	31.4
Per cent in 1900.....	21.6	15.3	16.6	16.0	13.0	16.6	16.4	16.3	17.3	30.1
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Atlantic Islands.....	1		7	1		124	47	3		136
Australia.....	10		15	1		71	7	33		42
Austria.....	194	81	129	38		159	65	139	231	1,444
Canada—French.....	35	35	24	21	23	99	3	55	87	474
Canada—Other.....	170	630	241	97	914	985	111	1,386	1,337	5,687
Denmark.....	30	66	120	14	70	369	33	152	103	3,118
England.....	1,232	489	399	70	599	1,411	83	993	1,621	9,815
Finland.....	23	10	282	4	10	36	1	16	36	1,846
France.....	52	215	51	38	174	196	82	180	272	6,244
Germany.....	3,468	1,238	264	3	1,649	2,167	171	1,047	1,716	24,274
Greece.....	1	6	204	86	58	480	2	8	11	1,274
Hungary.....	8	4	19	1	28	61	7	48	39	2,247
Ireland.....	332	135	349	64	200	1,432	134	469	667	23,151
Italy.....	695	82	622	184	285	1,820	179	286	602	16,918
Norway.....	5	1,345	8	1	649	5	21	4,510	2,224	1,763
Norway.....	49	5	55	7	42	167	7	84	200	3,709
Portugal.....	41	5	200	10	14	932	210	80	93	5,700
Russia.....	19	101	48	4	24	187	6	119	243	4,540
Scotland.....	64	80	101	22	182	299	14	247	871	3,698
Spain.....	68	60	48	48	43	147	64	68	170	84
Sweden.....	78	96	188	34	251	501	40	357	694	6,969
Switzerland.....	76	110	91	165	101	573	112	136	298	2,887
Turkey.....	1	1	13	1	1	26	1	28	2	722
Other foreign countries.....	70	128	97	46	106	287	25	189	349	3,981
<b>NATIVE WHITE: Both parents born in—</b>										
Austria.....	33	39	35	2	13	120	10	71	88	1,674
Canada—French.....	17	18	19	7	21	50	3	19	47	227
Canada—Other.....	56	55	80	21	294	324	36	320	341	1,683
Denmark.....	1,354	296	232	62	314	1,064	31	954	727	4,233
England.....	31	151	26	14	97	103	57	90	103	2,625
France.....	216	1,573	481	114	546	2,882	155	1,301	1,901	24,753
Ireland.....	690	188	4-5	96	225	2,317	206	535	631	21,262
Italy.....	49	49	76	85	76	311	69	69	140	2,946
Norway.....	16	38	53	2	50	95	6	53	130	966
Russia.....	3	102	18	2	7	110	1	60	191	2,185
Scotland.....	47	77	53	8	78	195	12	149	141	1,572
Sweden.....	39	69	36	6	246	236	12	223	300	2,767
Switzerland.....	34	103	84	34	72	369	62	98	62	2,245
All others of foreign parentage.....	573	1,225	925	140	983	2,850	564	2,197	2,149	20,704

<sup>1</sup> For changes in boundaries, etc., see page 617.<sup>2</sup> For combined figures for Imperial and San Diego Counties, see Note 1 on page 617.<sup>3</sup> See Note 2 on page 617.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Nevada.	Orange. <sup>1</sup>	Placer.	Plumas.	River- side. <sup>1</sup>	Sacra- mento.	San Benito. <sup>1</sup>	San Ber- nardino. <sup>1</sup>	San Diego. <sup>1</sup>	San Francisco.
<b>SEX</b>										
Total, Male	8,325	18,067	11,594	3,449	19,089	40,213	4,421	31,535	33,003	236,901
Female	6,430	16,369	6,643	1,810	15,607	27,293	3,420	25,171	28,662	180,611
White, Male	8,198	17,368	10,176	3,023	17,120	34,443	4,283	29,586	30,916	222,829
Female	6,340	16,221	6,396	1,606	14,443	26,597	3,300	24,567	27,398	177,185
Negro, Male	11	43	40	3	242	378	13	35	36	1,025
Female	3	52	15	3	276	252	13	27	29	617
<b>MALES OF VOTING AGE</b>										
Total number	5,873	11,335	8,533	2,581	12,373	29,693	3,139	21,340	22,745	175,851
Member in 1900	7,407	14,623	9,558	2,686	15,855	32,087	3,213	19,054	17,413	143,262
Native white—Native parentage	1,643	6,208	2,920	946	6,576	10,392	1,170	10,942	11,622	41,619
Member in 1900	2,197	3,448	2,818	772	9,279	6,085	951	4,850	4,489	27,179
Native white—Foreign or mixed parentage	1,784	1,800	1,649	506	1,906	6,251	647	2,945	3,555	46,740
Member in 1900	1,909	960	1,410	373	575	4,928	438	1,654	1,620	35,579
Native white—Foreign parentage	1,808	1,119	1,114	317	943	4,220	393	1,622	1,230	33,860
Native white—Mixed parentage	476	681	535	189	663	2,031	254	1,233	1,435	12,780
Foreign-born white	2,152	2,080	2,706	836	2,915	8,008	1,018	1,018	3,983	75,708
Member in 1900	2,448	1,691	1,717	662	1,252	5,091	768	2,590	2,364	66,162
Negro	10	29	37	2	139	299	7	279	177	1,961
Member in 1900	21	87	67	2	302	12	12	22	158	619
Indian, Chinese, Japanese, and all other	284	698	1,212	291	1,137	4,653	297	1,379	2,276	10,833
<b>PER CENT OF TOTAL</b>										
Native white—Native parentage	28.0	54.8	34.3	36.7	53.1	35.0	37.3	51.3	51.1	23.7
Native white—Foreign or mixed parentage	30.4	15.9	19.3	19.6	13.0	21.1	20.6	13.8	15.6	26.6
Foreign-born white	36.6	23.7	31.7	32.4	23.6	32.4	32.4	27.3	26.4	41.1
<b>CITIZENSHIP OF FOREIGN-BORN WHITE</b>										
Naturalized	1,215	1,252	1,208	387	1,039	3,323	526	1,871	3,012	36,375
Having first papers	171	119	226	31	178	583	37	230	307	16,681
Alien	681	946	1,068	336	1,384	2,964	389	2,813	1,704	21,872
Unknown	85	373	204	62	314	1,028	66	894	970	6,840
<b>ILLITERACY</b>										
<b>ILLITERATE MALES OF VOTING AGE</b>										
Total number illiterate	231	478	619	168	1,014	1,009	236	1,970	828	3,521
Per cent illiterate	3.9	4.2	7.3	6.5	8.2	3.4	7.5	8.2	3.6	2.0
Per cent in 1900	5.0	3.8	5.2	6.5	6.2	10.7	7.8	6.5	8.6	2.8
Native white, number illiterate	16	71	27	6	90	58	30	131	53	158
Per cent illiterate	0.5	0.9	0.6	0.4	1.1	0.3	1.7	0.9	0.3	0.2
Foreign-born white, number illiterate	163	359	394	38	686	422	118	1,529	471	2,683
Per cent illiterate	7.6	13.3	14.6	4.5	23.5	5.2	11.6	26.4	4.7	3.3
Negro, number illiterate	3	1	5		16	31		64	27	43
Per cent illiterate					11.5	10.4		22.9	9.7	5.2
<b>PERSONS 10 YEARS OLD AND OVER</b>										
Total number	12,489	28,063	15,405	4,418	28,667	58,430	6,474	47,223	52,550	362,886
Number illiterate	418	838	377	945	1,750	1,589	372	3,441	1,585	7,467
Per cent illiterate	3.4	3.3	2.7	3.5	6.1	2.6	5.6	7.3	3.0	2.1
Native white, number	8,679	22,480	10,191	2,865	21,009	39,375	4,730	34,699	39,069	218,383
Number illiterate	29	219	75	8	199	126	72	284	144	437
Per cent illiterate	0.3	1.0	0.7	0.3	0.9	0.3	1.5	0.8	0.4	0.2
Foreign-born white, number	3,418	4,798	3,679	1,049	5,005	12,814	1,543	10,183	10,749	128,672
Number illiterate	302	647	529	43	1,091	752	199	2,614	801	5,987
Per cent illiterate	8.8	13.5	14.4	4.1	21.8	5.9	12.9	26.0	7.5	4.7
Negro, number	14	78	52	4	384	560	25	662	1,480	4,000
Number illiterate	5	6	6	1	39	49		105	59	76
Per cent illiterate					10.2	8.8		15.1	5.1	6.1
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE</b>										
Total number	2,675	7,006	2,932	830	6,926	11,026	1,529	10,123	10,893	65,557
Number illiterate	41	114	115	14	203	95	28	456	185	643
Per cent illiterate	1.5	1.8	3.9	1.7	2.9	0.9	1.8	4.5	1.7	0.9
<b>SCHOOL AGE AND ATTENDANCE</b>										
Total number 5 to 20 years, inclusive	3,722	9,483	3,963	1,158	9,273	14,498	2,039	13,688	14,459	85,368
Number attending school	2,736	6,638	2,609	683	779	11,313	359	11,113	11,373	67,822
Per cent attending school	73.5	70.6	65.7	67.3	71.3	57.6	64.4	67.5	68.3	58.7
Number 6 to 9 years	1,647	2,477	1,031	328	2,347	3,472	510	3,565	3,556	19,811
Number attending school	899	2,009	796	265	1,870	2,452	368	2,970	2,895	15,805
Number 10 to 14 years	1,239	3,276	1,283	342	2,956	4,300	666	4,379	4,708	24,822
Number attending school	1,244	3,093	1,293	329	2,823	3,984	631	4,087	4,380	22,854
Number 15 to 17 years	734	1,811	754	208	1,952	3,001	407	2,628	2,906	17,842
Number attending school	474	1,164	445	143	1,380	1,541	241	1,997	1,866	8,778
Number 18 to 20 years	672	1,919	896	290	672	1,919	566	3,725	3,676	22,835
Number attending school	119	436	140	42	540	455	73	579	731	2,691
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE</b>										
Total number	2,316	5,753	2,289	670	5,303	7,772	1,176	7,944	8,272	44,633
Number attending school	2,143	5,098	2,007	594	4,663	6,356	999	7,057	7,275	38,559
Per cent attending school	92.5	88.6	88.1	88.6	88.1	81.4	84.9	88.8	88.5	86.8
Native white—Native parentage, number	1,377	3,915	1,490	386	3,393	4,655	671	5,252	4,920	17,009
Number attending school	1,269	3,520	1,340	347	3,059	3,831	576	4,788	4,426	14,660
Per cent attending school	92.2	89.9	89.9	89.9	90.2	82.3	85.8	91.2	90.0	86.2
Native white—Foreign or mixed parentage, number	830	1,568	671	158	1,103	2,114	457	1,811	2,401	13,419
Number attending school	785	1,372	586	145	973	2,058	393	1,673	2,225	20,609
Per cent attending school	93.7	87.5	87.3	91.8	88.4	81.9	86.0	88.5	87.3	88.0
Foreign-born white, number	82	248	70	4	263	328	38	696	485	3,324
Number attending school	75	191	53	3	170	273	25	466	368	2,813
Per cent attending school		77.0			64.6	83.0		73.5	75.9	84.4
Negro, number		12	4	1	107	44	2	64	60	108
Number attending school		8	4	1	97	44	2	56	54	87
Per cent attending school					90.7					80.4
<b>DWELLINGS AND FAMILIES</b>										
Dwellings, number	3,781	8,504	4,284	1,353	8,286	13,522	2,063	13,014	15,586	65,025
Families, number	3,930	8,844	4,412	1,362	8,776	14,997	2,083	14,502	16,361	86,414

<sup>1</sup> Comparisons figures not available; for combined figures, see Note 1 on page 617.

<sup>2</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE 1.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	San Joaquin.	San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.	Siskiyou.	Solano.
<b>POPULATION</b>										
Total population, 1910	50,773	19,383	26,585	27,738	83,839	26,140	18,920	4,093	18,501	27,559
1900	35,832	16,517	15,094	18,338	60,216	17,312	17,318	4,182	14,145	24,145
1890	28,629	16,072	10,057	15,754	48,005	19,270	12,433	5,051	12,163	20,946
1880	24,549	9,142	8,600	9,532	35,409	10,202	6,102	6,623	8,610	18,475
1870	21,050	6,772	6,536	7,784	26,246	8,743	5,189	4,735	6,948	19,871
Increase, 1900-1910	15,279	2,746	14,491	8,804	23,323	4,628	1,602	81	1,839	3,416
Per cent of increase	43.1	16.5	95.8	46.5	40.9	21.5	9.0	2.0	10.8	14.1
Increase, 1890-1900	6,233	5.5	2,907	3,180	12,211	2,242	5,155	-1,034	4,799	3,197
Per cent of increase	23.8	3.5	19.9	20.2	25.4	11.6	42.7	-20.5	39.5	15.3
Land area (square miles)	1,448	3,304	447	2,740	1,228	405	3,858	923	6,256	822
Population per square mile, 1910	35.0	5.8	60.5	10.1	67.9	11.3	4.9	4.4	2.9	33.5
Rural population per square mile, 1910	17.1	4.3	49.7	5.9	34.5	24.2	4.0	4.0	2.0	19.7
<b>URBAN AND RURAL TERRITORY.</b>										
Urban, 1910—Places of 2,500 or more in 1910	25,950	5,157	4,384	11,650	37,780	15,592	3,572			11,340
Same places in 1900	17,506	3,021	1,832	6,587	26,808	9,187	2,945			7,905
Per cent of increase, 1900-1910	48.2	70.7	139.3	77.0	40.9	69.7	21.2			42.4
Rural, 1910—Remainder of county in 1910	24,781	14,226	22,201	16,079	45,759	10,548	15,348	4,698	18,801	16,219
Same territory in 1900	17,946	13,616	10,262	12,247	35,408	12,325	14,372	4,017	16,562	10,178
Per cent of increase, 1900-1910	38.4	4.5	20.2	30.2	28.4	35.4	8.8			2.0
Urban, 1900—Places of 2,500 or more in 1900	17,506	3,021	1,832	6,587	25,150	9,187	2,946			10,716
Rural, 1900—Remainder of county in 1900	17,946	13,616	12,094	12,247	35,906	12,325	14,372	4,017	16,562	13,427
Per cent in places of 2,500 or more, 1900	41.2	18.2	14.6	42.4	30.8	45.4	18.9			43.3
Per cent in places of 2,500 or more, 1910	49.4	18.2	16.3	34.8	41.8	42.7	17.0			44.4
<b>COLOR AND NATIVITY</b>										
White	46,239	18,093	25,821	26,282	79,849	25,159	17,873	3,910	17,413	25,432
Number in 1900	32,944	16,889	11,654	18,667	67,094	23,619	16,151	4,699	16,616	23,977
Number in 1890	26,688	16,180	9,872	15,069	44,247	18,394	10,876	4,641	10,185	19,290
Negro	307	67	67	108	262	83	159	29	250	5
Number in 1900	329	77	89	53	291	81	208	7	58	101
Number in 1890	457	68	68	63	489	69	221	17	117	97
Black	198	72	45	63	175	46	98		20	305
Mulatto	109	5	22	45	87	46	98		9	47
Ind., Chi., Jap., and all other (see Tables 1 and 17)	4,085	613	697	1,348	3,428	898	888	188	1,359	1,859
Native white—Native parentage	23,174	9,511	8,105	16,215	36,818	12,881	11,006	1,840	10,228	10,627
Number in 1900	16,461	8,451	5,029	10,890	27,314	10,388	10,455	1,488	10,239	9,064
Native white—Foreign or mixed parentage	13,239	5,318	6,200	5,594	24,707	6,724	3,493	1,096	3,623	8,225
Number in 1900	9,288	4,959	4,702	4,747	17,426	6,069	3,241	1,284	2,355	5,991
Native white—Foreign parentage	8,589	3,303	3,975	3,124	15,775	3,875	1,898	659	1,979	5,770
Native white—Mixed parentage	4,650	2,315	2,925	2,470	8,932	2,849	1,595	437	1,644	3,053
Foreign-born white	9,028	3,564	8,310	4,473	18,223	3,589	1,829	5,282	5,382	2,582
Number in 1900	6,702	2,919	5,919	2,359	12,678	4,148	2,622	897	2,664	1,603
<b>PER CENT OF TOTAL POPULATION.</b>										
Native white—Native parentage	45.7	49.1	30.5	58.5	44.1	49.3	58.2	44.9	56.0	38.6
Per cent in 1900	47.8	80.7	25.0	67.8	45.4	48.1	69.2	37.0	60.3	37.6
Native white—Foreign or mixed parentage	29.0	24.0	24.0	24.0	18.2	25.7	19.0	29.5	19.3	29.0
Per cent in 1900	26.2	30.0	29.8	21.8	23.8	27.9	18.7	35.0	18.8	35.1
Foreign-born white	19.6	18.4	32.0	16.1	21.9	21.2	17.8	23.8	17.4	21.7
Per cent in 1900	18.9	17.8	32.4	17.1	21.1	19.3	14.2	23.3	15.2	21.6
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Atlantic Islands	52	6	157	141	875	144	5		10	28
Australia	29	9	74	11	119	27	10		23	64
Austria	279	73	32	178	32	788	572	336	60	47
Canada—French	87	4	38	16	116	38	24	24	36	24
Canada—Other	660	184	309	403	1,852	491	239	68	213	376
Denmark	239	167	162	112	538	185	61	23	67	217
England	621	249	818	503	1,675	594	349	82	266	473
Finland	4	6	64	2	49	27	42	2	15	33
France	25	46	358	164	730	82	65	32	53	101
Germany	441	1,048	835	1,028	2,253	82	417	89	830	314
Greece	112	30	131	34	107	88	161	41	145	215
Hungary	22	48	1	13	48	21	13	1	8	20
Ireland	988	249	1,035	291	1,491	394	221	58	194	934
Italy	2,434	232	1,912	696	4,778	1,229	682	291	1,215	641
Mexico	4	193	93	32	432	31	19		17	57
Norway	143	21	93	102	108	36	91	10	52	76
Portugal	243	686	604	246	1,077	372	83	16	243	707
Russia	18	129	19	19	102	21	3		58	28
Scotland	202	72	276	227	415	142	73	19	50	173
Spain	20	20	26	87	86	9	218	6	2	176
Sweden	335	194	393	105	890	137	120	41	173	218
Switzerland	650	317	431	431	565	205	59	63	222	400
Turkey	36	2	17	9	36	5	3		3	33
Other foreign countries	191	48	206	77	424	119	150	39	47	108
<b>NATIVE WHITE: Both parents born in—</b>										
Austria	85	16	46	14	357	190	53	12	26	21
Canada—French	55	10	13	7	73	25	10		49	14
Canada—Other	221	46	118	89	418	138	68	18	75	140
Denmark	92	126	95	36	106	37	10	8	8	173
England	452	152	332	229	994	234	180	70	130	272
France	169	29	145	70	449	43	41	13	37	49
Germany	1,835	431	413	413	2,453	669	439	103	493	903
Ireland	1,369	279	1,361	337	2,069	450	341	139	299	1,541
Italy	1,572	67	940	327	2,626	93	314	83	104	397
Norway	90	20	62	59	79	18	54	6	19	74
Russia	612	9	63	15	45	4	7		7	21
Scotland	139	45	119	144	240	77	49	12	37	129
Sweden	354	111	144	44	654	61	48	29	125	261
Switzerland	147	706	144	216	144	147	24	94	24	107
All others of foreign parentage	1,626	1,150	1,807	1,063	4,805	1,241	456	144	605	1,733

1 For changes in boundaries, etc., see page 617.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	San Joaquin.	San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.	Siskiyou.	Solano.
<b>SEX</b>										
Total. Male	30,652	10,997	15,294	15,211	43,904	14,660	11,749	2,685	11,758	16,628
Female	20,679	8,386	11,361	12,527	38,635	12,990	7,171	1,413	7,943	10,850
White. Male	26,121	10,379	14,544	13,926	40,909	13,317	11,151	2,532	10,965	14,774
Female	20,218	8,314	11,277	12,356	38,890	11,842	6,722	1,378	6,448	10,648
Negro. Male	164	48	33	55	121	52	92	20	140	140
Female	145	29	34	55	141	31	67	9	20	110
<b>MALES OF VOTING AGE</b>										
Total number in 1900	21,714	6,951	10,153	10,141	29,124	9,254	8,309	2,084	8,141	11,989
Number in 1900	14,227	5,495	4,589	6,841	20,265	7,212	7,414	1,950	7,591	9,495
Native white—Native parentage	7,905	2,514	2,323	4,962	10,811	3,665	3,394	669	3,909	3,765
Number in 1900	5,697	2,392	3,390	2,979	7,679	2,975	3,911	633	3,039	3,630
Native white—Foreign or mixed parentage	3,452	1,373	2,212	1,430	5,864	1,676	1,407	477	1,421	2,756
Number in 1900	2,393	949	919	1,662	3,898	1,316	1,715	445	1,242	2,227
Native white—Foreign parentage	2,090	841	1,628	769	3,869	1,020	861	321	876	1,952
Native white—Mixed parentage	1,262	532	584	661	1,995	656	546	156	545	804
Foreign-born white	6,187	2,204	5,012	2,568	9,942	3,309	2,562	732	2,312	3,778
Number in 1900	4,062	1,836	2,404	3,069	6,784	2,530	1,837	628	1,665	2,236
Negro	108	33	17	39	96	31	71	18	113	113
Number in 1900	94	14	22	18	63	25	38	1	44	44
Indian, Chinese, Japanese, and all other	3,472	527	589	1,142	2,421	573	335	146	451	1,968
<b>PER CENT OF TOTAL</b>										
Native white—Native parentage	36.5	40.5	22.9	48.9	37.1	39.6	47.3	33.1	48.4	31.4
Native white—Foreign or mixed parentage	18.5	19.8	21.8	14.1	20.1	18.1	16.9	23.6	17.5	23.0
Foreign-born white	28.5	31.7	49.4	25.3	34.1	38.5	30.8	36.2	28.4	31.3
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>										
Naturalized	2,587	1,281	2,074	1,103	4,842	1,510	1,083	340	864	2,050
Having first papers	383	219	475	150	692	180	241	57	167	219
Alien	611	611	2,148	949	1,287	1,162	1,162	316	1,041	1,262
Unknown	1,314	193	315	366	1,189	332	130	25	220	247
<b>ILLITERACY</b>										
<b>ILLITERATE MALES OF VOTING AGE.</b>										
Total number illiterate	1,066	350	1,106	666	1,671	616	770	122	412	820
Per cent illiterate	4.9	5.0	10.9	6.6	5.7	6.7	9.3	6.0	5.1	7.7
Per cent in 1900	6.1	7.7	11.7	7.5	8.1	4.7	12.8	6.7	4.7	4.7
Native white, number illiterate	107	65	24	180	119	60	32	7	22	24
Per cent illiterate	1.6	0.7	0.5	1.3	1.1	0.6	0.6	0.4	0.6	0.5
Foreign-born white, number illiterate	570	215	941	303	1,238	474	553	44	224	622
Per cent illiterate	9.2	9.8	18.8	11.8	12.4	14.3	21.6	6.0	9.7	16.5
Negro, number illiterate	7	4	1	1	6	3	2	2	2	4
Per cent illiterate	6.5	11.9	5.6	2.8	6.2	9.5	2.8	1.1	1.5	3.4
<b>PERSONS 10 YEARS OLD AND OVER.</b>										
Total number	43,465	15,694	21,464	22,888	70,026	21,775	15,640	3,453	15,413	23,468
Number illiterate	1,612	626	1,884	1,094	3,073	991	1,132	156	744	1,328
Per cent illiterate	3.7	4.0	7.8	4.8	4.4	4.6	7.2	4.5	4.8	5.7
Native white, number	20,514	11,528	12,432	17,140	48,801	15,510	11,465	2,307	11,177	15,498
Number illiterate	228	963	56	396	297	119	62	9	70	70
Per cent illiterate	1.4	8.4	0.4	2.3	0.6	0.8	0.5	0.4	0.5	0.5
Foreign-born white, number	9,769	3,511	8,297	4,371	17,915	5,440	3,312	968	3,183	5,923
Number illiterate	947	369	1,465	484	2,331	752	672	57	333	634
Per cent illiterate	9.7	10.5	17.7	11.1	13.0	13.8	20.3	5.9	10.5	15.8
Negro, number	262	64	64	64	59	71	140	29	29	229
Number illiterate	19	14	1	4	13	3	8	3	3	13
Per cent illiterate	7.3	21.9	1.6	6.2	5.7	3.7	5.7	10.5	10.5	5.7
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>										
Total number	8,739	4,104	4,530	5,039	15,643	4,879	3,297	622	3,303	4,806
Number illiterate	94	61	122	67	183	61	107	5	90	69
Per cent illiterate	1.1	1.5	3.4	1.3	1.2	1.3	3.2	0.8	2.7	1.4
<b>SCHOOL AGE AND ATTENDANCE</b>										
Total number 6 to 20 years, inclusive	11,492	5,547	6,384	6,794	20,815	6,674	4,522	878	4,546	6,409
Number attending school	7,154	3,497	4,261	4,378	14,138	4,564	3,065	620	2,968	4,239
Per cent attending school	62.2	66.7	66.7	64.4	67.9	68.4	67.8	70.6	63.1	67.4
Number 6 to 9 years	2,754	1,438	1,514	1,755	5,172	1,795	1,225	256	1,213	1,605
Number attending school	2,096	1,138	1,498	1,413	3,810	1,376	942	217	934	1,340
Number 10 to 14 years	3,438	1,812	2,043	2,240	6,643	2,275	1,458	278	1,364	2,077
Number attending school	3,389	1,717	1,919	2,091	6,333	2,178	1,374	260	1,288	1,963
Number 15 to 17 years	2,404	1,131	1,185	1,364	4,480	1,306	813	149	544	1,244
Number attending school	1,296	661	670	803	2,825	801	571	100	544	784
Number 18 to 20 years	2,896	1,161	1,632	1,765	5,560	1,768	1,036	255	1,165	1,765
Number attending school	376	181	184	271	1,148	209	178	34	133	221
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>										
Total number	6,292	3,250	3,897	3,995	11,815	4,070	2,683	534	2,577	3,650
Number attending school	5,482	2,855	3,407	3,504	10,165	3,554	2,316	486	2,192	3,315
Per cent attending school	88.5	88.5	88.5	88.5	88.5	88.5	88.5	91.0	85.0	90.2
Native white—Native parentage, number	3,436	1,965	1,660	2,773	5,940	2,481	1,921	363	1,733	1,839
Number attending school	3,124	1,621	1,462	2,430	5,197	2,177	1,332	333	1,671	1,913
Per cent attending school	85.8	86.9	88.1	87.9	86.2	87.7	87.6	92.6	87.2	90.9
Native white—Foreign or mixed parentage, number	2,583	1,294	1,910	1,032	5,054	1,778	521	150	490	1,646
Number attending school	2,467	1,123	1,483	935	4,374	1,196	472	134	429	1,368
Per cent attending school	87.6	89.3	88.2	88.9	86.5	86.8	90.6	89.3	89.6	91.6
Foreign-born white, number	251	70	303	136	670	159	83	12	94	101
Number attending school	209	59	243	107	570	144	70	12	86	89
Per cent attending school	83.3	84.3	80.2	78.7	85.1	90.6	84.4	100.0	90.4	88.1
Negro, number	45	13	12	12	25	25	24	1	1	23
Number attending school	34	12	11	10	23	13	24	1	1	21
Per cent attending school	75.6	92.3	91.7	83.3	92.0	90.0	100.0	100.0	100.0	91.3
<b>DWELLINGS AND FAMILIES</b>										
Dwellings, number	10,616	4,408	5,026	6,777	19,810	6,826	4,212	1,002	4,425	6,037
Families, number	11,259	4,498	6,020	6,846	20,798	6,907	4,323	1,016	4,504	6,314

\* Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Sonoma.	Stanislaus.	Sutter.	Tebama.	Trinity.	Tulare. <sup>1</sup>	Tuolumne.	Ventura. <sup>1</sup>	Yolo.	Yuba.
<b>POPULATION</b>										
Total population, 1910 . . . . .	48,384	22,322	6,328	11,401	3,201	35,440	9,979	18,347	13,926	10,942
1900 . . . . .	38,199	9,550	5,886	10,996	4,383	18,375	11,166	14,367	13,618	8,620
1880 . . . . .	32,731	10,940	5,469	9,816	3,719	24,574	6,883	10,071	12,684	6,636
1886 . . . . .	25,926	8,751	5,159	9,301	4,999	11,281	7,848	8,073	11,772	11,284
1870 . . . . .	19,819	6,469	5,030	3,887	3,213	4,533	8,150	5,989	9,899	10,851
Increase, 1900-1910 . . . . .	9,914	12,972	442	405	-1,072	17,065	-1,187	3,980	308	1,422
Per cent of increase . . . . .	25.8	135.8	7.5	3.7	-24.7	92.9	-10.6	27.7	2.3	16.5
Increase, 1880-1900 . . . . .	5,719	-1,080	417	1,080	664	15,862	5,884	4,296	934	-1,016
Per cent of increase . . . . .	17.6	-9	7.6	10.9	17.9	83.6	83.6	42.7	7.4	-10.5
Land area (square miles). . . . .	1,577	1,450	608	2,883	3,166	4,856	2,190	1,878	1,014	639
Population per square mile, 1910 . . . . .	30.7	15.5	10.4	3.9	1.0	7.3	4.6	9.8	13.7	15.7
Rural population per square mile, 1910 . . . . .	22.0	12.8	10.4	2.7	1.0	5.2	4.6	6.8	10.6	7.2
<b>URBAN AND RURAL TENURE.</b>										
Urban, 1910—Places of 2,500 or more in 1910 . . . . .	13,697	4,634	—	5,359	10,004	—	—	5,500	3,187	5,430
Same places in 1900 . . . . .	10,544	2,024	—	2,750	—	5,301	—	2,470	2,886	3,937
Per cent of increase, 1900-1910 . . . . .	29.9	129.3	—	88.7	—	—	—	122.7	10.4	35.3
Rural, 1910—Remainder of county in 1910 . . . . .	34,687	18,488	6,328	7,871	3,201	25,439	9,979	12,847	10,739	4,612
Same territory in 1900 . . . . .	27,936	7,526	5,886	8,246	4,383	13,074	11,166	11,897	10,732	5,123
Per cent of increase, 1900-1910 . . . . .	24.2	145.7	7.5	-4.5	-24.7	94.6	-10.6	8.0	0.1	-10.0
Urban, 1900—Places of 2,500 or more in 1900 . . . . .	10,544	—	—	2,750	—	—	—	—	2,886	3,937
Rural, 1900—Remainder of county in 1900 . . . . .	27,936	9,550	5,886	8,246	4,383	15,290	11,166	14,367	10,732	5,123
Per cent in places of 2,500 or more, 1910 . . . . .	28.3	17.9	—	31.0	—	28.2	—	30.0	22.9	54.1
Per cent in places of 2,500 or more, 1900 . . . . .	27.4	—	—	25.0	—	16.8	—	21.2	21.2	40.6
<b>COLOR AND NATIVITY</b>										
White . . . . .	47,167	22,129	6,012	10,809	2,903	34,159	9,698	17,132	12,618	8,909
Number in 1900 . . . . .	37,735	9,253	4,451	9,878	5,803	17,709	10,804	15,836	12,663	7,651
Number in 1880 . . . . .	31,609	5,548	4,064	8,771	2,945	25,233	5,559	5,418	11,912	8,416
Negro . . . . .	43	89	10	47	8	100	14	64	290	203
Number in 1900 . . . . .	43	61	34	11	9	73	17	77	174	77
Number in 1880 . . . . .	45	61	47	55	27	55	119	118	118	118
Black . . . . .	28	62	9	32	3	99	12	48	136	184
Mexilian . . . . .	1	37	1	5	5	91	2	16	144	19
Ind., Chi., Jap., and all other (see Tables I and 17) . . . . .	1,184	304	306	501	390	1,091	267	1,151	1,028	930
Native white—Native parentage . . . . .	22,876	13,206	4,052	7,386	1,788	24,621	4,262	10,350	7,575	5,288
Number in 1900 . . . . .	19,535	6,677	5,637	6,637	2,168	15,357	4,638	8,618	5,478	4,578
Native white—Foreign or mixed parentage . . . . .	19,886	5,029	1,274	3,000	700	5,588	1,449	3,714	3,199	3,199
Number in 1900 . . . . .	10,911	2,193	1,227	2,638	278	2,847	5,740	5,255	5,274	2,514
Native white—Foreign parentage . . . . .	9,985	2,119	723	1,199	1,199	373	3,230	1,983	2,975	1,870
Native white—Mixed parentage . . . . .	4,905	1,910	552	969	327	2,369	1,165	1,639	1,639	933
Foreign-born white . . . . .	10,405	3,834	886	1,345	415	3,949	2,287	3,068	1,884	1,316
Number in 1900 . . . . .	7,511	1,453	587	1,153	1,559	1,655	2,578	1,983	1,740	1,089
<b>PER CENT OF TOTAL POPULATION</b>										
Native white—Native parentage . . . . .	47.3	58.9	64.0	64.8	54.2	69.5	47.7	56.4	54.4	52.7
Per cent in 1900 . . . . .	50.8	68.4	61.8	60.8	45.5	73.5	41.5	69.0	55.2	50.8
Native white—Foreign or mixed parentage . . . . .	28.7	22.3	20.1	18.2	21.2	15.5	31.6	20.2	22.7	23.0
Per cent in 1900 . . . . .	29.8	21.8	20.8	18.5	25.5	15.0	31.6	20.2	22.7	23.0
Foreign-born white . . . . .	21.5	17.0	10.8	11.8	12.6	11.1	22.9	16.7	15.5	13.1
Per cent in 1900 . . . . .	19.6	15.2	10.0	10.5	16.0	8.5	21.5	15.8	15.7	12.5
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Atlantic Islands . . . . .	87	69	—	12	1	5	14	9	4	1
Australia . . . . .	42	18	—	12	—	12	8	3	5	3
Austria . . . . .	122	35	7	32	20	117	164	31	22	19
Canada—French . . . . .	54	17	9	27	3	49	34	17	14	14
Canada—Other . . . . .	723	311	55	167	55	436	152	239	149	89
Denmark . . . . .	327	231	15	19	18	71	33	37	22	18
England . . . . .	699	232	71	133	38	253	302	216	178	125
Finland . . . . .	2	2	—	5	7	21	3	1	8	8
France . . . . .	329	106	24	26	19	72	46	106	10	46
Germany . . . . .	1,969	407	172	258	90	549	215	355	528	203
Greece . . . . .	13	28	4	39	1	17	1	62	250	66
Hungary . . . . .	23	9	4	11	13	4	4	4	5	5
Ireland . . . . .	223	153	53	158	46	125	166	142	210	205
Italy . . . . .	2,715	292	9	26	23	303	566	138	140	35
Mexico . . . . .	41	159	7	21	5	569	107	1,161	24	21
Norway . . . . .	144	128	15	45	3	34	28	34	13	25
Portugal . . . . .	346	518	55	77	19	303	84	90	163	88
Russia . . . . .	67	10	5	4	2	216	9	14	47	11
Scotland . . . . .	308	74	21	52	9	98	58	86	49	42
Spain . . . . .	27	51	8	21	—	11	52	68	22	33
Sweden . . . . .	353	49	58	58	27	108	45	64	39	34
Switzerland . . . . .	920	190	78	31	10	100	32	64	102	32
Turkey . . . . .	38	13	—	1	7	256	2	159	6	1
Other foreign countries . . . . .	308	78	16	108	16	74	84	109	62	40
<b>NATIVE WHITE: Both parents born in—</b>										
Australia . . . . .	57	28	5	13	6	95	37	9	19	14
Canada—French . . . . .	23	11	6	11	6	20	22	9	4	4
Canada—Other . . . . .	191	86	19	7	134	29	88	84	44	26
Denmark . . . . .	115	8	7	9	38	20	11	14	2	2
England . . . . .	408	198	74	101	28	180	281	119	148	128
France . . . . .	154	39	11	7	10	61	42	57	13	21
Germany . . . . .	2,049	284	98	262	99	793	243	404	733	326
Ireland . . . . .	1,117	258	101	187	81	234	374	198	252	442
Italy . . . . .	1,533	118	2	13	3	127	333	56	65	9
Norway . . . . .	94	56	7	20	6	21	11	11	9	6
Russia . . . . .	33	7	—	4	—	259	4	20	19	6
Scotland . . . . .	64	30	4	10	4	46	44	54	34	18
Sweden . . . . .	199	690	27	46	4	266	40	26	27	8
Switzerland . . . . .	749	67	26	6	1	86	20	50	39	10
All others of foreign parentage . . . . .	2,060	800	136	318	115	868	884	863	505	318

<sup>1</sup> For changes in boundaries, etc., see page 617.<sup>2</sup> See Note 2 on page 617.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare. <sup>1</sup>	Tuolumne.	Ventura. <sup>1</sup>	Yolo.	Yuba.
<b>SEX</b>										
Total. Male.....	26,113	12,828	3,710	6,883	2,166	19,817	6,993	10,620	8,162	6,433
Female.....	22,281	9,702	2,418	4,513	1,135	15,623	3,886	7,727	5,764	3,709
White. Male.....	25,190	12,508	3,434	6,111	1,898	18,759	5,406	9,499	7,061	5,479
Female.....	21,977	9,621	2,578	4,698	1,005	15,570	3,792	7,633	5,557	3,450
Negro. Male.....	25	53	4	40	5	118	13	32	188	103
Female.....	18	56	6	51	3	72	1	32	92	100
<b>MALES OF VOTING AGE</b>										
Total number.....	18,779	8,274	2,471	4,454	1,406	12,233	4,341	8,995	5,787	4,589
Number in 1900.....	15,021	3,601	2,382	4,335	2,968	5,191	5,042	4,979	5,214	3,859
Native white—Native parentage.....	6,741	4,299	1,276	2,485	758	7,563	1,448	3,130	2,546	2,021
Number in 1900.....	5,716	1,835	1,187	2,190	574	3,966	1,802	2,519	2,455	1,876
Native white—Foreign or mixed parentage.....	3,310	1,424	467	718	330	1,470	1,171	982	1,083	1,044
Number in 1900.....	2,146	665	444	583	111	775	1,308	734	784	866
Native white—Foreign parentage.....	2,248	963	294	329	262	889	554	555	524	601
Native white—Mixed parentage.....	1,062	521	173	279	128	581	347	427	359	353
Foreign-born white.....	5,967	2,363	430	828	328	2,394	1,586	1,750	1,212	961
Number in 1900.....	4,375	615	391	763	559	698	1,698	1,308	1,183	659
Negro.....	15	34	4	28	3	81	11	29	134	78
Number in 1900.....	11	39	11	32	3	37	10	39	62	53
Indian, Chinese, Japanese, and all other.....	737	222	244	372	187	795	125	1,023	812	755
<b>PER CENT OF TOTAL</b>										
Native white—Native parentage.....	40.2	51.1	51.6	55.8	47.2	61.8	33.4	45.3	44.0	41.6
Native white—Foreign or mixed parentage.....	19.7	17.2	13.9	16.1	20.5	12.6	27.0	14.2	18.2	21.5
Foreign-born white.....	35.6	28.6	19.4	13.1	20.4	19.0	36.5	25.3	33.7	18.8
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>										
Naturalized.....	3,000	1,070	273	515	221	938	827	642	713	439
Having first papers.....	305	182	29	33	33	188	142	60	102	56
Alien.....	1,700	661	167	188	41	788	527	760	369	286
Unknown.....	962	452	41	116	33	410	90	279	104	140
<b>ILLITERATE</b>										
<b>ILLITERATE MALES OF VOTING AGE.</b>										
Total number illiterate.....	875	327	237	198	152	511	302	573	163	577
Per cent illiterate.....	5.2	4.0	9.6	4.4	9.5	4.2	7.0	8.3	2.8	11.9
Per cent in 1900.....	4.9	4.6	9.5	4.4	9.0	4.4	6.0	9.3	7.6	6.9
Native white, number illiterate.....	206	91	14	28	5	54	22	94	39	46
Per cent illiterate.....	2.0	0.4	0.8	0.5	0.5	0.9	0.8	2.3	0.5	0.5
Foreign-born white, number illiterate.....	407	267	63	41	36	281	198	379	76	158
Per cent illiterate.....	8.3	11.3	13.1	4.8	11.0	12.1	12.5	21.7	6.3	16.4
Negro, number illiterate.....	2	1	1	3	1	13	1	1	33	5
Per cent illiterate.....									24.6	
<b>PERSONS 10 YEARS OLD AND OVER.</b>										
Total number.....	39,881	18,275	5,233	9,524	2,743	28,283	8,309	14,947	11,835	8,688
Number illiterate.....	1,737	1,482	296	295	206	851	467	1,035	238	692
Per cent illiterate.....	4.3	2.6	5.7	3.1	7.5	3.0	5.6	6.9	2.0	8.0
Native white, number.....	28,730	14,175	4,254	7,657	2,012	23,313	5,905	10,807	8,794	6,324
Number illiterate.....	568	37	38	26	14	104	36	220	38	32
Per cent illiterate.....	2.0	0.3	0.9	0.5	0.7	0.4	0.6	2.1	0.3	0.5
Foreign-born white, number.....	10,155	3,748	683	1,324	410	3,809	2,264	2,970	1,852	1,314
Number illiterate.....	874	396	93	136	48	601	291	694	167	206
Per cent illiterate.....	8.6	10.6	13.3	6.5	11.7	12.9	12.9	23.4	15.2	15.7
Negro, number.....	41	74	10	76	6	161	14	22	240	176
Number illiterate.....	3	3	3	5	1	25	2	3	39	6
Per cent illiterate.....						17.4			16.3	3.4
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>										
Total number.....	9,737	4,569	1,225	2,276	521	7,418	1,693	3,649	2,607	1,552
Number illiterate.....	310	43	16	21	11	107	43	125	16	46
Per cent illiterate.....	3.2	0.9	1.3	0.9	2.1	1.4	2.5	3.4	0.6	3.0
<b>SCHOOL AGE AND ATTENDANCE</b>										
<b>SCHOOL AGE 6 TO 20 YEARS, INCLUSIVE.</b>										
Total number.....	13,112	6,818	1,671	3,112	749	10,146	2,343	4,942	3,417	2,047
Number attending school.....	8,132	4,132	1,139	2,301	487	6,948	1,536	3,240	2,223	1,256
Per cent attending school.....	62.5	66.8	69.4	73.9	65.0	68.5	65.5	65.5	67.0	61.4
Number 6 to 9 years.....	3,370	1,649	446	836	228	2,728	650	1,294	1,040	495
Number attending school.....	2,233	1,132	340	700	146	2,107	522	1,039	624	332
Number 10 to 14 years.....	4,306	2,059	562	1,077	239	3,317	726	1,581	1,144	596
Number attending school.....	3,823	1,981	529	1,032	218	3,142	675	1,465	1,080	553
Number 15 to 17 years.....	2,714	1,222	316	622	141	2,013	331	971	695	455
Number attending school.....	1,577	502	219	435	94	1,338	276	569	430	288
Number 18 to 20 years.....	2,713	1,298	347	550	164	2,088	336	1,097	769	521
Number attending school.....	403	268	61	154	29	262	62	186	157	85
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>										
Total number.....	7,685	3,728	1,008	1,913	467	6,045	1,376	2,875	1,954	1,091
Number attending school.....	5,218	3,083	879	1,732	364	5,249	1,197	2,465	1,704	883
Per cent attending school.....	80.9	82.7	80.5	87.2	77.9	86.8	87.0	86.4	87.2	80.9
Native white—Native parentage.....	4,041	2,529	800	1,446	313	3,455	844	1,923	1,291	823
Number attending school.....	3,320	2,109	694	1,308	255	3,942	738	1,703	1,132	669
Per cent attending school.....	82.2	83.4	86.8	90.5	81.5	87.3	87.4	88.7	87.7	81.3
Native white—Foreign or mixed parentage, number.....	3,189	1,467	191	379	81	1,233	469	760	263	213
Number attending school.....	2,577	967	173	350	64	1,109	413	646	506	184
Per cent attending school.....	80.8	82.0	90.6	92.3	78.5	88.5	88.1	85.0	89.4	86.4
Foreign-born white, number.....	357	110	4	33	8	193	27	167	44	5
Number attending school.....	276	76	4	3	28	147	21	116	37	2
Per cent attending school.....	4	4	2	25	2	76.2	25	60.5	80	4
Negro, number.....	4	4	12	12	3	25	25	10	34	18
Number attending school.....	3	8	2	21	1	15	8	27	16	16
Per cent attending school.....										
<b>DWELLINGS AND FAMILIES</b>										
Dwellings, number.....	11,949	5,012	1,472	2,605	878	8,225	2,499	4,264	3,242	1,968
Families, number.....	12,114	5,356	1,491	2,697	883	8,431	2,554	4,323	3,309	2,073

<sup>1</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in domestic countries.

TABLE II.—COMPOSITION AND CHARACTERISTICS OF THE

[Per cent not shown where base is less than 100.]

SUBJECT.	TOTAL, CITIES NAMED.	Berkeley. <sup>1</sup>	Los Angeles. <sup>1</sup>	Oakland. <sup>1</sup>	Pasadena. <sup>1</sup>	Sacramento.	San Diego.	San Francisco.	San Jose.
<b>POPULATION</b>									
Total population, 1910.....	1,070,229	40,434	319,198	150,174	30,291	44,966	39,378	416,812	28,946
Number in 1900.....	693,034	13,314	195,609	66,940	9,117	29,382	17,700	342,782	15,500
1900.....	468,662	5,101	150,395	48,682	4,882	20,386	16,159	286,997	8,500
1880.....	216,321	11,183	34,555	15,221	21,420	2,637	233,959	12,647	7,066
1870.....	193,472	10,879	5,728	10,500	16,283	2,800	149,473	7,490	9,489
Increase, 1900-1910.....	467,195	27,220	216,719	83,234	21,174	15,414	21,878	74,310	13,440
Per cent of increase.....	77.5	206.0	211.5	124.3	232.2	52.6	123.6	21.6	34.6
Increase, 1880-1910.....	134,372	8,113	52,084	18,278	4,235	2,896	1,541	43,785	3,440
Per cent of increase.....	28.7	159.0	163.4	37.5	86.7	11.0	9.5	14.6	19.0
<b>COLOR AND NATIVITY</b>									
White.....	1,023,684	38,995	305,307	141,966	29,190	41,705	38,465	400,014	28,062
Number in 1900.....	673,240	15,368	98,067	67,748	6,761	27,476	17,077	325,378	20,690
Number in 1890.....	496,456	4,868	47,297	49,435	4,763	24,301	16,691	270,626	16,759
Negro.....	14,532	247	7,599	3,653	744	486	597	1,642	182
Number in 1900.....	8,019	66	4,071	1,699	418	262	315	1,624	209
Number in 1890.....	4,709	11	1,558	544	75	401	289	1,647	184
1880.....	8,785	80	5,101	1,434	499	270	398	881	123
1870.....	8,747	158	2,498	1,421	348	216	189	70	94
Indian.....	170	2	81	20	2	6	2	46	5
Chinese.....	18,459	451	1,954	3,699	102	1,054	348	10,582	359
Japanese.....	13,180	710	4,238	1,520	253	1,437	159	4,818	345
All other.....	184	29	19	14	14	8	1	110	3
Native white—Native parentage.....	434,574	19,470	169,967	55,198	19,026	19,821	22,350	115,599	13,174
Number in 1900.....	308,911	6,299	144,609	44,760	15,362	17,678	16,322	87,858	9,362
Number in 1890.....	226,812	11,863	74,750	49,936	9,607	12,999	8,549	153,781	9,061
1880.....	214,565	4,641	26,105	25,775	1,619	9,721	4,227	137,556	6,721
Native white—Foreign parentage.....	214,928	120	45,715	32,949	3,150	8,338	4,743	107,233	5,017
Number in 1900.....	111,887	4,743	20,041	16,987	2,717	4,661	3,806	46,488	3,444
Number in 1890.....	202,298	7,653	60,584	36,822	4,207	8,885	7,366	130,874	5,817
1880.....	155,564	3,961	17,917	16,223	1,719	5,413	5,571	104,864	4,045
<b>PER CENT OF TOTAL POPULATION.</b>									
Native white—Native parentage.....	40.6	48.2	53.2	36.8	62.9	44.3	57.0	27.7	45.5
Per cent in 1900.....	34.0	39.9	39.8	37.0	65.7	42.1	55.0	24.4	46.2
Native white—Foreign or mixed parentage.....	30.5	29.3	25.4	33.0	19.4	20.1	21.6	36.9	31.3
Per cent in 1900.....	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
Foreign-born white.....	24.5	18.9	19.0	24.5	14.2	19.9	18.6	31.4	20.1
Per cent in 1900.....	28.8	33.2	17.5	24.2	12.8	18.8	19.6	30.4	18.8
<b>SEX</b>									
Total.....Male.....	571,451	19,518	162,669	78,222	13,884	25,332	20,728	236,801	14,398
Female.....	498,778	20,916	156,528	71,952	16,407	19,364	18,832	180,011	14,547
White.....Male.....	536,815	18,450	153,092	72,350	13,013	22,806	19,948	222,829	13,727
Female.....	486,809	20,545	161,705	69,606	16,177	18,809	18,517	177,183	14,325
Negro.....Male.....	103	132	4,682	1,614	300	270	303	1,023	83
Female.....	1,134	145	3,917	1,441	402	216	297	617	99
<b>FOREIGN NATIONALITIES</b>									
<b>FOREIGN-BORN WHITE: Born in—</b>									
Australia.....	2,196	103	220	402	8	44	36	1,347	36
Austria.....	9,477	90	2,510	1,697	52	544	183	4,641	151
Canada—French.....	1,557	22	592	245	37	62	68	474	52
Canada—Other.....	20,122	914	7,657	2,881	903	678	922	5,687	473
Denmark.....	6,380	266	1,060	1,401	62	188	121	3,118	68
England.....	25,686	1,094	7,575	3,707	834	1,010	1,086	9,813	575
Finland.....	2,831	338	261	319	6	27	28	1,846	6
France.....	10,270	256	1,914	1,204	47	146	171	6,244	288
Germany.....	44,567	1,231	9,083	5,476	678	1,477	1,133	24,137	752
Greece.....	3,742	117	361	470	36	88	68	2,274	36
Holland.....	1,194	28	498	165	35	18	22	500	18
Hungary.....	2,459	34	819	248	16	49	37	1,247	9
Ireland.....	34,423	696	3,877	4,160	336	1,156	517	23,151	531
Italy.....	28,198	329	8,832	3,830	34	1,162	331	16,918	1,822
Mexico.....	9,414	75	1,041	611	349	1,222	1,768	1,114	144
Norway.....	6,350	220	1,033	996	94	85	150	3,709	33
Portugal.....	5,944	128	2,209	5,367	6	572	79	570	180
Russia.....	10,763	224	4,758	759	75	117	118	4,640	22
Scotland.....	7,671	344	1,589	1,322	154	206	265	3,668	123
Spain.....	1,746	11	384	101	5	34	20	1,170	21
Sweden.....	14,662	626	3,414	2,337	383	290	424	6,909	243
Switzerland.....	1,776	828	1,178	828	143	143	258	148	148
Wales.....	1,672	36	414	297	47	31	31	401	32
Other foreign countries.....	7,504	240	1,680	961	100	246	205	3,938	134
<b>NATIVE WHITE: Both parents born in—</b>									
Austria.....	3,600	40	742	365	280	100	77	1,674	58
Canada—French.....	803	24	289	147	14	33	40	227	29
Canada—Other.....	5,377	294	1,740	871	206	203	200	1,785	156
Denmark.....	3,059	240	588	804	32	136	25	1,159	63
England.....	12,689	576	3,607	2,135	417	789	507	4,235	423
France.....	5,087	176	1,155	600	30	86	67	2,687	196
Germany.....	50,345	1,540	12,494	6,150	991	2,093	1,306	24,753	996
Ireland.....	46,300	1,014	5,208	5,428	283	1,873	472	31,252	819
Italy.....	16,984	239	2,809	2,728	29	544	117	10,306	294
Norway.....	2,629	182	656	566	84	52	103	966	20
Russia.....	5,539	123	2,496	441	47	68	43	2,185	26
Scotland.....	3,803	172	942	841	82	133	99	1,572	92
Sweden.....	7,741	82	2,491	1,395	179	239	277	2,757	209
Switzerland.....	2,479	82	419	371	29	177	37	1,245	99
Wales.....	997	32	308	174	44	36	30	292	21
All others of foreign parentage.....	48,668	1,988	10,777	10,356	673	1,875	1,365	20,412	1,157

<sup>1</sup> For changes in boundaries, etc., see page 617.

# STATISTICS OF POPULATION.

## POPULATION FOR CITIES OF 25,000 OR MORE.

[Per cent not shown where base is less than 100.]

SUBJECT.	TOTAL CITIES NAMED.	Berkeley. <sup>2</sup>	Los Angeles. <sup>1</sup>	Oakland. <sup>1</sup>	Pasa- dena. <sup>1</sup>	Sacra- mento.	San Diego.	San Francisco.	San Jose.
<b>MALES OF VOTING AGE</b>									
Total number.....	410,053	12,622	114,889	53,967	9,262	18,777	14,824	175,851	9,761
Number in 1900.....	212,679	5,734	59,049	29,851	2,072	10,914	6,483	129,985	6,386
Native white—Native percentage.....	146,028	5,363	57,829	17,046	5,509	6,972	7,833	41,619	3,837
Native white in 1900.....	62,473	1,351	16,062	6,887	1,684	3,981	2,338	27,179	2,289
Native white—Foreign or mixed percentage.....	83,555	2,222	20,278	12,783	1,459	4,437	4,261	46,749	2,370
Number in 1900.....	40,478	699	6,769	4,888	339	2,762	2,624	33,479	1,544
Native white—Foreign percentage.....	64,752	1,790	13,083	8,892	845	3,051	1,505	33,960	1,536
Native white—Mixed percentage.....	28,548	1,032	7,145	3,791	614	1,386	956	12,789	844
Foreign-born white.....	143,216	3,667	29,576	19,324	1,772	5,331	8,845	75,768	2,963
Number in 1900.....	80,543	1,447	8,618	7,701	471	2,917	1,759	49,102	1,945
Negro.....	5,428	96	2,571	1,238	227	207	232	831	66
Number in 1900.....	2,901	632	632	355	76	153	618	377	85
Indian, Chinese, Japanese, and all other.....	23,081	754	4,683	3,566	295	1,840	433	10,993	525
<b>PER CENT OF TOTAL.</b>									
Native white—Native percentage.....	35.6	42.5	50.3	31.6	59.5	37.1	53.0	23.7	39.3
Native white—Foreign or mixed percentage.....	22.8	22.4	17.6	23.7	15.8	23.6	26.6	26.6	24.3
Foreign-born white.....	34.7	28.7	25.7	35.8	18.1	28.4	19.9	43.1	30.4
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>									
Naturalized.....	70,024	2,096	14,097	10,237	1,101	2,424	2,057	36,375	1,637
Having first papers.....	16,652	339	2,730	2,004	125	492	190	10,681	1,081
Alien.....	41,285	854	8,602	5,908	402	1,779	936	21,872	812
Unknown.....	14,255	338	4,087	1,125	144	726	602	6,840	333
<b>ILLITERATE</b>									
<b>ILLITERATE MALES OF VOTING AGE.</b>									
Total number illiterate.....	8,981	250	2,270	1,977	160	264	268	3,321	371
Per cent illiterate.....	2.2	1.9	1.9	3.6	1.7	1.4	1.8	1.9	3.8
Per cent in 1900.....	3.0	1.6	2.7	3.6	2.1	1.4	2.5	2.8	6.6
Native white, number illiterate.....	543	9	163	111	32	15	26	158	29
Per cent illiterate.....	0.2	0.1	0.2	0.4	0.5	0.1	0.3	0.2	0.5
Foreign-born white, number illiterate.....	6,921	203	1,806	1,494	77	170	210	2,683	278
Per cent illiterate.....	4.8	5.7	4.3	7.7	4.5	3.2	5.5	9.4	9.4
Negro, number illiterate.....	235	1	115	34	9	9	23	43	4
Per cent illiterate.....	4.3	4.3	4.5	2.7	4.0	4.3	9.9	5.2	.....
<b>PERSONS 10 YEARS OLD AND OVER.</b>									
Total number.....	824,117	34,354	275,883	126,914	26,259	38,973	34,300	362,826	24,628
Number illiterate.....	19,472	475	5,258	3,863	319	534	545	7,697	791
Per cent illiterate.....	2.4	1.4	1.9	3.0	1.2	1.4	1.6	2.1	3.2
Native white, number.....	625,684	25,551	204,820	83,508	21,102	27,476	26,126	218,383	18,118
Number illiterate.....	1,849	18	806	335	78	56	67	1,537	72
Per cent illiterate.....	0.3	0.1	0.2	0.4	0.4	0.2	0.3	0.2	0.4
Foreign-born white, number.....	256,635	7,501	58,666	36,042	4,184	8,748	7,131	128,672	5,691
Number illiterate.....	15,994	394	4,101	3,090	159	373	412	5,987	638
Per cent illiterate.....	6.2	5.2	7.0	8.3	3.9	4.3	5.8	4.7	11.2
Negro, number.....	12,338	211	6,528	2,656	632	433	641	1,880	157
Number illiterate.....	678	8	389	87	38	24	32	76	4
Per cent illiterate.....	5.4	3.8	6.0	3.3	6.0	5.5	9.6	5.1	2.5
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>									
Total number.....	175,946	7,809	52,846	25,669	5,047	7,273	6,516	65,557	5,229
Number illiterate.....	1,566	25	520	242	37	34	69	653	36
Per cent illiterate.....	0.9	0.3	1.0	0.9	0.7	0.5	1.1	0.9	0.7
<b>SCHOOL AGE AND ATTENDANCE</b>									
Total number 5 to 20 years, inclusive.....	230,029	10,650	69,036	34,153	6,621	9,281	8,852	85,368	6,886
Number attending school.....	145,723	7,466	44,995	22,253	4,814	5,485	5,806	50,122	4,776
Per cent attending school.....	63.3	70.3	65.2	65.2	72.7	58.5	67.9	58.7	69.5
Number 6 to 9 years.....	54,083	2,241	16,190	8,484	1,574	2,108	2,036	19,811	1,639
Number attending school.....	44,622	1,833	14,077	6,786	1,308	1,608	1,758	15,805	1,577
Number 10 to 14 years.....	69,049	3,095	20,999	10,468	2,116	2,733	2,699	24,822	2,117
Number attending school.....	64,535	2,993	19,624	10,031	2,017	2,476	2,467	22,854	2,033
Number 15 to 17 years.....	46,672	2,228	11,234	6,692	1,405	2,007	1,765	17,847	1,487
Number attending school.....	26,536	1,641	8,066	3,974	994	1,025	1,104	9,778	954
Number 18 to 20 years.....	38,830	2,496	17,513	8,202	1,526	2,533	2,052	22,893	1,625
Number attending school.....	10,030	1,009	3,228	1,452	495	516	477	9,991	392
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>									
Total number.....	123,132	5,336	37,189	15,952	3,690	4,843	4,735	44,633	3,756
Number attending school.....	100,107	4,816	33,701	16,827	3,325	4,144	4,255	38,659	3,430
Per cent attending school.....	88.7	90.3	90.6	88.8	90.1	85.6	89.9	86.6	91.3
Native white—Native percentage, number.....	59,791	2,887	21,179	8,371	2,586	2,946	2,832	17,005	1,971
Number attending school.....	53,053	2,566	19,107	7,419	2,360	2,507	2,379	14,960	1,775
Native white—Foreign or mixed percentage, number.....	88.7	89.6	90.5	88.6	91.5	85.1	86.2	86.2	90.1
Native white—Foreign or mixed percentage, number.....	51,835	2,105	12,076	8,819	886	1,118	1,470	23,419	1,535
Number attending school.....	46,378	1,923	11,075	2,890	780	1,318	1,347	20,609	1,456
Per cent attending school.....	89.5	91.3	91.7	89.5	88.0	86.8	91.3	88.0	93.6
Foreign-born white, number.....	8,416	241	2,820	1,145	128	216	336	3,324	206
Number attending school.....	7,237	218	2,455	1,007	101	191	265	2,813	187
Per cent attending school.....	86.0	90.5	87.1	87.9	78.9	88.4	78.9	84.6	90.8
Negro, number.....	1,416	36	868	247	82	35	46	138	14
Number attending school.....	1,416	36	868	247	82	35	46	138	14
Per cent attending school.....	90.3	.....	93.0	88.2	.....	.....	.....	80.6	.....
<b>DWELLINGS AND FAMILIES</b>									
Dwell									

TABLE III.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR CITIES OF 10,000 TO 25,000.

SUBJECT.	TOTAL, CITIES NAMED.	Ala- bama.	Bakers- field. <sup>1</sup>	Euro- ka.	Fresno. <sup>1</sup>	Long- Beach.	Po- mona.	Red- lands.	River- side.	San Bernar- dino.	Santa Bar- bara.	Santa Cruz.	Stock- ton.	Val- jejo.	
<b>COLOR AND NATIVITY</b>															
Total population, 1910	196,701	23,383	12,827	11,845	24,882	17,209	10,207	10,499	15,212	12,779	11,468	11,146	12,240	11,340	
1900	105,512	16,464	8,737	7,327	12,470	8,252	5,236	4,747	7,973	6,150	6,587	6,569	23,565	17,965	
Native white—Native parentage	106,076	8,831	5,224	4,307	12,619	12,236	7,008	6,784	8,844	7,527	7,008	6,178	11,061	4,807	
Native white—Foreign or mixed parentage	5,831	5,036	2,923	3,843	4,951	3,086	1,627	1,971	2,496	2,668	2,305	2,827	6,455	4,600	
Foreign-born white	35,717	5,174	3,724	3,608	5,445	1,942	882	1,346	2,156	2,243	1,742	1,935	4,474	2,045	
Negro	2,152	21	262	19	250	100	27	136	421	177	77	117	77	224	
Indo., Chl., Jap., and all other	6,539	739	551	26	1,520	155	63	268	1,285	164	416	28	1,176	224	
<b>FOREIGN NATIONALITIES</b>															
<b>FOREIGN-BORN WHITE: Born in—</b>															
Australia	189	66	12	13	17	8	2	4	9	14	4	9	18	13	
Canada	817	105	47	137	137	115	7	30	37	45	23	49	145	37	
Denmark	4,742	559	165	909	300	486	227	294	592	237	224	241	367	149	
England	960	243	127	75	234	52	22	16	27	37	32	30	169	38	
France	3,903	766	162	134	285	461	101	181	294	232	276	276	386	239	
Finland	502	36	25	479	1	1	1	4	3	1	1	1	13	14	
Germany	1,156	242	170	24	180	24	28	26	54	37	39	39	189	54	
Greece	4,542	1,235	211	227	364	262	114	173	125	275	235	274	733	314	
Holland	386	142	10	11	39	4	5	2	3	6	8	30	56	72	
Ireland	146	16	14	14	34	16	2	27	11	3	5	9	18	4	
Italy	2,984	459	103	346	165	119	37	101	86	115	153	171	627	502	
Japan	3,299	483	103	356	602	9	3	6	128	73	283	370	740	90	
Mexico	2,821	83	332	4	262	122	116	206	456	888	388	123	123	188	
Norway	732	135	10	313	15	30	10	22	21	15	45	13	61	39	
Portugal	702	74	24	17	150	2	1	4	5	4	11	161	134	89	
Russia	1,697	43	31	24	1,192	55	10	15	8	33	7	7	151	31	
Scotland	1,183	218	35	66	96	129	30	56	97	39	100	61	117	169	
Spain	261	18	31	2	93	6	2	2	10	4	39	7	44	3	
Sweden	1,696	386	55	284	129	76	34	19	159	64	49	52	147	99	
Switzerland	505	76	39	49	21	13	13	11	19	20	33	33	93	33	
Turkey	1,097	5	19	5	193	12	1	4	11	12	8	1	14	21	
Other foreign countries	878	173	36	73	90	58	17	31	32	62	39	58	133	78	
<b>NATIVE WHITE: Both parents born in—</b>															
Austria	312	56	21	23	55	5	7	33	8	18	5	23	45	13	
Canada	1,628	156	81	509	111	87	95	70	163	60	60	73	124	51	
Denmark	592	177	12	44	176	23	13	4	8	35	21	13	46	20	
England	2,131	378	72	66	128	267	122	113	113	160	125	113	244	162	
France	638	128	126	12	64	17	14	29	35	26	23	24	115	22	
Germany	5,437	1,315	232	296	469	405	254	219	228	342	326	289	834	588	
Ireland	3,970	613	175	233	259	158	60	162	90	129	154	206	884	368	
Italy	1,715	296	61	94	342	10	3	35	43	116	174	455	375	8	
Norway	438	55	9	158	17	29	8	22	24	9	22	8	40	37	
Russia	731	28	18	31	51	32	8	1	6	10	11	10	17	17	
Scotland	1,118	156	29	47	53	62	33	29	34	37	46	31	79	90	
Sweden	1,087	231	24	185	134	52	22	61	166	43	27	28	54	29	
Switzerland	436	38	65	9	66	22	6	10	13	12	14	4	29	9	
All others of foreign parentage <sup>1</sup>	7,538	1,263	363	689	1,057	364	163	375	405	573	341	453	859	633	
<b>SEX</b>															
Total—Male	102,789	11,648	7,412	6,897	13,328	8,920	4,943	5,202	7,913	6,737	6,714	5,448	12,854	6,889	
Female	93,912	11,735	5,415	4,948	11,554	8,289	5,264	5,297	7,299	6,032	4,754	5,698	10,386	4,450	
White—Male	96,126	10,993	6,798	6,574	11,840	8,107	4,871	4,896	6,789	5,644	5,235	5,313	11,849	6,266	
Female	87,586	11,449	6,768	6,228	11,173	6,447	4,246	4,155	6,736	5,804	5,262	5,163	10,033	4,635	
Negro—Male	1,023	95	6	114	47	1	19	19	159	81	36	33	81	125	
Female	1,131	116	139	13	136	53	10	17	231	96	41	25	95	129	
<b>MALES OF VOTING AGE</b>															
Total number	70,229	7,788	5,354	4,540	8,777	5,863	3,164	3,498	5,157	4,506	3,871	3,660	9,685	4,866	
Native white—Native parentage	33,659	2,371	1,307	1,303	4,024	3,648	2,137	1,913	2,774	2,368	1,971	1,715	3,896	1,936	
Native white—Foreign or mixed parentage	12,820	2,071	714	901	1,613	863	478	494	667	770	629	723	2,049	1,408	
Foreign-born white	18,529	2,842	1,036	2,228	2,487	901	438	649	1,965	1,668	877	1,064	2,679	1,195	
Negro	694	6	6	74	32	8	47	107	54	29	21	71	162	61	
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>															
Naturalized	8,923	1,720	308	1,076	1,066	470	219	372	454	377	417	546	1,074	884	
Having first papers	1,200	241	28	182	166	100	29	79	73	49	49	39	127	91	
Alien	5,499	817	774	814	998	416	76	189	428	422	299	320	855	139	
Unknown	2,997	107	388	156	317	197	127	59	118	220	172	159	626	81	
<b>ILLITERACY</b>															
Total number 10 years old and over	188,662	19,982	10,652	10,005	20,283	15,483	8,824	8,806	12,928	10,835	8,858	9,388	20,466	9,744	
Number illiterate	4,774	216	306	96	1,241	82	135	148	480	651	468	255	653	108	
Native white 10 years old and over	124,386	13,655	8,254	6,426	13,504	13,862	7,562	7,105	9,303	8,110	7,648	7,317	14,807	7,303	
Number illiterate	776	257	176	77	1,011	56	88	96	288	360	268	156	1,116	12	
Foreign-born white 10 years old and over	54,132	5,849	1,874	3,559	5,076	1,862	846	1,325	2,078	2,120	1,711	1,926	4,181	2,017	
Number illiterate	3,381	153	170	83	1,065	53	77	107	323	408	123	197	880	89	
Negro 10 years old and over	11,824	170	27	293	80	30	24	74	319	157	66	117	207	18	
Number illiterate	138	22	14	20	10	5	7	26	16	2	2	8	39	8	
Illiterate males of voting age	2,447	127	203	67	518	40	69	60	259	326	268	165	288	57	
<b>SCHOOL AGE AND ATTENDANCE</b>															
Total number 6 to 20 years, inclusive	48,559	5,897	2,782	2,809	6,208	4,961	2,714	2,802	4,068	3,168	2,727	2,689	4,707	2,372	
Number attending school	31,694	4,017	1,722	1,834	3,841	3,111	1,889	1,820	3,049	2,078	1,878	1,813	2,788	1,546	
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>															
Total number	26,135	3,086	1,588	1,547	3,491	2,343	1,571	1,512	2,181	1,875	1,646	1,506	2,346	1,293	
Number attending school	23,176	2,937	1,368	1,377	3,102	2,138	1,362	1,316	1,766	1,466	1,373	1,289	1,889	1,055	
Native white—Native parentage	16,239	1,434	1,311	669	1,762	1,554	1,285	1,093	1,299	1,294	1,106	1,041	1,451	666	
Number attending school	14,852	1,357	1,009	559	1,511	1,735	1,147	1,015	1,192	1,116	1,062	914	1,201	626	
Native white—Foreign or mixed parentage	7,710	1,296	377	796	1,113	492	229	353	865	499	367	463	877	571	
Number attending school	6,948	1,296	289	711	882	375	214	321	446	390	333	408	687	335	
Foreign-born white	1,444	136	57	74	511	72	43	50	106	106	70	46	90	21	
Number attending school	1,202	136	27	43	473	68	34	42	78	117	68	39	71	207	
Negro	214	4	26	20	45	13	4	13	84	27	7	7	23	24	
Number attending school	279	36	24	26	40	12	3	12	79	23	6	7	17	29	
<b>DWELLINGS AND FAMILIES</b>															
Dwellings, number	45,963	5,451	2,557	2,590	5,188	4,769	2,567	2,565	3,264	3,144	2,874	3,097	4,566	2,440	
Families, number	48,651	5,879	2,861	2,739	5,757										

STATISTICS OF POPULATION.

TABLE IV.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR PLACES OF 2,500 TO 10,000.

SUBJECT.	TOTAL PLACES NAMED.	Alham-bra. <sup>1</sup>	Anshelm.	Chico.	Coalinga.	Colton.	Corona.	Emery-valle.	Glendale. <sup>1</sup>	Grand Valley.	Hanford.	Hayward.
<b>SEX, COLOR, AND NATIVITY</b>												
Total population, 1910	202,869	5,021	2,628	3,750	4,199	3,880	3,540	2,613	2,746	4,820	4,829	2,746
1910	98,569		1,456	2,640		1,285	1,454	1,016		4,719	2,929	1,965
Male	107,261	2,559	1,413	2,012	2,577	2,124	1,914	1,643	1,340	2,306	2,541	1,370
Female	95,548	2,462	1,215	1,738	1,622	1,856	1,626	970	1,406	2,214	2,288	1,376
Native white—Native parentage	112,009	3,021	1,199	2,503	3,130	1,845	2,359	917	1,894	1,479	3,061	765
Native white—Foreign or mixed parentage	49,485	966	796	681	613	794	561	965	830	1,979	761	1,189
Foreign-born white	34,369	983	594	331	397	1,312	604	636	282	989	705	757
Negro	1,055	18	53	2	11	1	1	15	84	2	128	2
Indian, Chinese, Japanese, and all other	5,290	33	39	182	57	18	1	1	40	71	234	33
<b>MALES OF VOTING AGE</b>												
Total number	72,530	1,718	824	1,499	1,855	1,278	1,232	1,141	882	1,471	1,476	859
Native white—Native parentage	35,162	901	308	860	1,398	545	740	326	563	276	906	191
Native white—Foreign or mixed parentage	13,950	224	205	273	244	143	157	323	158	604	174	201
Foreign-born white	18,857	685	272	206	262	278	348	374	130	833	399	377
Naturalized	9,382	174	162	117	86	85	79	224	62	400	136	206
Negro	579	6			1	4	7	50		2	39	2
<b>ILLITERACY</b>												
Total number 10 years old and over	170,274	4,287	2,136	3,325	3,528	3,231	2,834	2,218	2,336	3,478	3,871	2,289
Number illiterate	6,867	232	30	108	44	898	478	40	236	8	856	168
Native white 10 years old and over	130,477	3,255	1,530	2,775	3,085	1,941	2,246	1,499	2,017	2,642	2,987	1,518
Number illiterate	707	19	5	1	1	32	42	3	12	8	49	12
Foreign-born white 10 years old and over	33,414	964	567	325	385	1,102	575	626	274	968	664	746
Number illiterate	4,918	362	25	26	41	857	230	23	7	38	172	156
Negro 10 years old and over	1,426	15		5	1	11	12	82		2	161	2
Number illiterate	120			6		4	13				11	
Illiterate males of voting age	3,761	331	13	75	43	475	240	20	11	28	130	83
<b>SCHOOL AGE AND ATTENDANCE</b>												
Total number 6 to 20 years, inclusive	49,292	1,189	792	794	777	1,106	921	682	639	1,248	1,235	754
Number attending school	33,678	864	565	535	396	711	610	370	476	964	796	518
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>												
Native white, number	26,637	652	473	381	412	510	505	334	371	786	600	415
Number attending school	23,647	599	435	337	317	459	444	292	330	742	518	390
Foreign-born white, number	1,283	31	40	9	17	179	33	13	9	32	51	26
Number attending school	1,039	26	38	3	12	115	21	9	8	32	41	26
Negro, number	252	2		4	1	2	2	6			28	
Number attending school	224	2		4	1	2	2	6			27	
<b>DWELLINGS AND FAMILIES</b>												
Dwellings, number	48,664	1,209	620	906	915	867	804	524	755	1,082	1,145	691
Families, number	61,980	1,342	639	984	984	1,011	918	722	733	1,105	1,175	717
<b>SEX, COLOR, AND NATIVITY</b>												
Total population, 1910	2,687	5,440	3,102	2,561	4,634	3,578	4,823	5,791	2,689	3,119	4,274	2,820
1910		3,497	1,969		2,624	1,353	1,748	4,036	3,550		722	1,216
Male	1,389	3,641	1,879	1,271	2,201	1,674	3,064	2,905	1,420	1,454	2,221	1,391
Female	1,308	1,889	1,223	1,290	1,833	1,902	1,859	2,896	1,209	1,665	2,053	1,529
Native white—Native parentage	1,496	2,538	1,460	1,025	2,544	2,336	2,753	2,697	1,052	1,861	2,846	2,031
Native white—Foreign or mixed parentage	710	1,253	716	864	808	888	1,145	1,801	1,046	663	745	882
Foreign-born white	387	764	715	581	449	417	671	1,112	518	536	581	291
Negro	14	188	30		78	121	46	20	2	33	8	
Indian, Chinese, Japanese, and all other	84	687	181	84	365	14	310	101	71	26	94	10
<b>MALES OF VOTING AGE</b>												
Total number	967	2,886	1,366	886	1,537	1,104	2,218	1,980	926	1,000	1,418	898
Native white—Native parentage	458	1,150	539	284	538	671	1,202	776	279	584	832	584
Native white—Foreign or mixed parentage	176	568	226	240	349	190	433	516	305	163	181	151
Foreign-born white	238	551	449	308	350	265	436	597	287	249	283	145
Naturalized	144	268	107	151	175	119	182	347	119	146	155	91
Negro	1	68			25	25	15	9	1	11	4	
<b>ILLITERACY</b>												
Total number 10 years old and over	2,240	4,907	2,649	2,157	3,403	3,029	4,241	4,910	778	2,267	3,558	2,445
Number illiterate	41	376	178	27	51	68	104	78	14	4	84	27
Native white 10 years old and over	1,779	3,345	1,746	1,511	2,512	2,504	3,254	3,676	1,079	2,118	2,801	2,141
Number illiterate	29	7	12	1	5	15	40	20	2	3	14	9
Foreign-born white 10 years old and over	382	763	697	567	441	403	665	1,089	512	522	565	288
Number illiterate	29	72	27	19	24	33	30	53	12	1	9	17
Negro 10 years old and over	7	101	26		63	33	19	19	2	31	8	
Number illiterate		3	5		3	14	3	4			1	
Illiterate males of voting age	28	324	217	15	34	34	58	26	7	2	11	9
<b>SCHOOL AGE AND ATTENDANCE</b>												
Total number 6 to 20 years, inclusive	728	908	663	668	829	847	960	1,353	685	665	1,131	768
Number attending school	504	482	418	397	539	617	540	910	518	467	823	631
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>												
Native white, number	408	355	305	294	476	438	495	739	413	383	615	451
Number attending school	379	294	269	270	376	398	477	377	349	248	571	388
Foreign-born white, number	3	2	27	28	12	14	5	20	11	15	24	8
Number attending school	3	3	25	26	8	12	5	15	11	15	20	8
Negro, number	6	18	4		12	3	1	1	1	1	1	
Number attending school	6	16	3		8	30	5	1	1	1	1	
<b>DWELLINGS AND FAMILIES</b>												
Dwellings, number	682	902	658	672	906	978	1,083	1,410	661	848	1,136	773
Families, number	710	963	676	686	1,017	994	1,125	1,335	707	928	1,173	816

<sup>1</sup> For changes in boundaries, etc., see page 617.

TABLE IV.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR PLACES OF 2,500 TO 10,000—Continued.

SUBJECT.	Oroville.	Oxnard.	Palo Alto.	Petaluma.	Porterville.	Red Bluff.	Redding.	Redondo Beach.	Richmond.	Roseville.	Salinas.	San Leandro.	San Luis Obispo.
<b>SEX, COLOR, AND NATIVITY</b>													
Total population, 1910.....	3,859	2,555	4,486	5,889	2,696	3,530	3,572	2,935	6,802	2,608	3,736	3,471	5,167
1900.....	1,668		3,871			2,750	2,946	855			3,304	2,253	3,621
Male.....	2,328	1,571	2,108	2,886	1,463	1,790	2,005	1,552	4,045	1,599	1,993	1,793	2,788
Female.....	1,531	984	2,388	2,994	1,233	1,740	1,567	1,383	2,757	1,009	1,743	1,678	2,369
Native white—Native parentage.....	2,105	907	2,543	2,632	2,078	2,312	2,103	1,870	3,238	1,601	1,827	844	2,940
Native white—Foreign or mixed par.....	884	669	1,063	2,027	319	692	896	671	1,771	382	1,111	1,496	1,872
Foreign-born white.....	532	618	720	1,186	238	374	530	463	1,460	362	623	1,108	707
Negro.....	33	38	25	2	21	39	114	14	29	9	21		17
Ind., Chi., Jap., and all other.....	305	383	159	33	20	112	19	17	124	54	154	23	121
<b>MALES OF VOTING AGE</b>													
Total number.....	1,782	1,141	1,452	1,834	698	1,161	1,362	1,067	2,884	1,115	1,335	1,080	1,867
Native white—Native parentage.....	784	316	734	673	608	708	724	698	1,190	598	821	197	881
Native white—Foreign or mixed par.....	360	158	273	529	117	192	274	133	508	203	335	309	459
Foreign-born white.....	366	334	354	600	157	182	346	262	1,072	259	358	559	424
Negro.....	148	108	108	377	57	113	211	116	427	99	235	279	205
Negro.....	12	12	10	1	5	7	43	9	13	5	8		10
<b>ILLITERACY</b>													
Total number 10 years old and over.....	2,388	2,152	3,864	4,888	2,180	2,941	3,041	2,426	5,638	2,135	3,134	2,768	4,301
Number illiterate.....	82	243	2,924	2,831	82	83	59	138	82	13	82	415	78
Native white 10 years old and over.....	2,567	1,164	3,264	3,682	1,900	2,439	2,405	1,953	5,836	1,720	2,355	1,678	3,470
Number illiterate.....	2	18	4	9	5	6	5	16	7	1	33	36	47
Foreign-born white 10 years old and over.....	518	593	710	1,171	246	370	523	441	1,607	353	615	1,067	701
Number illiterate.....	46	177	10	66	28	34	46	116	72	11	38	389	28
Negro 10 years old and over.....	24	31	23	2	14	28	97	14	24	8	20		16
Number illiterate.....	2	3	2		4	7	2	1	1	1	1		2
Illiterate males of voting age.....	72	133	7	35	27	48	27	75	45	7	21	217	27
<b>SCHOOL AGE AND ATTENDANCE</b>													
Total number 6 to 20 years, inclusive.....	819	569	1,025	1,507	675	971	857	633	1,466	570	983	985	1,327
Number attending school.....	503	379	822	942	437	713	658	412	924	353	764	729	934
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>													
Native white, number.....	398	277	532	548	370	578	430	342	815	317	457	558	757
Number attending school.....	344	263	492	702	295	530	384	394	687	293	497	540	672
Foreign-born white, number.....	5	46	23	28	12	6	18	24	53	11	11	57	5
Number attending school.....	9	6	2	2	8	4	15	47	11	1	9	51	4
Negro, number.....	9	6	2		4	13	19		1	2	4		
Number attending school.....	9	4			4	12	19		1	2	4		
<b>DWELLINGS AND FAMILIES</b>													
Dwellings, number.....	860	606	1,101	1,510	690	821	767	819	1,594	569	955	851	1,190
Families, number.....	903	606	1,160	1,566	684	885	828	864	1,577	662	932	887	1,236
<b>San Mateo. San Rafael. Santa Ana. Santa Clara. Santa Monica. Santa Rosa. South Pasadena. Tulare. Ventura. Visalia. Watsonville. Whittier. Woodland.</b>													
<b>SEX, COLOR, AND NATIVITY</b>													
Total population, 1910.....	4,384	5,934	8,429	4,348	7,847	6,817	4,649	2,758	2,945	4,560	4,446	4,650	3,187
1900.....	1,832	3,879	4,953	3,650	3,057	7,673	1,001	2,216	2,410	3,083	3,528	1,590	2,886
Male.....	2,317	3,181	3,984	2,238	3,775	3,802	2,200	1,502	1,554	2,384	2,282	2,198	1,617
Female.....	2,067	2,753	4,445	2,110	4,072	4,015	2,449	1,256	1,391	2,166	2,164	2,355	1,570
Native white—Native parentage.....	1,785	1,912	6,079	1,532	4,662	4,397	3,105	1,978	1,995	3,076	2,147	4,632	1,935
Native white—Foreign or mixed par.....	1,450	2,090	1,413	1,628	1,659	1,970	857	397	533	800	1,208	559	679
Foreign-born white.....	1,051	1,747	884	1,135	1,248	1,318	558	260	345	491	900	331	374
Negro.....	27	24	38	49	87	120	110	51	51	144	184		82
Ind., Chi., Jap., and all other.....	91	191	115	49	87	138	110	118	51	144	184		82
<b>MALES OF VOTING AGE</b>													
Total number.....	1,517	2,148	2,581	1,375	2,462	2,504	1,462	984	1,023	1,554	1,495	1,411	1,128
Native white—Native parentage.....	626	536	1,773	336	1,375	1,273	888	618	583	947	586	1,059	600
Native white—Foreign or mixed par.....	374	541	392	358	422	220	126	168	218	288	285	165	296
Foreign-born white.....	538	832	400	597	576	667	264	146	322	273	516	165	219
Naturalized.....	338	496	246	287	263	376	149	32	110	129	277	83	152
Negro.....	7	8	9	2	49	9				14			30
<b>ILLITERACY</b>													
Total number 10 years old and over.....	3,657	5,037	7,192	3,577	6,582	6,817	3,955	2,279	2,456	3,773	3,673	3,807	2,765
Number illiterate.....	9	418	92	249	122	66	20	186	69	84	255	29	266
Native white 10 years old and over.....	2,461	3,110	6,304	2,453	5,138	5,207	3,285	2,067	3,149	2,635	3,458	2,332	2,322
Number illiterate.....	4	16	23	11	46	11	1	6	35	16	24	6	6
Foreign-born white 10 years old and over.....	1,014	1,720	848	1,089	1,204	1,285	545	290	334	468	885	323	272
Number illiterate.....	8	335	63	223	59	48	15	95	33	51	187	14	12
Negro 10 years old and over.....	24	22	27	4	191	12	18	5	21	39	7		79
Number illiterate.....	2		6	1	12	1	1						6
Illiterate males of voting age.....	5	239	28	116	44	24	12	119	34	29	130	11	15
<b>SCHOOL AGE AND ATTENDANCE</b>													
Total number 6 to 20 years, inclusive.....	1,068	1,403	2,159	1,256	1,893	1,878	1,047	748	769	1,189	1,153	1,176	768
Number attending school.....	685	993	1,607	863	1,318	1,235	806	488	512	822	792	976	658
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>													
Native white, number.....	584	699	1,168	645	1,078	1,022	606	416	427	631	640	684	418
Number attending school.....	519	636	1,087	587	946	887	561	348	357	572	617	617	388
Foreign-born white, number.....	29	40	18	64	57	43	19	19	15	1	16	12	3
Number attending school.....	27	36	39	61	44	42	14	3	7	12	13	11	3
Negro, number.....	1	1	5		34	1			3	2			16
Number attending school.....	1	1			24	1			3	1			13
<b>DWELLINGS AND FAMILIES</b>													
Dwellings, number.....	967	1,316	2,121	985	2,177	1,984	1,171	677	735	1,013	1,131	1,159	816
Families, number.....	1,010	1,398	2,321	1,025	2,319	2,070	1,199	684	773	1,086	1,197	1,262	832

1 For changes in boundaries, etc, see page 617.

STATISTICS OF POPULATION.

TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS (OR ASSEMBLY DISTRICTS) OF CITIES OF 50,000 OR MORE.

LOS ANGELES.

SUBJECT.	THE CITY.	ASSEMBLY DISTRICT.							
		67	69	70	71	72	73	74	75
<b>SEX, COLOR, AND NATIVITY</b>									
Total population, 1910.....	319,196	1,060	25,982	74,551	37,900	38,822	38,623	55,460	47,618
Male.....	162,669	579	13,032	36,608	19,023	18,096	21,921	28,762	24,544
Female.....	156,529	481	12,950	38,243	18,777	20,726	16,702	26,698	23,066
Native white—Native parentage.....	196,967	495	12,344	43,119	18,422	20,985	21,188	28,518	24,896
Native white—Foreign or mixed parentage.....	74,756	256	6,640	17,905	8,831	10,654	7,754	12,583	10,673
Foreign-born white.....	66,584	198	6,427	11,994	7,116	6,647	6,769	11,035	10,308
Negro.....	7,599	22	451	1,409	2,696	656	1,210	579	670
Indian, Chinese, Japanese, and all other.....	6,292	89	106	364	735	480	1,072	2,745	701
<b>FOREIGN-BORN WHITE: Born in—</b>									
Austria.....	2,510	3	208	360	153	174	309	370	833
Canada.....	8,249	19	548	1,983	958	1,097	950	1,338	1,256
Denmark.....	1,096	3	78	396	114	111	161	121	142
England.....	7,675	47	569	1,658	782	820	956	1,445	1,298
France.....	1,914	7	674	210	223	247	397	425	242
Germany.....	1,053	27	606	2,228	1,231	1,557	1,298	1,292	1,384
Hungary.....	819	.....	87	131	55	60	304	86	96
Ireland.....	3,577	367	828	367	450	484	605	665	545
Italy.....	3,802	9	168	331	695	148	130	1,222	769
Mexico.....	5,611	47	1,067	405	873	280	255	1,712	1,922
Norway.....	1,033	5	194	331	86	110	106	121	129
Russia.....	4,758	1	1,504	368	441	286	426	685	1,047
Scotland.....	1,589	6	113	356	180	194	189	304	247
Sweden.....	3,414	9	210	194	306	364	423	362	496
Switzerland.....	828	5	73	211	91	94	102	140	112
Other foreign countries.....	3,836	5	361	784	388	421	481	717	695
<b>MALES OF VOTING AGE</b>									
Total number.....	114,889	381	8,201	24,107	12,862	12,721	18,454	19,338	19,185
Native white—Native parentage.....	57,829	156	3,674	13,039	5,811	6,508	9,955	8,833	9,763
Native white—Foreign or mixed parentage.....	20,228	51	1,504	4,620	2,158	2,746	3,928	3,000	3,223
Foreign-born white.....	29,570	108	8,727	25,478	3,372	2,933	3,780	3,662	3,562
Naturalized.....	14,097	48	1,216	3,223	1,664	1,714	1,927	2,218	2,087
Negro.....	2,571	6	123	439	907	189	558	184	188
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>									
Total number 10 years old and over.....	275,863	863	21,660	62,586	32,299	34,456	35,312	46,292	42,985
Number illiterate.....	5,258	20	899	747	1,145	119	265	1,112	951
Illiterate males of voting age.....	2,270	11	358	326	493	32	131	382	537
Total number 6 to 20 years, inclusive.....	69,636	255	6,855	17,262	9,103	8,430	5,935	12,957	8,239
Number attending school.....	44,965	152	4,536	11,877	6,944	5,634	3,246	8,729	4,777
<b>DWELLINGS AND FAMILIES</b>									
Dwellings, number.....	69,961	292	5,915	19,829	8,612	8,829	5,308	13,329	6,866
Families, number.....	78,678	293	6,364	20,540	9,384	10,120	7,794	14,271	9,910

OAKLAND.

SUBJECT.	THE CITY.	WARD.						
		1	2	3	4	5	6	7
<b>SEX, COLOR, AND NATIVITY</b>								
Total population, 1910.....	150,174	26,977	17,559	13,572	13,262	14,531	16,896	48,877
Male.....	78,222	13,581	8,710	6,891	6,953	7,789	9,891	24,467
Female.....	71,952	13,396	8,849	6,681	6,309	6,742	5,795	24,180
Native white—Native parentage.....	55,198	11,227	6,529	5,334	4,837	6,731	2,488	18,052
Native white—Foreign or mixed parentage.....	49,936	6,663	6,216	4,633	4,664	2,877	4,261	17,268
Foreign-born white.....	36,822	6,315	3,966	3,162	3,149	2,887	5,269	12,374
Negro.....	3,055	195	556	287	635	85	870	427
Indian, Chinese, Japanese, and all other.....	5,163	238	291	156	177	1,261	2,484	556
<b>FOREIGN-BORN WHITE: Born in—</b>								
Austria.....	1,267	83	.....	96	261	91	428	239
Canada.....	3,126	549	318	324	286	301	141	1,147
Denmark.....	1,461	246	180	72	69	115	83	696
England.....	7,707	433	433	325	301	355	249	1,268
France.....	1,204	232	209	70	69	83	205	306
Germany.....	5,476	854	593	450	512	440	439	2,188
Greece.....	470	19	32	33	31	31	267	37
Ireland.....	4,160	694	573	461	560	362	562	1,038
Italy.....	3,800	1,444	214	350	113	52	1,051	576
Norway.....	890	188	116	88	53	86	463	62
Portugal.....	3,367	114	401	109	195	32	792	1,724
Russia.....	799	54	106	105	83	46	265	140
Sweden.....	1,322	212	141	198	129	116	116	332
Switzerland.....	2,337	431	227	240	238	201	160	820
Other foreign countries.....	678	93	69	45	35	38	46	292
Total number.....	2,712	463	283	574	225	180	423	860
<b>MALES OF VOTING AGE</b>								
Total number.....	63,867	9,096	5,836	5,009	5,192	6,113	7,367	15,254
Native white—Native parentage.....	17,046	3,259	1,934	1,499	1,773	1,459	2,459	4,985
Native white—Foreign or mixed parentage.....	12,783	2,271	1,666	1,269	1,342	1,267	3,474	1,066
Foreign-born white.....	19,334	3,246	2,008	1,662	1,748	1,359	3,217	6,694
Naturalized.....	10,257	1,828	1,196	972	866	782	1,035	3,308
Negro.....	1,238	70	204	107	291	42	382	142
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>								
Total number 10 years old and over.....	126,914	22,305	15,101	11,946	11,691	13,225	13,286	39,360
Number illiterate.....	3,863	239	310	178	153	102	1,447	1,434
Illiterate males of voting age.....	1,877	104	150	81	73	57	790	633
Total number 6 to 20 years, inclusive.....	34,153	6,013	3,918	2,943	2,592	2,610	3,233	12,824
Number attending school.....	22,253	4,065	2,492	1,902	1,655	1,676	1,832	8,631
<b>DWELLINGS AND FAMILIES</b>								
Dwellings, number.....	31,740	6,338	3,725	2,566	2,473	2,388	2,848	11,402
Families, number.....	36,723	6,884	4,509	3,659	3,681	3,206	3,284	12,170

TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS (OR ASSEMBLY DISTRICTS) OF CITIES OF 50,000 OR MORE—Continued.

SAN FRANCISCO.

SUBJECT.	ASSEMBLY DISTRICT.									
	THE CITY.									
	28	29	30	31	32	33	34	35		
<b>SEX, COLOR, AND NATIVITY</b>										
Total population, 1910.....	44,612	11,373	5,557	7,568	18,787	31,470	44,688	36,670	22,338	
Male.....	236,901	10,093	4,284	5,002	13,047	17,023	23,912	18,882	11,690	
Female.....	180,011	1,280	1,233	2,566	5,740	14,856	20,776	18,088	10,698	
Native white—Native parentage.....	115,359	3,541	1,720	1,908	4,023	6,460	10,002	9,736	6,865	
Native white—Foreign or mixed parentage.....	153,734	1,992	1,493	2,548	6,015	14,147	19,255	16,377	9,343	
Foreign-born white.....	136,874	5,748	2,919	2,954	5,285	11,100	15,279	10,808	5,922	
Negro.....	1,642	25	27	43	141	55	95	72	24	
Indian, Chinese, Japanese, and all other.....	15,256	67	78	105	321	117	57	77	164	
<b>FOREIGN-BORN WHITE: Born in—</b>										
Austria.....	4,641	220	90	136	420	290	494	293	160	
Canada.....	6,101	139	73	194	303	386	545	651	420	
Denmark.....	3,118	264	47	64	296	294	293	331	178	
England.....	9,815	392	142	178	498	565	996	924	563	
Finland.....	1,846	404	39	25	391	250	247	119	14	
France.....	6,244	135	82	119	136	742	464	256	188	
Germany.....	24,157	814	382	477	1,082	2,026	2,539	2,288	1,309	
Greece.....	2,274	254	339	343	196	196	73	18	92	
Ireland.....	23,151	831	499	764	1,621	2,413	3,030	2,688	1,414	
Italy.....	18,918	166	37	123	917	1,349	2,493	3,003	206	
Norway.....	2,769	641	37	43	486	288	468	408	177	
Russia.....	4,640	190	72	118	178	533	640	500	343	
Scotland.....	3,698	157	38	62	124	384	415	375	214	
Sweden.....	6,969	676	121	78	573	692	972	1,024	508	
Switzerland.....	2,587	58	28	37	69	223	505	191	146	
Other foreign countries.....	10,936	351	212	283	548	619	1,115	530	400	
<b>MALES OF VOTING AGE</b>										
Total number.....	179,951	9,489	3,872	4,048	10,452	10,856	14,391	12,478	8,408	
Native white—Native parentage.....	41,619	2,974	1,064	967	2,097	3,372	2,933	2,327	1,946	
Native white—Foreign or mixed parentage.....	65,740	1,275	807	964	1,943	3,481	4,008	4,408	3,102	
Foreign-born white.....	75,768	5,173	1,731	1,987	6,086	6,973	7,917	5,666	3,235	
Naturalized.....	36,375	1,366	788	827	2,366	3,067	4,024	3,474	1,915	
Negro.....	831	21	13	20	108	15	21	26	7	
<b>LITERACY AND SCHOOL ATTENDANCE</b>										
Total number 10 years old and over.....	362,826	11,056	5,102	6,748	16,608	25,654	34,736	31,115	19,839	
Number illiterate.....	7,697	145	106	148	268	664	978	809	489	
Illiterate males of voting age.....	3,321	98	74	93	145	281	424	126	75	
Total number 6 to 20 years, inclusive.....	85,368	724	718	1,242	3,424	8,827	12,401	9,259	4,798	
Number attending school.....	50,128	246	333	657	1,848	5,716	7,885	5,709	2,874	
<b>D WELLINGS AND FAMILIES</b>										
Dwellings, number.....	65,025	600	474	935	2,679	5,740	9,285	6,719	3,772	
Families, number.....	86,414	751	694	1,448	3,194	6,900	10,239	8,523	5,240	

SUBJECT.	ASSEMBLY DISTRICT.									
	36	37	38	39	40	41	42	43	44	45
<b>SEX, COLOR, AND NATIVITY</b>										
Total population, 1910.....	12,844	35,250	27,925	51,664	23,076	25,372	8,810	9,379	21,307	22,206
Male.....	7,433	17,482	15,187	27,147	11,714	12,494	4,790	5,147	16,722	14,702
Female.....	5,411	17,768	12,738	24,417	11,361	12,878	4,020	4,232	4,435	7,504
Native white—Native parentage.....	3,788	11,349	8,467	18,451	6,464	7,193	3,512	4,277	3,433	3,758
Native white—Foreign or mixed parentage.....	5,032	14,619	10,148	19,351	7,947	9,755	3,019	2,889	6,253	7,297
Foreign-born white.....	3,923	9,705	8,462	15,050	6,401	7,437	2,922	2,093	5,379	10,923
Negro.....	16	35	12	144	168	24	68	245	125	165
Indian, Chinese, Japanese, and all other.....	58	481	796	568	2,015	721	242	136	9,150	103
<b>FOREIGN-BORN WHITE: Born in—</b>										
Austria.....	189	286	480	351	274	159	81	145	254	279
Canada.....	215	703	537	919	395	289	200	196	121	84
Denmark.....	149	184	151	313	116	129	39	29	161	120
England.....	352	910	777	1,431	625	514	253	218	322	311
Finland.....	21	89	24	83	66	8	17	68	143	68
France.....	87	262	377	603	528	489	243	230	779	524
Germany.....	809	2,282	2,159	2,984	1,749	1,366	456	340	687	608
Greece.....	63	365	30	56	81	18	29	13	94	52
Ireland.....	821	1,769	1,042	2,882	1,012	1,212	273	188	380	318
Italy.....	218	299	258	543	266	1,888	369	194	561	6,712
Norway.....	82	153	102	215	67	103	22	21	167	269
Russia.....	158	388	937	380	360	65	52	39	103	73
Scotland.....	120	291	238	408	127	144	77	45	96	40
Sweden.....	222	289	248	629	256	279	64	39	360	269
Switzerland.....	127	130	128	241	84	170	33	39	194	196
Other foreign countries.....	266	736	883	982	551	534	160	268	889	1,212
<b>MALES OF VOTING AGE</b>										
Total number.....	6,873	12,918	11,358	18,602	9,249	8,851	4,136	4,384	13,838	10,312
Native white—Native parentage.....	1,498	3,379	3,272	6,209	2,169	2,000	1,353	2,649	2,571	1,869
Native white—Foreign or mixed parentage.....	1,874	4,731	3,499	6,963	2,906	2,663	1,203	1,156	1,460	1,321
Foreign-born white.....	2,459	4,417	4,612	6,776	3,166	3,340	1,151	1,633	4,246	6,760
Naturalized.....	1,288	2,672	2,266	4,402	1,725	1,699	589	475	1,276	1,656
Negro.....	9	8	31	68	94	88	9	28	178	77
<b>LITERACY AND SCHOOL ATTENDANCE</b>										
Total number 10 years old and over.....	11,492	31,714	25,650	44,304	21,127	22,067	8,337	8,795	20,251	18,831
Number illiterate.....	79	248	434	478	381	476	32	91	748	1,933
Illiterate males of voting age.....	32	89	209	162	222	218	20	38	320	900
Total number 6 to 20 years, inclusive.....	2,260	7,981	4,861	10,359	4,023	5,339	1,635	1,144	2,388	5,294
Number attending school.....	1,187	4,374	2,532	6,024	2,344	3,372	486	608	1,016	2,387
<b>D WELLINGS AND FAMILIES</b>										
Dwellings, number.....	1,691	4,861	3,875	10,255	3,236	4,703	832	1,070	1,413	2,785
Families, number.....	2,802	8,066	5,736	11,965	4,594	5,640	1,737	2,058	3,160	3,768

## NOTES REGARDING CHANGES IN BOUNDARIES, ETC.

## COUNTIES.

COLUSA.—Part taken to form Glenn in 1891.  
 DEL NORTE.—Part annexed to Siskiyou between 1880 and 1890.  
 FRESNO.—Part taken to form Madera in 1863 and part annexed to Kings in 1909.  
 GLENN.—Organized from part of Colusa in 1891.  
 HUMBOLDT.—Part of Klamath annexed in 1874.  
 IMPERIAL.—Organized from part of San Diego in 1907. (See also Note 1.)  
 KINGS.—Organized from part of Tulare in 1893 and part of Fresno annexed in 1909.  
 LAKE.—Part annexed to Napa in 1872.  
 LOS ANGELES.—Part taken to form Orange in 1889.  
 MADEIRA.—Organized from part of Fresno in 1893.  
 MODOC.—Organized from part of Siskiyou in 1874.  
 MONTEREY.—Part taken to form San Benito in 1874.  
 NAPA.—Part of Lake annexed in 1872.  
 ORANGE.—Organized from part of Los Angeles in 1889.  
 RIVERSIDE.—Organized from parts of San Bernardino and San Diego in 1893.  
 SAN BENITO.—Organized from part of Monterey in 1874.  
 SAN BERNARDINO.—Part taken to form part of Riverside in 1893.  
 SAN DIEGO.—Part taken to form part of Riverside in 1893; part taken to form Imperial in 1907. (See also Note 1.)  
 SANTA BARBARA.—Part taken to form Ventura in 1871.  
 SISKIYOU.—Part taken to form Modoc in 1874; part of Klamath annexed in 1874 and part of Del Norte annexed between 1880 and 1890.  
 TULARE.—Part taken to form Kings in 1893.  
 VENTURA.—Organized from part of Santa Barbara in 1871.

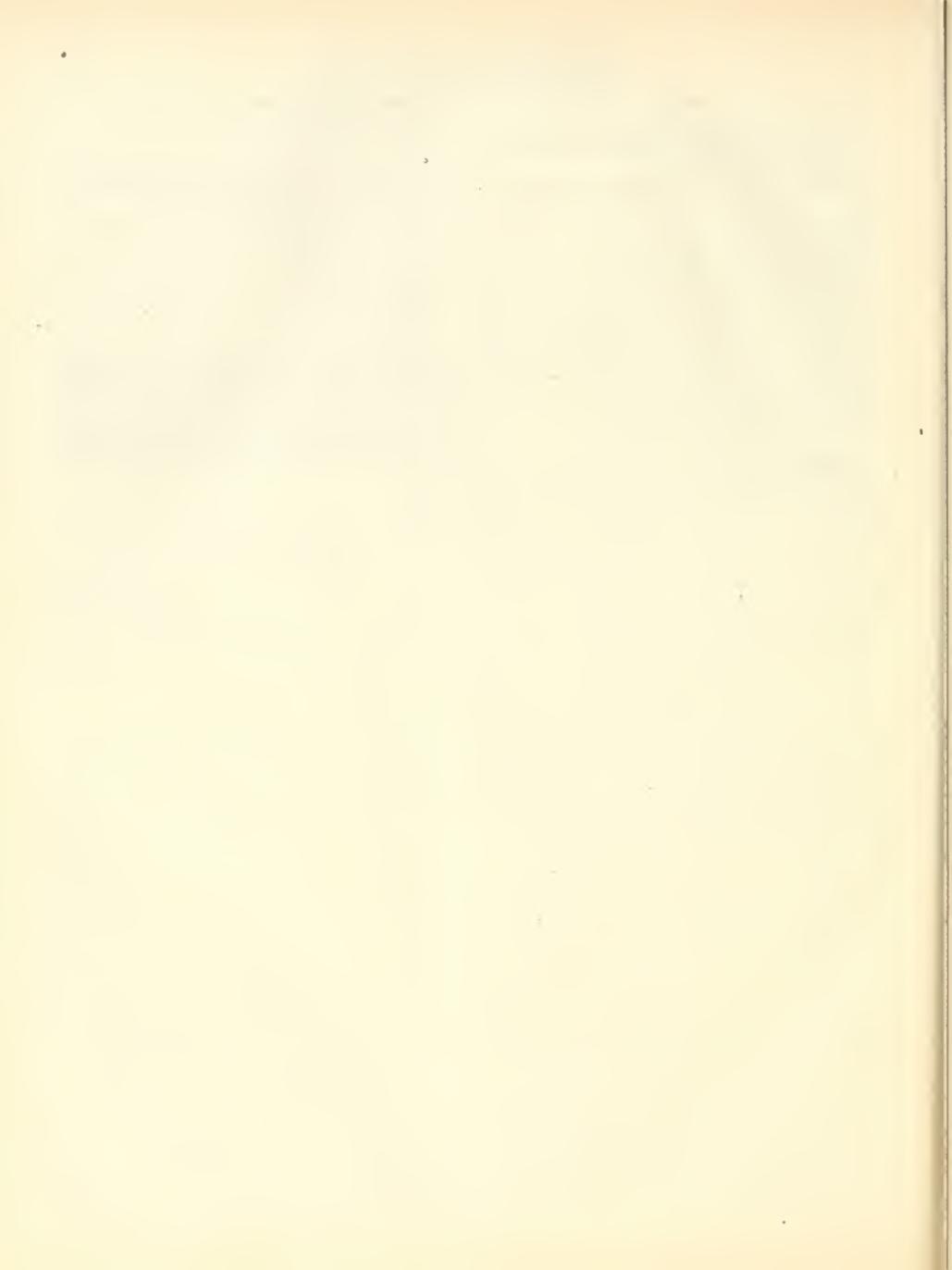
## INCORPORATED PLACES.

ALHAMBRA.—Incorporated in 1903.  
 BAKERSFIELD.—Part of township 3 (Kern City) annexed in 1909.

BERKELEY.—Parts of Oakland township annexed in 1906 and 1908.  
 COALINGA.—Incorporated in 1905.  
 FRESNO.—Part of township 3 annexed in 1910.  
 GLENDALE.—Incorporated in 1906.  
 LYDE.—Incorporated in 1905.  
 LOS ANGELES.—Parts of Ballons, Burbank, Cahuenga, and San Antonio townships annexed between 1890 and 1900; part of Ballons township annexed in 1906; part of Wilmington township (including San Pedro city) annexed in 1909, and parts of Burbank and Cahuenga townships annexed in 1910.  
 MILL VALLEY.—Incorporated in 1900.  
 OAKLAND.—Parts of Brooklyns and Oakland townships annexed in 1909.  
 OCEAN PARK.—Incorporated in 1904.  
 ONTARIO.—Part of Ontario township annexed in 1901.  
 OROVILLE.—Incorporated in 1906.  
 OXNARD.—Incorporated in 1903.  
 PASADENA.—Parts of Pasadena township annexed in 1904 and 1906.  
 PORTERVILLE.—Incorporated in 1902.  
 RICHMOND.—Incorporated in 1908.  
 ROOSEVILLE.—Incorporated in 1909.  
 SAN LEANDRO.—Part of Brooklyn township annexed in 1909.

NOTE 1.—*Imperial and San Diego Counties combined.*—Total population: 1910, 75,226; 1900, 35,684; increase, 1900-1910, 40,165; per cent of increase, 114.5. Urban population—1910, 39,578; same places in 1900, 17,707; per cent of increase, 123.6. Rural population—1910, 35,678; same territory in 1900, 17,396; per cent of increase, 105.2. Urban population—1890, 17,707; rural population—1900, 17,396. Per cent in places of 2,500 or more in 1910, 52.6. Per cent in places of 2,500 or more in 1900, 56.4.

NOTE 2.—In computing this increase the population of Indian reservations in 1900 has been deducted from the total population of the county in order to make that total comparable with the total for 1890, which does not include the population of Indian reservations. The population thus deducted in the several counties was as follows: Humboldt, 1,112; Mendocino, 599; Riverside, 203; San Diego, 817; Tulare, 143.



## CHAPTER 3.

### STATISTICS OF AGRICULTURE FOR THE STATE AND ITS COUNTIES.

**Introduction.**—This chapter presents a complete statement of the statistics of agriculture for California collected at the census of 1910. Statistics of farms and farm property relate to April 15, 1910; those of farm products, expenses, and receipts are for the calendar year 1909.

**Definitions.**—To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

**Farm.**—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term referring to the work of growing crops, producing other agricultural products, and raising animals, fowls, and bees. A "farm" as thus defined may consist of a single tract of land, or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. Further, when a land owner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1909.

**Farmer.**—A "farmer" or "farm operator," according to the census definition, is a person who directs the operations of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, tenants, and managers.

**Farm owners** include (1) farmers operating their own land only and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "owners" being then restricted to those owning all their land.

**Farm tenants** are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1910 in three classes: (1) *Share tenants*—those who pay a certain share of the products, as one-half, one-third, or one-quarter; (2) *share-cash tenants*—those who pay a share of the products for part of the land rented by them and cash for part; and (3) *cash tenants*—those who pay a cash rental or a stated amount of labor or products, such as \$7, 10 bushels of wheat, or 100 pounds of seed cotton per acre.

**Managers** are farmers who are conducting farm operations for the owner for wages or a salary.

**Farm land.**—Farm land is divided into (1) improved land, (2) woodland, and (3) all other unimproved land. The same classification was followed in 1880. At former censuses, except that of 1880, farm land was divided into improved land and unimproved

land, woodland being included with unimproved land. *Improved Land* includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings. *Woodland* includes all land covered with natural or planted forest trees, which produce, or later may produce, firewood or other forest products. *All other unimproved land* includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest. The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics therefore must be considered at best only a close approximation.

**Total value of farm products.**—No attempt has been made at this census to compute or even to estimate approximately the total value of farm products. Among the numerous difficulties which stand in the way of obtaining a total which would be at once comprehensive, free from duplication, and confined exclusively to the products of a definite period of time are the following:

(1) The duplication resulting from the feeding of farm crops to farm live stock, when the value both of the products derived from such live stock and of the crops are included in the same total. In 1900 an attempt was made to eliminate this duplication by means of an inquiry as to the total value of the products of each farm fed to the live stock on that farm, but aside from the fact that this would not eliminate the duplication where the products of one farm are fed to the live stock of another farm, it is believed that the farmers were unable to make even approximately accurate answers to the inquiry, and it was accordingly not included in the schedule for 1910.

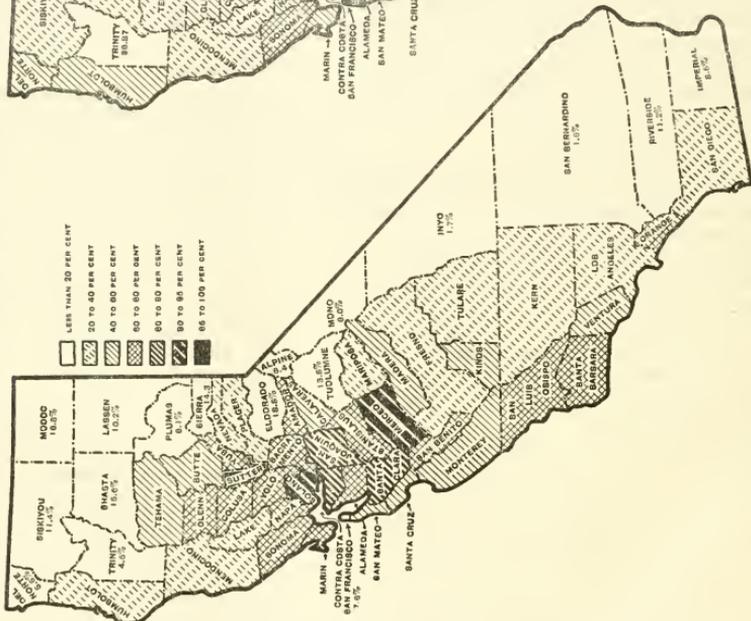
(2) The fact that farmers may buy domestic animals during the census year which are subsequently sold or slaughtered during the same year and that it is impossible to eliminate the duplication accurately; and the further fact that the value of domestic animals sold or slaughtered, or of forest products cut, during a given year (as well as some other minor items) does not usually represent a value created wholly during that year, and that it is quite impossible to ascertain the value created during the year.

(3) The fact that the returns for some products are incomplete. The returns for all products are to a considerable extent estimates made by the farmers. Special difficulty was encountered in cases where the person in possession of the farm in April, 1910, when the census was taken, was not in possession of it during the crop year 1909. In such cases the farmer was not always able to report completely and accurately the products of the land for the preceding year. It is probable that the returns for the principal crops are in general fairly accurate, but that those for minor crops and for dairy and poultry products are frequently understatements, particularly because the home consumption was disregarded or underestimated. In the belief that no accurate result could be obtained from such an inquiry, the Bureau of the Census did not even attempt to ascertain the total quantity and value of certain by-products, such as straw and cornstalks, which are of considerable importance, the schedule calling only for the value of such by-products sold.

**PER CENT OF LAND AREA IN FARMS, AND AVERAGE VALUE OF FARM LAND PER ACRE, IN CALIFORNIA, BY COUNTIES: 1910.**  
**PER CENT OF LAND AREA IN FARMS.**

(Per cent for the state, 28.)

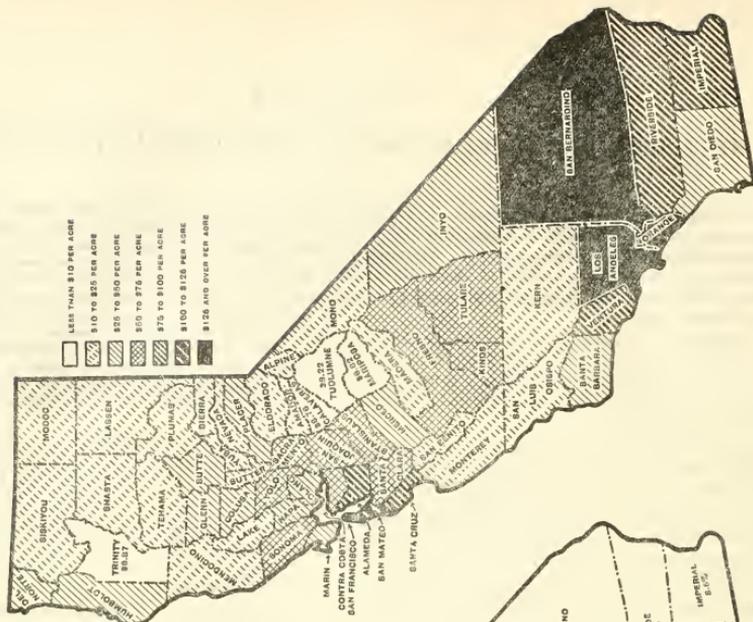
The per cent of land area in farms, when less than 20, is inserted under the county name.



**AVERAGE VALUE OF FARM LAND PER ACRE.**

(Average for the state, \$17.64)

When the value is less than \$10 per acre, it is inserted under the county name.



## FARMS AND FARM PROPERTY.

California ranks second in land area and twelfth in population among the states and territories of continental United States. The state is extremely diversified, both topographically and agriculturally. The elevation ranges from sea level along the western coast and in portions of the interior valleys to altitudes in excess of 14,000 feet in the Sierra Nevada Mountains. The rugged masses of the Coast Range Mountains practically parallel the entire coast of the state. From the vicinity of San Francisco southward to San Diego there are deep mountain valleys and low, sloping, or nearly level Coastal Plain areas. The soils of these areas range from heavy claylike "adobe" soils to sandy and gravelly loams.

The great central valley of California lies between the Coast Range and the Sierra Nevada Mountains. The northern portion of this valley constitutes the basin of the Sacramento River, while the southern portion constitutes the basin of the San Joaquin. The valley is everywhere practically uniform as regards its physical features. The soils immediately along the rivers are usually heavy clays and clay loams, constituting the overflow land and river flood plains. These are bordered along the foothills by loams, adobes, sandy loams, and sandy and gravelly soils, giving great variety in soil characteristics and in resultant crop adaptation. There is practically no agriculture within the Sierra Nevada Ranges aside from grazing. The portion of the state to the east of this region lies principally within the Great Basin, and mountain chains are interspersed with valleys whose floors are gravelly and sandy soils. These are practically undeveloped for agricultural purposes. In the portion of this region in the extreme northern part of the state the soil is largely composed of lavas and volcanic ash from numerous extinct volcanic craters. Within this region certain valleys are being reclaimed for agricultural uses. In the extreme southern portion of the state is a deep arid valley, some portions of which are below sea level. The soils are clays, sands, and sandy loams.

The normal annual rainfall of the state ranges from 2 or 3 inches in the southeast corner to 60 inches in the northwest corner. Except in the southeastern part of the state there is sufficient rainfall for raising grain crops without irrigation, but irrigation is practiced to some extent throughout the state.

The two maps on the opposite page show, for the different counties, the proportion of the total land area of the state which is in farms and the average value of farm land per acre. Over one-fourth (28 per cent) of the state's entire land area is in farms. The first

map shows that in 17 counties the proportion is less than 20 per cent. Eight of these counties form a contiguous group in the eastern and southeastern part of the state, 8 are in a group in the northern part, and 1, San Francisco County, is at the Golden Gate. In 11 counties scattered throughout the state the proportion is between 20 and 40 per cent; in 9, between 40 and 60 per cent; and in 15, between 60 and 80 per cent. In Merced and Solano Counties, in the west central part of the state, the proportion is between 90 and 95 per cent, while in Sutter, north of Sacramento and Yolo, it exceeds 95 per cent.

The average value of farm land per acre for the state as a whole is \$47.16, and, as shown by the second map, in only 4 counties—Trinity, Tuolumne, Calaveras, and Mariposa—is the average value less than \$10. Scattered over the state are 20 counties in which the average is between \$10 and \$25 per acre, and 14 in which it is between \$25 and \$50. The average is between \$50 and \$75 per acre in 10 counties which lie in the central and west central parts of the state; and between \$75 and \$100 in 5, 2 of which are located in the west central part and 3 in the southern part. In San Mateo County, in the west central part, the average value is between \$100 and \$125, and in San Francisco County, and in 3 counties—Los Angeles, San Bernardino, and Orange—in the southern part of the state the average is over \$125. These high values are due in part to the proximity of large cities, and in part to the large acreage in orchards. In explanation of the high average values in San Bernardino County it may be noted that only 1.6 per cent of the land area is occupied by farms and that the farm land which lies mainly in the southwestern corner of the county is devoted almost exclusively to orange culture.

**Progress during the decade 1900 to 1910.**—Between 1900 and 1910 there was an increase of 21.6 per cent in the number of farms, as compared with an increase of 60.1 per cent in the population. During the same time the acreage of farm land apparently decreased, the total farm acreage 897,507 acres, or 3.1 per cent, and the improved acreage 568,943 acres, or 4.8 per cent. The average size of farms decreased 20.3 per cent. The apparent falling off in farm acreage is due, at least in part, as explained in the discussion following the next table, to errors in the Twelfth Census tabulation.

During the last decade farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), in-

creased in value \$818,167,000, or 102.7 per cent. This total increase is made up of increases of \$742,689,000 in the value of land and buildings, \$60,297,000 in the value of live stock, and \$15,181,000 in the value of implements and machinery. In considering the increase of values in agriculture the general increase in the prices of commodities in the last 10 years should be borne in mind.

The average value of a fully equipped farm is \$18,308, an increase of \$7,328 as compared with the average in 1900. The average value per acre of land alone rose from \$21.87 in 1900 to \$47.16 in 1910.

The following table summarizes for the state the more significant facts relating to population and land area, the number, value, and acreage of farms, and the value of all other farm property in 1910 and 1900:

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE, <sup>1</sup>	
			Amount.	Per cent.
Population.....	2,377,549	1,485,053	892,496	60.1
Number of all farms.....	88,197	72,542	15,655	21.6
Approximate land area of the state..... acres..	99,617,280	99,898,880	<sup>2</sup> -281,600	-0.3
Land in farms..... acres..	27,931,444	28,828,951	-897,507	-3.1
Improved land in farms..... acres..	11,389,894	11,958,837	-568,943	-4.8
Average acres per farm.....	316.7	397.4	-80.7	-20.3
Value of farm property:				
Total.....	\$1,614,694,584	\$796,527,955	\$818,166,629	102.7
Land.....	1,317,195,448	630,444,960	686,750,488	108.9
Buildings.....	133,406,040	77,468,000	55,938,040	72.2
Implements and machinery.....	36,493,158	21,311,670	15,181,488	71.2
Domestic animals, poultry, and bees.....	127,599,938	67,303,325	60,296,613	89.6
Average value of all property per farm.....	\$18,308	\$10,980	\$7,328	66.7
Average value of land per acre.....	\$47.16	\$21.87	\$25.29	115.6

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Due to the formation of the Salton Sea.

NOTE.—Ranges or ranches using the public domain for grazing purposes, but not owning or leasing land, were counted as farms in 1910 and 1900. They were included as owned or managed, free from mortgage, and under 3 acres in size. The counting of these ranges as farms affects all totals, average, and percentages in which the number of farms is a factor. In 1910 there were 89 such ranges included as farms.

Irrigation.—Of the 88,197 farms in the state, 39,352, or 44.6 per cent, were irrigated in 1909. The acreage reported as irrigated in 1909 was 2,664,104 acres, or 23.4 per cent of the improved land in farms: The area to which enterprises existing in 1910 were capable of supplying water was 3,619,378 acres, and the total acreage included in irrigation projects, completed or under way, in 1910 was 5,490,360 acres.

Population, number of farms, and farm acreage: 1850 to 1910.—The table following presents, for the state as a whole for each census from 1850 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms.

CENSUS YEAR.	Population.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land improved.
		Number.	Per cent of increase.	All land.		Improved land (acres).		
				Acres.	Per cent of increase. <sup>1</sup>			
1910.....	2,377,549	88,197	21.6	27,931,444	-3.1	11,389,894	28.0	40.8
1900.....	1,485,053	72,542	37.1	28,828,951	34.5	11,958,837	29.9	41.5
1890.....	1,213,398	62,894	47.2	21,427,293	29.1	12,222,839	21.5	37.0
1880.....	894,094	35,334	31.5	16,593,742	45.2	10,659,698	16.7	64.3
1870.....	560,247	21,724	26.8	11,457,105	30.9	6,218,133	11.5	54.4
1860.....	379,994	18,716	2,046.3	8,730,034	124.2	2,468,034	8.8	28.3
1850.....	92,597	872		3,893,985		32,454	3.9	0.8

<sup>1</sup> A minus sign (-) denotes decrease.

In the 60 years since 1850 the population of the state has increased from 92,597 to 2,377,549 and is now about twenty-six times as large as 60 years ago. The absolute increase during the last decade was more than twice as great as that during any other.

The number of farms in California in 1910 was 88,197, which represents an increase of 15,655 during the last decade, as compared with an increase of 19,648 during the decade immediately preceding. In 1850 there were only 872 farms in the state, but in 1860 the number had risen to 18,716. Since that date the increase has been continuous and fairly uniform.

The land area of California is approximately 99,617,280 acres. The part of this area occupied by farms increased continuously from 3,893,985 acres in 1850 to 28,828,951 acres in 1900, but suffered an apparent decrease during the last decade to 27,931,444 acres in 1910. The area of improved land increased from 32,454 acres in 1850 to 12,222,839 acres in 1890, but during the last two decades decreases have been reported, the improved acreage falling to 11,958,837 in 1900 and to 11,389,894 in 1910.

Between 1850 and 1880 the increase in the improved acreage was much greater relatively than the increase in the total farm acreage. Thus the percentage of farm land improved was very much higher in 1880 than in 1850, being 64.3 per cent in 1880, as compared with only eight-tenths of 1 per cent at the earlier date. During the 10 years between 1880 and 1890, however, the total farm acreage made the greater relative as well as the greater absolute increase, while from 1890

to 1900 the total farm acreage showed large increases, both absolute and relative, and the improved acreage showed decreases. The percentage of farm land improved was higher in 1880 than in any other year shown in the table. The decrease in the percentage of improved land probably represents a change in the classification of land by many farmers, who in 1910 reported as "unimproved land" a large amount of acreage which they formerly called "improved." The percentage reported as improved in 1910 (40.8 per cent) is almost the same as that in 1900 (41.5), the decrease in improved acreage during the decade having been relatively about the same as the decrease in total acreage.

The falling off in total and in improved farm acreage is especially noticeable in the central valley of the state, extending from Tehama County in the north to Orange County in the south, inclusive. An error has been discovered in the total farm acreage reported for Merced, Orange, and Sacramento Counties as published in the census reports for 1900, whereby these counties were together credited with 377,091 acres too much. Eliminating this error a decrease is still shown of 520,416 acres, or 1.8 per cent in the total farm acreage of the state. This decline is probably more apparent than real. For example, certain tracts included in forest reserves in 1910 were reported as farm land in 1900, although probably used for grazing

purposes at both censuses. During the decade the land in such reserves increased approximately from 9,000,000 to 28,000,000 acres. It is worthy of note, however, that during the 10 years a remarkable decline occurred in wheat farming in California. The acreage reported as in wheat decreased from 2,683,405 in 1899 to 478,217 in 1909, a decrease of 2,205,188, or 82.2 per cent.

The falling off in improved acreage could be partly accounted for by the decrease in wheat acreage as noted above. Inasmuch as the decrease in wheat acreage was nearly four times as great as the decrease in the aggregate improved acreage, the acreage of such improved farm land as was utilized other than for the raising of wheat increased appreciably during the decade. In fact it is probable that this increase was more than great enough to offset the decrease in the wheat acreage, and that this fact would appear in the table but for the change in the classification of land by many farmers which has already been referred to, these farmers in 1910 reporting as "unimproved land" considerable acreage of the same character and used for the same purposes as that which they formerly reported as "improved."

**Values of farm property: 1850 to 1910.**—The agricultural changes in California since 1850, as reflected in the values of the several classes of farm property, are shown in the table which follows:

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910.....	\$1,614,694,584	102.7	\$1,450,601,488	104.9	\$36,493,158	71.2	\$127,599,938	89.6
1900.....	796,327,965	2.5	707,912,960	1.5	21,311,670	45.1	67,308,325	2.6
1890.....	1,777,281,767	149.2	697,118,630	166.0	14,689,710	73.9	1,05,576,427	58.4
1880.....	1,311,997,443	69.1	265,031,282	83.5	8,447,744	58.9	141,498,417	9.3
1870.....	134,521,470	112.4	141,240,628	189.9	5,316,600	107.5	37,964,752	6.7
1860.....	86,570,327	1,085.4	48,728,804	1,137.8	2,528,606	2,372.4	35,388,017	901.9
1850.....	7,328,582		3,874,941		103,483		3,351,658	

<sup>1</sup> Includes estimated value of range animals.

The total wealth in the form of farm property is \$1,614,695,000, of which 89.8 per cent is contributed by land and buildings, 7.9 per cent by live stock, and 2.3 per cent by implements and machinery.

The value of land and buildings is \$1,450,601,000, being a little more than double that for 1900. In 1850 the value was only \$3,874,000, and has increased continuously during the whole period covered by the table. A continuous increase has occurred also in the values of live stock and of implements and machinery. In all three classes the absolute gain during the last 10 years has been much greater than that during any other decade covered by the table.

In general, the value of live stock has formed a decreasing percentage of the value of all farm property, being only 7.9 per cent in 1910, compared with 20.6 per cent in 1870 and with 45.7 per cent in 1850.

**Average acreage and values per farm: 1850 to 1910.**—

The changes which have taken place during the past 60 years in the average acreage of California farms and in the average values of the various classes of farm property, as well as in the average value per acre of land and buildings, are shown in the following table:

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. <sup>1</sup>				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	316.7	\$18,308	\$16,447	\$414	\$51.93	
1900.....	307.4	10,980	9,759	294	24.56	
1890.....	405.0	14,697	13,180	278	32.53	
1880.....	411.3	8,683	7,268	235	15.79	
1870.....	481.7	7,778	5,853	224	12.39	
1860.....	496.4	4,642	2,603	137	5.58	
1850.....	4,955.6	8,404	4,443	119	8.843	

<sup>1</sup> Averages are based on "all farms" in the state.

<sup>2</sup> Includes estimated value of range animals.

One striking characteristic of California is the great area of semiarid land utilized for grazing purposes only or left unutilized. Upon such lands are located many very large farms or ranches, and these explain in large measure the high average acreage per farm. Farms other than those used almost exclusively for grazing are not, on the average, unusually large, as compared with the average in other states. The average size of the California farm is 316.7 acres. The average decreased from 4,465.6 acres in 1850 to 466.4 acres in 1860 and then increased to 481.7 acres in 1870, since which time it has decreased continuously.

The average value of a California farm including its equipment is \$18,308, of which \$16,447 represents the value of land and buildings, \$1,447 that of live stock, and \$414 that of implements and machinery. Although the total value of live stock increased continuously during the 60 years covered by the table, the average value per farm (\$3,843) was greater in 1850 than in any later census year. This condition was due to the fact that the live stock ranches of the state were developed before the period of general farming. The present average value per farm of all farm property shows an increase, as compared with the average value in 1900 (\$10,980), which has been more than sufficient to offset the marked decrease shown for the preceding decade.

The average value of land and buildings per farm is \$16,447, while the average value per acre is \$51.93. During the last decade the average value per acre more than doubled and the average value per farm increased more than two-thirds, while during the decade 1890-1900 a considerable decrease occurred in each item. It is noteworthy that notwithstanding the decrease in the size of farms throughout most of the period covered by the table, the value of implements and machinery per farm has continuously risen, the greatest increase occurring during the last decade, when the average value per farm advanced from \$294 to \$414.

**Farm tenure: 1880 to 1910.**—The number of all farms, and therefore of all farm operators, is 88,197. Of the operators, 66,632 are classified as owners, 3,417 as managers, and 18,148 as tenants. Of the 66,632 owners, 56,500 operate land owned exclusively by them, while 10,132 operate land which they rent in addition to that which they own. The tenants are further distributed according to the character of their tenancy; thus 6,135 are share tenants; 704, share-cash tenants; 9,737, cash tenants; and for 1,572 no report relative to character of tenure was secured.

In 1880, 7,124, or 19.8 per cent, of the farm operators were tenants; in 1910 the number was 18,148, or 20.6 per cent. Thus the present proportion of tenancy is practically the same as in 1880. There was, however, a decided increase in this proportion from 1890, when it was 17.8 per cent, to 1900, when it was 23.1 per cent, followed by a considerable decrease during the last

decade. During this decade the absolute increase in the number of tenants was 1,388. The percentage of tenants for the state (20.6) is above the average for the Pacific division (17.2), but low in comparison with the percentage for the United States as a whole (37).

For the sake of comparison with the figures for earlier censuses the share and share-cash tenants reported in 1910 may be grouped together, and likewise the cash tenants and those for whom the form of tenancy was not stated. Throughout the whole period the cash group has constituted an increasing proportion of the total number of all tenants, being smaller than the share group in 1880 and 1890 and larger in 1900 and 1910.

The following table shows the distribution of the farms of the state according to character of tenure at each census since 1880:

TENURE.	1910	1900	1890	1880
Number of all farms.....	88,197	72,542	52,894	35,934
<b>Farms operated by owners and managers.....</b>	<b>70,049</b>	<b>55,782</b>	<b>43,483</b>	<b>28,810</b>
Farms consisting of owned land only.....	56,500	44,318	( <sup>1</sup> )	( <sup>1</sup> )
Farms consisting of owned and hired land.....	10,132	8,211	( <sup>1</sup> )	( <sup>1</sup> )
Farms operated by managers.....	3,417	3,253	( <sup>1</sup> )	( <sup>1</sup> )
<b>Farms operated by tenants.....</b>	<b>18,148</b>	<b>16,760</b>	<b>9,405</b>	<b>7,124</b>
Share tenants.....	6,135	7,686	4,831	3,915
Share-cash tenants.....	704	704	( <sup>1</sup> )	( <sup>1</sup> )
Cash tenants.....	9,737	7,770	4,574	3,209
Tenure not specified.....	1,572	9,074	4,574	3,209
<b>Per cent of farms operated by—</b>				
Owners and managers.....	79.4	76.9	82.2	80.2
Tenants.....	20.6	23.1	17.8	19.8
Share and share-cash.....	7.8	10.6	9.1	10.9
Cash and nonspecified.....	12.8	12.5	8.7	8.9

<sup>1</sup> Not reported separately.

<sup>2</sup> Share-cash tenants were doubtless largely included with share tenants in 1900, 1890, and 1880.

<sup>3</sup> Prior to 1910 nonspecified tenants were included with cash tenants.

The following table shows the total and improved acreage and the value of land and buildings for farms operated by owners (including part owners), managers, and tenants, respectively:

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
	<b>Total.....</b>	<b>27,931,444</b>	<b>28,828,951</b>	<b>11,389,694</b>	<b>11,558,857</b>	<b>\$1,450,601,488</b>
Owners.....	15,125,339	15,189,945	6,464,472	6,718,790	882,447,830	413,616,770
Managers.....	4,094,972	7,002,038	1,728,625	1,602,536	229,644,415	124,664,000
Tenants.....	6,201,133	6,636,968	3,196,797	3,637,511	338,609,243	169,732,190

The following table shows the per cent distribution by tenure groups of the items in the preceding table, and also of the number of farms:

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	75.5	72.4	54.2	62.7	56.8	56.2	60.8	58.4
Managers.....	3.9	4.5	23.6	24.3	15.2	13.4	15.8	17.6
Tenants.....	20.6	23.1	22.2	23.0	28.1	30.4	23.3	24.0

It will be seen that in 1910, 54.2 per cent of all land in farms was in farms operated by their owners (including part owners), 23.6 per cent in farms operated by managers, and 22.2 per cent in farms operated by tenants, the percentage for owners being higher and that for managers and for tenants lower than in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (1,933 acres) was considerably more than five and one-half times as great as that of farms operated by tenants (341.7 acres), which was in turn about one and one-half times as great as that of farms operated by owners (227 acres). The average size of each class of farms decreased between 1900 and 1910. In 1910 the percentage of farm land improved was highest for farms operated by tenants, and lowest for those operated by managers.

FARMS OPERATED BY:	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.				Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	316.7	397.4	129.1	164.8	49.8	41.5	\$16,447	29,759	\$51.83	\$24.58
Owners.....	227.0	289.2	97.0	127.9	42.7	44.2	13,244	7,874	\$8.34	27.23
Managers.....	1,933.0	2,152.3	505.9	492.6	26.2	22.9	67,177	28,292	\$4.75	17.79
Tenants.....	341.7	396.0	176.1	217.0	51.6	54.8	18,638	10,127	\$4.60	23.57

**Farm mortgages: 1890 to 1910.**—The Eleventh Census (1890) was the first to collect data relating to mortgage debt on farms. The basis of the returns was the "farm home" occupied by its owner. The same class of information was secured by the population schedules of the Twelfth Census (1900). The agricultural schedules of the Thirteenth Census (1910) secured practically the same information, except that the basis was "owned farms" instead of "owned farm homes"—a difference involving, however, no appreciable incomparability.

The following table relates to farms operated by persons owning all or part of the land, and shows for 1910 (1) the number of such farms reported as free from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

CLASS.	OWNED FARM HOMES.		OWNED FARM HOMES. <sup>2</sup>		OWNED FARM HOMES. <sup>2</sup>	
	1910		1900		1890	
	Number.	Per cent. <sup>3</sup>	Number.	Per cent. <sup>3</sup>	Number.	Per cent.
Total.....	66,632	.....	51,093	.....	42,282	.....
Free from mortgage.....	39,368	59.5	33,620	67.8	28,320	67.2
Mortgaged.....	26,749	40.3	15,979	32.2	13,732	32.5
Unknown.....	515	.....	1,494	.....	.....	.....

In 1910 the total number of farms owned in whole or in part by the operators was 66,632. Of this number, 39,368 were reported as free from mortgage; 26,749 were reported as mortgaged; and for 515 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 40.5 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is considerably higher than it was in 1900 and 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1900 there was a greater absolute increase in the number of farms free from mortgage than in the number mortgaged. During the last decade, however, the greater increase occurred in the number mortgaged, the increase in the latter being 10,770 and that in the number free from mortgage 5,748.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 26,749 farms reported as mortgaged, 22,146 are wholly owned by the farmers, and for 21,430 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE. <sup>4</sup>	
	1910 <sup>2</sup>		1890 <sup>2</sup>	
	Amount.	Per cent.	Amount.	Per cent.
Number.....	21,430	.....	13,732	.....
Value—Land and buildings.....	\$250,199,190	.....	\$154,256,896	.....
Amount of mortgage debt.....	\$60,036,660	.....	\$46,767,857	.....
Per cent of debt to value.....	24.0	.....	30.3	.....
Average value per farm.....	\$11,675	.....	\$11,233	.....
Average debt per farm.....	\$2,802	.....	\$3,406	.....
Average equity per farm.....	\$8,873	.....	\$7,827	.....

<sup>1</sup> Includes all farms owned in whole or in part by the operator.  
<sup>2</sup> The 1,214 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.  
<sup>3</sup> Per cent of combined total of "free from mortgage" and "mortgaged."

<sup>1</sup> A minus sign (-) denotes decrease.  
<sup>2</sup> Includes only farms consisting wholly of owned land and reporting value of farm not amount of debt.  
<sup>3</sup> Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

The average debt of mortgaged farms decreased in the 20-year period from \$3,406 to \$2,802, or 17.7 per cent, while the average value of such farms rose from \$11,233 to \$11,675, or 3.9 per cent. Thus the owner's equity increased from \$7,827 to \$8,873, or 13.4 per cent. As a result of the greater relative increase in the total farm value than in the total farm debt, the mortgage indebtedness, which was 30.3 per cent of the value of the mortgaged farm in 1890, fell to 24 per cent in 1910.

**Farms by size groups: 1910 and 1900.**—The following table shows the distribution of farms by size groups at the censuses of 1910 and 1900:

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. <sup>1</sup>		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
	<b>Total</b> .....	<b>88,197</b>	<b>72,942</b>	<b>15,656</b>	<b>21.6</b>	<b>100.0</b>
Under 3 acres.....	1,269	1,492	-223	-14.9	1.4	2.1
3 to 9 acres.....	9,324	5,354	3,970	74.2	10.6	7.4
10 to 19 acres.....	11,932	8,236	3,696	44.9	13.5	11.4
20 to 49 acres.....	20,614	13,110	7,504	57.2	23.4	18.1
50 to 99 acres.....	10,680	8,067	2,613	32.4	12.1	11.1
100 to 174 acres.....	12,015	13,196	-1,181	-8.9	13.6	18.2
175 to 259 acres.....	4,689	4,635	54	1.2	5.3	4.4
260 to 499 acres.....	7,862	8,379	-508	-6.1	8.9	11.5
500 to 999 acres.....	5,119	5,379	-260	-3.9	5.8	7.3
1,000 acres and over.....	4,653	4,753	-100	-1.3	5.3	6.5

<sup>1</sup> A minus sign (-) denotes decrease.

Of all the farms in California, 23.4 per cent are from 20 to 49 acres in size, 13.6 per cent from 100 to 174 acres, 13.5 per cent from 10 to 19 acres, and 12.1 per cent from 50 to 99 acres. Thus over three-fifths of all the farms in the state are from 10 to 174 acres in size. About one-fourth are of 175 acres or more. A study of the distribution of farms by size groups discloses the fact that between 1900 and 1910 the greatest absolute gain (7,504) occurred in those from 20 to 49 acres in size, while the greatest relative gain (74.2 per cent) took place in those from 3 to 9 acres. The number of places reported as farms of "under 3 acres" decreased 223, and now represents but 1.4 per cent of the total number of farms. This falling off may be due to a different interpretation made by the enumerators as to what constitutes a small farm, or may represent an actual decrease in the number of farms of that type.

Each of the five groups of farms of 100 acres and over shows a decrease, with the exception of the "175 to 259 acres" group, which group, although increasing in number, constituted a smaller proportion of all farms in 1910 than in 1900. An increase is reported for each of the groups embracing farms of from 3 to 99 acres. This increase in the relative number of the smaller farms in conjunction with the decline in aggregate farm acreage during the decade indicates a tendency to subdivide the large farms into smaller ones.

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all

22,525), and also the farms of between 175 and 499 acres (numbering 12,551):

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
	<b>Total</b> .....	<b>27,931,444</b>	<b>28,878,961</b>	<b>11,389,894</b>	<b>11,958,837</b>	<b>\$1,450,601,458</b>
Under 20.....	260,822	144,439	189,679	132,285	135,881,517	65,390,550
20 to 49.....	625,954	385,844	558,296	339,866	192,799,674	70,970,880
50 to 99.....	723,631	578,102	600,140	423,038	149,384,265	59,248,725
100 to 174.....	1,709,459	1,945,423	972,519	931,867	361,032,374	74,150,220
175 to 499.....	3,816,798	3,998,456	2,228,957	2,298,008	271,173,253	274,745,720
500 to 999.....	2,335,598	2,685,027	1,846,562	2,036,223	109,136,473	87,544,530
1,000 and over.....	17,289,958	18,091,661	4,995,801	2,810,429	377,565,732	234,863,800

The following table shows the per cent distribution, by size groups, of the items presented in the preceding table, and also of the number of farms:

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
<b>Total</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 20 acres.....	25.5	20.8	9.7	6.5	1.7	1.1	9.2	9.2
20 to 49 acres.....	23.4	18.1	2.2	1.3	4.9	2.8	13.3	10.0
50 to 99 acres.....	12.1	11.1	2.7	2.0	5.2	3.5	10.3	8.4
100 to 174 acres.....	13.6	18.2	6.1	6.7	8.5	16.7	11.1	16.5
175 to 499 acres.....	14.2	17.9	13.7	13.9	19.6	18.9	18.7	18.0
500 to 999 acres.....	5.8	7.3	12.7	12.8	16.2	17.0	11.3	12.4
1,000 acres and over.....	5.3	6.5	61.9	62.8	45.9	48.6	26.0	32.2

Of the total farm acreage of the state in 1910, 61.9 per cent was in farms of 1,000 acres and over, this being from the standpoint of aggregate acreage the most important size group, although it comprised only 5.3 per cent of the total number of farms. Between 1900 and 1910 there was an increase in the proportion of the total acreage which was in farms of each size group less than 100 acres and a decrease in the proportion in farms of each size group 100 acres or more.

In general, as shown by the next table, the percentage of farm land improved diminishes as the size of the farms increases. For this reason and also because buildings have normally a higher value in proportion to farm acreage on small than on large farms, the average value of land and buildings per acre of land also diminishes with the increase in the size of the farms; it is very much higher for the farms under 20 acres in size than for those of any other group.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.				AVERAGE VALUE OF LAND AND BUILDINGS.			
	Per cent.		Per acre.		Per cent.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900
<b>Total</b> .....	<b>40.8</b>	<b>41.5</b>	<b>\$15,447</b>	<b>\$9,759</b>	<b>851.93</b>	<b>\$24.56</b>		
Under 20 acres.....	94.4	91.7	5,944	3,340	666.67	309.64		
20 to 49 acres.....	89.2	88.1	9,353	5,413	308.61	183.94		
50 to 99 acres.....	79.7	73.0	15,988	7,345	198.41	102.49		
100 to 174 acres.....	56.9	46.9	15,403	6,619	94.20	38.12		
175 to 499 acres.....	28.3	46.7	21,634	9,823	71.21	31.86		
500 to 999 acres.....	32.2	56.3	32,068	16,828	46.43	23.76		
1,000 acres and over.....	28.9	32.1	86,453	49,414	21.84	12.98		

**Color and nativity of farmers: 1910.**—Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concerning the nativity of farmers. The following table shows the color and nativity of farm operators by character of tenure for 1910:

COLOR AND NATIVITY.	FARM OPERATORS.											
	Total.			Own-ers.			Ten-ants.			Man-agers.		
	Num-ber.	Per cent dis-tribution.		Own-ers.	Ten-ants.	Man-agers.	Own-ers.	Ten-ants.	Man-agers.	Own-ers.	Ten-ants.	Man-agers.
<b>Total</b> .....	88,197	100.0		66,832	18,148	3,417	75.5	20.6	3.9			
Native white.....	58,926	66.8		45,780	10,505	2,641	77.7	17.8	4.5			
Foreign-born white.	26,193	29.7		19,914	5,565	714	76.0	21.2	2.7			
Negro and other nonwhite.....	3,078	3.5		938	2,078	62	30.5	67.5	2.0			

**DOMESTIC ANIMALS, POULTRY, AND BEES.**

**Domestic animals on farms: 1910.**—The census of 1910 was taken as of April 15 and that of 1900 as of June 1. Since a great many domestic animals are born during the six weeks between April 15 and June 1, and on the other hand a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not closely comparable, and the same is true in somewhat less degree of the values. For this reason the figures for 1900 are not presented in this chapter, but in the general reports of the census the figures for the several states will be presented and the extent to which their comparability is affected by the change in the date of enumeration will be discussed.

Of the total number of farms enumerated, 80,304, or 91.1 per cent, report domestic animals of some kind, the number without any domestic animals being 7,893.

Cattle are reported by 71.5 per cent of all farms, "dairy cows" by 69.3 per cent, and "other cows" by 18.3 per cent. The average number of "dairy cows" per farm reporting such cows is less than 8, while the average number of "other cows" per farm reporting is about 36. Each class of cattle, excepting calves, increased in number materially during the last decade. The census of 1900 was taken as of June 1, after all the spring calves were born, while that of 1910 was taken as of April 15, before the close of the calving season and when the calves on hand were on the average younger than at the enumeration of 1900. As a result the calves enumerated were fewer in number and of lower average value in 1910 than in 1900, the number decreasing from 329,430 to 267,799, and the average value decreasing from \$8.49 to \$7.03.

Horses are reported by 86.3 per cent of all the farms in the state. It may be noted that only 19.1 per cent report colts born in 1909 and 12.9 per cent report spring colts. The average value of mature horses is considerably more than twice that reported in 1900.

More than two-thirds (66.8 per cent) of the California farmers were native whites and about three-tenths (29.7 per cent) foreign-born whites. Only 3,078, or 3.5 per cent of all farmers, were nonwhites. Of these, 1,816 were Japanese, 591 Indians, 512 Chinese, and 159 negroes. It is interesting to note the form of tenure under which these different classes hold land. Of the native white farmers, 17.8 per cent were tenants; of the foreign-born white, 21.2 per cent; and of the nonwhite, 67.5 per cent.

Of a total of 26,193 foreign-born white farmers in California in 1910, 4,669 were born in Germany, 2,457 in Italy, 2,365 in England, and 2,124 in Canada. Other European countries were represented by a total of 13,531 farmers, and non-European countries, other than Canada, by 1,047.

The following table summarizes the statistics of domestic animals on farms for the state, recorded as of April 15, 1910. Cattle and sheep are divided into age and sex groups, while horses, mules, and swine are presented by age groups only.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Percent of all farms.	Number.	Value.	Average value.
<b>Total</b> .....	80,304	91.1	.....	\$123,024,652	.....
<b>Cattle</b> .....	63,053	71.5	2,077,025	\$2,785,068	\$25.41
Dairy cows (cows and heifers kept for milk; born before Jan. 1, 1909).....	61,101	69.3	467,332	18,597,328	39.79
Other cows (cows and heifers not kept for milk; born before Jan. 1, 1909).....	16,116	18.3	576,969	14,798,012	25.65
Heifers born in 1909.....	24,492	27.8	218,480	3,448,595	15.78
Calves born after Jan. 1, 1910.....	30,126	34.2	267,799	1,883,533	7.03
Steers and bulls born in 1909.....	11,934	13.5	163,728	2,889,503	17.63
Steers and bulls born before Jan. 1, 1909.....	11,601	13.2	321,964	9,941,169	30.87
Unclassified cattle.....	63	0.1	60,793	1,226,898	20.18
<b>Horses</b> .....	76,119	86.3	468,886	47,099,196	100.45
Mares, stallions, and geldings, born before Jan. 1, 1909.....	75,911	86.1	402,584	43,770,557	108.72
Colts born in 1909.....	16,813	19.1	41,927	2,389,191	56.98
Colts born after Jan. 1, 1910.....	11,364	12.9	23,637	767,648	33.32
Unclassified horses.....	11	(7)	1,338	171,800	128.40
<b>Mules</b> .....	11,015	12.5	89,761	9,618,444	129.25
Mules born before Jan. 1, 1909.....	10,059	11.4	61,997	6,552,021	137.94
Mule colts born in 1909.....	1,761	2.0	4,913	251,667	71.58
Mule colts born after Jan. 1, 1910.....	1,271	1.4	2,851	112,756	39.85
<b>Asses and burros</b> .....	1,099	1.2	2,592	347,315	133.99
<b>Swine</b> .....	31,699	35.8	766,591	5,106,803	6.66
Hogs and pigs born before Jan. 1, 1910.....	27,555	31.3	452,910	4,246,624	9.40
Pigs born after Jan. 1, 1910.....	16,143	18.3	283,741	759,979	2.68
<b>Sheep</b> .....	3,857	4.4	2,417,477	8,948,997	3.64
Ewes born before Jan. 1, 1910.....	3,390	3.8	1,217,515	4,914,783	4.05
Rams and wethers born before Jan. 1, 1910.....	2,204	2.5	307,773	1,326,699	4.31
Lambs born after Jan. 1, 1910.....	3,028	3.4	892,189	2,107,515	2.36
<b>Goats</b> .....	1,714	1.9	138,413	320,829	2.32

<sup>1</sup> Less than one-tenth of 1 per cent.

Mules are reported by about one farm out of every eight, and the number of this class of animals is 14.9 per cent of the number of horses. The average values of mules are considerably higher than those of horses of corresponding ages.

Sheep and lambs are reported from 3,857 farms, or 4.4 per cent of all the farms in the state. Of these farms, 78.5 per cent report spring lambs, the number of the latter being equal to 73.3 per cent of the number of ewes. Ewes are reported from 3,390 out of the 3,857 farms reporting sheep, the average number being about 359 per farm. The figures for the farms reporting rams and wethers show an average of about 140 per farm. The average size of the flock, excluding spring lambs, was about 395 in 1910, as compared with about 477 in 1900.

Of all farms, 35.8 per cent report swine, the average number being about 24 per farm reporting. Only 18.3 per cent of all farms report spring pigs, owing doubtless to the early date of enumeration. The average value of the swine reported under the head of "hogs and pigs born before January 1, 1910," is \$9.

**Poultry on farms: 1910 and 1900.**—The following table gives the numbers of the various kinds of poultry reported in 1910 and 1900, together with their value, and the number of farms reporting each kind in 1910:

KIND.	1910 (April 15)			Value.	1900 (June 1)
	Farms reporting.		Number of fowls.		
	Number.	Per cent of all farms.			
Total.....	66,251	75.1	8,087,567	\$3,844,538	4,194,408
Chickens.....	66,055	74.9	8,665,964	3,257,049	3,947,200
Turkeys.....	11,927	13.5	116,602	258,053	158,356
Ducks.....	3,696	4.1	40,004	25,325	62,293
Geese.....	2,567	2.9	14,195	18,609	28,419
Guinea fowls.....	760	0.9	2,920	1,903	(1)
Pigeons.....	2,152	2.4	69,554	69,554	(2)
Ostriches.....	10	(*)	1,082	229,340	(3)
All other.....	39	(*)	378	1,923	(*)

1 Included with chickens.

2 Not reported.

3 Less than one-tenth of 1 per cent.

\*Thirty-one farms report 238 podwols, valued at \$1,431; 7 farms report 87 pheasants, valued at \$367; 1 farm reports 3 India jungle fowls, valued at \$100.

The number of fowls on California farms increased from 4,196,000 in 1900 to 6,087,000 in 1910, or 45.1 per cent during the last decade, while the value shows an increase from \$1,902,000 to \$3,845,000, or 102.1 per cent. The increase in the number of fowls was confined almost entirely to chickens, a decrease being reported in 1910 for each of the other classes for which there are comparable figures, except ostriches. Pigeons, an important class in 1910, were not reported in 1900. The number of farms reporting poultry increased from 55,479 to 66,251, or 19.4 per cent, and the average number of fowls per farm reporting

increased from 76 to 92. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

**Bees on farms: 1910 and 1900.**—The number of farms reporting bees has decreased from 6,915 in 1900 to 6,870 in 1910, or 0.7 per cent. The number of colonies of bees increased from 129,444 to 201,023, or 55.3 per cent, and their value increased from \$363,885 to \$729,793, or 100.6 per cent. The average value of bees per farm reporting was \$52.62 in 1900 and \$106.23 in 1910. About eight farms in every hundred report bees.

**Domestic animals not on farms: 1910.**—Most of the domestic animals not on farms are found in cities, towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the table below age groups are omitted for the sake of brevity.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	56,987		\$18,797,015	
All cattle.....	21,323	46,176	1,604,747	\$34.75
Dairy cows.....	23,497	29,982	1,321,897	44.12
Horses.....	45,708	132,521	15,142,941	114.27
Mules.....	1,519	10,612	1,638,381	154.39
Asses and burros.....	449	1,657	45,114	42.68
Swine.....	1,566	12,168	100,761	8.28
Sheep.....	214	64,631	232,572	3.69
Goats.....	1,477	7,113	32,629	4.59

As would be expected, horses are by far the most important class of domestic animals not on farms both in number and value; sheep rank second in importance in point of number, while mules rank second in value.

**Domestic animals on farms and not on farms: 1910.**—The following table gives the total number and value of domestic animals, distinguishing those on farms from those not on farms:

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....		\$141,821,867		\$123,024,652		\$18,797,015
All cattle.....	2,128,291	\$4,389,753	2,077,028	\$2,755,088	46,176	1,604,747
Dairy cows.....	497,294	19,919,223	467,332	18,597,328	29,982	1,321,897
Horses.....	601,467	62,242,637	468,836	47,099,196	132,521	15,142,941
Mules.....	83,373	10,454,828	69,761	9,016,444	10,612	1,638,381
Asses and burros.....	3,649	392,429	2,892	347,315	1,657	45,114
Swine.....	778,719	5,207,564	706,351	6,106,803	12,168	100,761
Sheep.....	2,482,198	8,351,569	2,417,471	8,348,997	64,631	232,572
Goats.....	145,526	353,458	138,415	330,829	7,113	32,629

The total value of all domestic animals in the state in 1910 was \$141,822,000, of which the value of animals not on farms constituted 13.3 per cent.

LIVE STOCK PRODUCTS.

The returns for live stock products obtained at the census of 1910, like those for crops, relate to the activities of the calendar year 1909. It is impossible to give a total representing the annual production of live stock products for the reason that, as shown elsewhere, the total value of products from the business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. Even if this value could be ascertained and were added to the value of the crops the sum would not correctly represent the total value of farm products, because, as already more fully explained, duplication would result from the fact that part of the crops are fed to the live stock.

**Dairy products 1909 and 1899.**—The following table shows the principal statistics relative to dairy products in 1909, with certain comparative statistics for 1899:

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	61,101	69.3	667,332	Head.		
On farms reporting dairy products in 1909.....	46,376	52.6	408,812	Head.		
On farms reporting milk produced in 1909.....	42,112	47.7	315,385	Head.		
Specified dairy products, 1899:						
Milk reported.....	31,245	35.5	154,901,956	Gals.	\$4,085,992	80.27
Butter made.....	489	0.5	2,777,873	Lbs.	383,494	0.14
Milk sold.....	5,906	6.7	45,333,432	Gals.	7,346,176	0.16
Cream sold.....	3,133	3.6	3,397,061	Gals.	2,861,921	0.54
Butter fat sold.....	5,505	6.2	15,176,719	Lbs.	5,766,394	0.30
Butter sold.....	12,911	14.6	10,285,583	Lbs.	2,763,392	0.27
Cheese sold.....	188	0.2	2,513,815	Lbs.	545,414	0.14
Total receipts from sales, 1909.....					10,083,297	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					20,443,977	
Specified dairy products, 1899:						
Butter made.....	32,083	44.2	29,853,360	Lbs.		
Cheese made.....	430	0.6	4,246,588	Lbs.		
Butter sold.....			15,256,667	Lbs.	2,903,714	0.19
Cheese sold.....			3,989,933	Lbs.	364,456	0.09

The number of farms reporting dairy cows on April 15, 1910, was 61,101, but only 46,376 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so, perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards the quantity of milk produced. The number of farms which made any report of milk

produced during 1909 was 42,112 (somewhat less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 315,000. The amount of milk reported was 154,902,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 491 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$20,444,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Less than one-third of the milk reported as produced by California farmers in 1909 was sold as such. Large quantities of milk and cream were sold on the butter fat basis. The butter made on farms in 1909 was valued at \$4,086,000.

Comparisons are made between 1909 and 1899 for but few of the census items relating to dairy products, for the reason that in 1899 estimates were made for farms with incomplete reports, which was not done at the census of 1910. The figures for milk produced and milk sold are particularly affected, but those for butter and cheese are approximately comparable. The table shows a material decrease between 1899 and 1909 in the amount of butter made, and a still greater relative decrease in the production of cheese.

**Wool: 1909 and 1899.**—The next table gives statistics as to the production of wool on farms, the figures being partly based on estimates.<sup>1</sup>

<sup>1</sup> Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 1,434 farmers who reported the possession of 214,485 sheep of shearing age on April 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep, or did not occupy the same farm, during the preceding year. The returns of farms reporting wool in 1909 but no sheep of shearing age on April 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909 and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	3,546	1,525,288			
Wool produced, as reported, 1909.....	2,236		2,275,380	12,516,274	\$2,145,107
On farms reporting sheep April 15, 1910.....	2,112	1,310,803	2,202,421	12,086,934	2,083,992
On other farms.....	124		72,968	429,340	62,015
Total production of wool (partly estimated):					
1899.....			2,562,890	14,064,703	2,423,946
1899.....			2,882,305	13,680,495	1,707,088
Increase, 1899 to 1909.....			-319,505	384,208	716,858
Per cent of increase <sup>1</sup> .....			-11.1	2.8	42.0

<sup>1</sup> A minus sign (-) denotes decrease.

The total number of sheep of shearing age in California on April 15, 1910, was 1,525,000, representing a decrease of 11.6 per cent as compared with the number on June 1, 1900 (1,725,000). The approximate production of wool during 1909 was 2,563,000 fleeces, weighing 14,065,000 pounds and valued at \$2,424,000. Of these totals about 11 per cent represents estimates. The number of fleeces produced in 1909 was 11.1 per cent less than in 1899. The average weight per fleece in 1909 was 5.5 pounds, as compared with 4.7 pounds in 1899, and the average value per pound was 17 cents, as compared with 12 cents in 1899.

**Goat hair and mohair: 1909 and 1899.**—Although 1,714 farmers reported 138,413 goats and kids on their farms April 15, 1910, only 367 reported the production of goat hair or mohair during 1909. These farmers reported 102,134 fleeces, weighing 282,596 pounds and valued at \$60,821. The production showed a considerable increase between 1899 and 1909. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

**Poultry products: 1909 and 1899.**—The total number of fowls on California farms on April 15, 1910, was 6,087,000. Of the 66,251 farms reporting fowls, 14,180 did not report any eggs produced in 1909, and 18,136 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 35,908,000 dozens, valued at \$8,983,000. According to the Twelfth Census reports the production of eggs in 1899 was 24,444,000 dozens, the value being \$3,865,000. The latter figures, however, are somewhat in excess of the actual returns at

that census, because they include estimates made to cover those cases where the schedule reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899 similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates, was 41,022,000 dozens, valued at \$10,263,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 8,431,000 fowls, valued at \$4,421,000.

The statement below gives data relative to the production and sale of eggs and poultry:

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	66,251	6,087,207		
On farms reporting eggs produced in 1909.....	52,071	5,380,858		
On other farms.....	14,180	706,409		
Eggs produced, as reported, 1909.....	52,677		35,907,973	\$8,983,204
Total production of eggs (partly estimated):				
1909.....			41,022,395	10,262,604
1899.....			24,443,540	3,864,679
Increase, 1899 to 1909.....			16,578,855	6,397,925
Per cent of increase.....			67.8	165.6
Eggs sold, as reported, 1909.....	36,621		26,867,687	6,717,428
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	48,115	5,123,648		
On other farms.....	18,136	963,619		
Poultry raised, as reported, 1909.....	49,170		7,096,339	3,720,744
Total poultry raised (partly estimated):				
1909.....			8,430,968	4,420,515
1899.....			2,452,967	386,967
Increase, 1899 to 1909.....			5,977,999	4,033,548
Per cent of increase.....			243.4	1043.4
Fowls sold, as reported, 1909.....	27,492		3,678,208	2,018,568

**Honey and wax: 1909.**—Although, as noted elsewhere, 6,870 farms reported 201,023 colonies of bees on hand April 15, 1910, 2,782 of these farms, with 21,397 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 10,264,715 pounds of honey, valued at \$631,529, and 126,445 pounds of wax, valued at \$33,838; the true totals are doubtless somewhat above these figures.

**Sale or slaughter of domestic animals on farms: 1909 and 1899.**—The next statement presents statistics relating to the sale or slaughter of domestic animals by California farmers during the year 1909, with certain items for 1899.

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Percent of all farms.		Total.	Average.
<b>1909—All domestic animals:</b>				\$31,130,113	
Sold.....				2,497,907	
Slaughtered.....					
<b>Cattle:</b>			147,467	1,012,253	\$6.86
Sold.....	16,882	19.1	50,538	328,633	6.49
Slaughtered.....	4,767	5.4			
<b>Other cattle:</b>			548,920	17,577,236	32.02
Sold.....	19,775	22.4	36,319	961,211	26.47
Slaughtered.....	4,054	4.6	26,989	3,375,965	116.40
<b>Horses sold:</b>	7,955	9.0			
<b>Mules sold:</b>	1,627	1.8	8,916	1,201,849	134.80
<b>Asses and burros sold:</b>	62	0.1	166	20,676	124.55
<b>Swine:</b>			478,678	4,861,520	10.16
Sold.....	13,605	15.4	82,270	1,053,424	12.80
Slaughtered.....	15,337	17.4			
<b>Sheep:</b>			815,969	3,024,931	3.71
Sold.....	1,713	1.9	35,915	142,672	3.97
Slaughtered.....	919	1.0			
<b>Goats:</b>			19,751	54,663	2.77
Sold.....	274	0.3	4,001	11,607	2.92
Slaughtered.....	335	0.4			
<b>1899—All domestic animals:</b>				13,305,165	
Sold.....				2,449,820	

<sup>1</sup> Schedules called for receipts from sales of animals raised on the farms reporting.

The total value of domestic animals sold during 1909 was \$31,130,000 and that of animals slaughtered

on farms \$2,497,000, making an aggregate of \$33,627,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year. More than one-half of this aggregate represents cattle (excluding calves) sold.

The value of the cattle (including calves) sold during 1909 represented somewhat less than three-fifths of the total value of all animals sold, and the value of the swine sold represented less than one-sixth of the total.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the value of those slaughtered during the year 1899, which amounted, respectively, to \$13,305,000 and \$2,450,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

CROPS.

**Summary: 1909 and 1899.**—The following table summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery products, and forest products of farms. In comparing one year with the other it should be borne in mind that acreage is on the whole a better index of the

general changes or tendencies of agriculture than either the quantity or the value of the crops, since variations in quantity may be due largely to temporarily favorable or unfavorable climatic conditions, and variations in the value of the crops are largely affected by changes in prices. (See also discussion of "Total value of farm products.")

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.					
	1909	1899	Increase. <sup>1</sup>		1909	1899	1909	1899	Increase. <sup>1</sup>		Per cent of total.	
			Amount.	Per cent.					Amount.	Per cent.	1909	1899
All crops.....							\$153,111,013	\$95,365,712	\$57,745,301	60.6	100.0	100.0
<b>Crops with acreage reports.....</b>	<b>4,924,733</b>	<b>6,434,434</b>	<b>-1,509,701</b>	<b>-23.5</b>	<b>43.2</b>	<b>53.8</b>	<b>100,409,039</b>	<b>64,883,063</b>	<b>35,825,976</b>	<b>55.5</b>	<b>65.8</b>	<b>67.7</b>
Cereals.....	1,970,422	4,004,254	-2,033,762	-50.8	17.3	33.5	28,039,826	33,674,733	-5,634,907	-16.7	18.3	35.3
Other grains and seeds.....	163,776	49,219	114,557	22.7	1.4	0.4	6,517,453	1,116,878	5,400,575	83.6	4.3	1.2
Hay and forage.....	2,533,347	2,239,601	293,746	13.1	22.2	18.7	42,187,245	19,430,398	22,756,847	117.1	27.6	20.4
Tobacco.....	4	27	-23	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	479	4,352	-3,873	-89.0	( <sup>2</sup> )	( <sup>2</sup> )
Cotton (including cotton seed).....	324	2	324	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	12,776		12,776	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Hemp.....	300	500	-200	-40.0	0.0	( <sup>2</sup> )	39,660	45,000	-6,000	-13.3	( <sup>2</sup> )	( <sup>2</sup> )
Hops.....	8,321	6,849	1,501	21.8	0.1	0.1	1,731,110	925,319	805,791	87.1	1.1	1.0
Broomcorn.....	1,623	1,669	-46	-88.7	( <sup>2</sup> )	( <sup>2</sup> )	22,294	40,306	-7,807	-19.7	( <sup>2</sup> )	( <sup>2</sup> )
Sugar crops.....	79,604	41,382	38,222	92.4	0.7	0.3	4,335,258	1,554,134	2,781,224	179.0	2.8	1.6
Sundry minor crops.....	7	4,919	-4,912	-99.9	( <sup>2</sup> )	( <sup>2</sup> )	840	303,585	-102,745	-99.2	( <sup>2</sup> )	( <sup>2</sup> )
Potatoes and sweet potatoes and yams.....	72,799	45,735	29,064	66.6	0.6	0.4	5,225,073	2,773,140	2,451,933	88.8	3.4	2.9
Other vegetables.....	79,163	32,401	46,762	144.3	0.7	0.3	6,886,885	2,808,832	4,078,053	140.9	4.5	3.0
Flowers and plants and nursery products.....	5,816	3,586	2,230	62.2	0.1	( <sup>2</sup> )	3,601,391	1,138,975	2,462,320	216.2	2.4	1.2
Small fruits.....	9,687	6,281	3,406	54.2	0.1	0.1	1,789,214	911,411	877,803	96.3	1.2	1.0
<b>Crops with no acreage reports.....</b>							<b>52,701,974</b>	<b>30,782,649</b>	<b>21,919,325</b>	<b>71.2</b>	<b>34.4</b>	<b>32.3</b>
Seeds.....							191,253	609,855	318.6	0.5	0.2	
Fruits and nuts.....							48,417,635	*28,809,830	20,107,825	69.8	31.9	30.2
Forest products of farms.....							2,948,732	1,724,378	1,225,354	71.1	1.9	1.8
Miscellaneous.....							33,329	57,148	-23,819	-40.8	( <sup>2</sup> )	0.1

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Per cent not calculated when base is less than 100.

<sup>1</sup> Less than one-tenth of 1 per cent.

\* Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$153,111,000. Of this amount, 65.6 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden, and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 4,924,733, representing 43.2 per cent of the total improved land in farms (11,389,894 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, horse and farm yards, and land occupied by orchards and vineyards, the acreage for which was not reported.

The general character of California agriculture is indicated by the fact that somewhat less than one-fifth (18.3 per cent) of the total value of crops in 1909 was contributed by the cereals, somewhat less than one-third (31.9 per cent) by fruits and nuts, and more than one-fourth (27.6 per cent) by hay and forage. The remainder, representing 22.2 per cent of the total, consisted mostly of potatoes and other vegetables, grains and seeds, other than cereals, sugar crops, and flowers and plants and nursery products.

The total value of crops in 1909 was 60.6 per cent greater than in 1899, this increase being no doubt due in part to higher prices. There was a decrease of 23.5 per cent in the total acreage of crops for which acreage was reported, the greatest decrease amounting to more than two millions of acres being reported for cereals, while all the other important crops showed increases in acreage, the greatest absolute increase being that in the acreage of hay and forage.

**General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.**—The leading crops covered by the table, in the order of their importance as judged by value, are hay and forage, \$42,187,000; barley, \$17,185,000; wheat, \$6,324,000; dry edible beans, \$6,295,000; and potatoes, \$4,879,000. It should be noted, however, that some of the crops reported in other tables are more important than wheat, dry edible beans, or potatoes.

The combined acreage of the cereals is fully four-fifths that of hay and forage, while the value of the crop is only about two-thirds as great. Barley is the leading cereal, both its acreage and value being about three-fifths those of all cereals combined. Wheat ranks second, with an acreage approximately one-fourth that of all cereals combined, while the value of the crop is more than one-fifth as great. Oats, corn, and kafir corn and milo maize rank in the order named in both acreage and value.

Of the hay and forage crops, by far the most important is "grains cut green." The acreage of this

crop represents considerably more than three-fifths of the total acreage in hay and forage, and the value is about one-half that of the entire hay and forage crop. Of the remaining crops, "alfalfa," "wild, salt, or prairie grasses," and "other tame or cultivated grasses" are the most prominent, both in acreage and in value.

Dry edible beans, potatoes, and hops are among the principal crops when value is considered. Dry edible beans have an acreage more than one-eighth as great as barley, the leading cereal, and a value more than one-third as great. Potatoes, with an acreage but little more than one-twentieth as great as that of barley, show a value considerably more than one-fourth as great. Hops, with a very small acreage, show a value over one-tenth that of barley.

The following table presents statistics for 1909 regarding cereals, other grains and seeds, hay and forage, potatoes, tobacco, cotton, hemp, hops, broom corn, and sundry minor crops:

crop.	Farms report- ing.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
<b>Cereals, total</b> .....		1,970,492	39,105,917	Bu.	\$25,000,426
Corn.....	5,728	51,935	1,273,901	Bu.	1,077,411
Oats.....	2,477	192,138	4,143,688	Bu.	2,637,647
Wheat.....	4,678	478,217	6,253,983	Bu.	6,324,000
Common winter.....	3,739	426,405	5,340,574	Bu.	5,483,204
Common spring.....	964	51,732	857,543	Bu.	835,002
Barley.....	7	469	5,829	Bu.	5,777
Emmer and spelt.....	19	840	19,755	Bu.	18,758
Barley.....	7,507	1,195,118	26,441,954	Bu.	17,185,000
Kafir corn.....	133	29	14,681	Bu.	11,669
Eye.....	193	7,027	70,683	Bu.	65,846
Kafir corn and milo maize.....	2,521	44,398	998,049	Bu.	725,704
<b>Other grains and seeds with acreage report, total</b> .....		163,776	3,467,855	Bu.	\$6,517,453
Dry edible beans.....	3,954	187,987	3,328,218	Bu.	6,295,457
Horse beans.....	67	150	5,534	Bu.	5,569
Dry peas.....	262	2,959	67,408	Bu.	101,016
Peas.....	42	90	2,901	Bu.	2,898
Flaxseed.....	8	240	1,882	Bu.	3,224
Mustard seed.....	66	1,964	63,365	Bu.	100,731
Sorghum cane seed.....	14	103	1,147	Bu.	1,967
Sunflower seed.....	21	257	6,855	Bu.	6,264
<b>Seeds with no acreage report, total</b> .....					\$60,756
Timothy seed.....	4	( <sup>1</sup> )	357	Bu.	1,095
Clover seed.....	10	( <sup>1</sup> )	310	Bu.	2,533
Alfalfa seed.....	347	( <sup>1</sup> )	23,791	Bu.	300,823
Other tame grass seed.....	5	( <sup>1</sup> )	1,077	Bu.	1,322
Flower and garden seeds.....	109	( <sup>1</sup> )		Bu.	594,734
<b>Hay and forage, total</b> .....		2,533,347	4,327,130	Tons.	\$2,187,215
Timothy alone.....	53,760	13,725	20,001	Tons.	185,573
Timothy and clover mixed.....	958	46,661	73,183	Tons.	629,975
Alfalfa.....	703	8,510	29,380	Tons.	212,809
Clover alone.....	19,904	484,134	1,639,707	Tons.	13,058,500
Milo or Hungarian grass.....	101	2,142	2,688	Tons.	27,483
Other tame or cultivated grasses.....	2,674	90,414	119,415	Tons.	1,255,428
Wild, salt, or prairie grasses.....	3,679	253,127	281,033	Tons.	2,028,594
Grains cut green.....	38,397	1,094,745	2,019,326	Tons.	24,056,727
Coarse forage.....	2,175	25,868	60,611	Tons.	438,016
Root forage.....	1,021	4,012	90,580	Tons.	296,995
Potatoes.....	12,333	67,688	9,824,005	Bu.	4,879,440
Sweet potatoes and yams.....	1,133	5,111	672,814	Bu.	365,624
Tobacco.....	12		4,502	Lbs.	1,079
Cotton.....	18	824	183	Bales	11,744
Cotton seed (estimated).....			92	Tons.	1,032
Hemp.....	275	2	600,000	Lbs.	50,000
Hops.....	275	8,391	11,994,933	Lbs.	1,731,110
Broom corn.....	24	1,023	644,250	Lbs.	32,509
Sundry minor crops, total.....		7			\$40

<sup>1</sup> Includes small amount of broom corn seed.

<sup>2</sup> The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.

<sup>3</sup> Includes small amounts of clover and willows.

The fluctuations in the acreages of some of the principal crops during the past 30 years are shown in the next table.

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Barley.	Hay and forage.	Potatoes.
1909.....	51,935	192,158	478,217	1,195,158	2,533,347	67,688
1899.....	53,930	153,734	2,683,405	1,029,647	2,239,401	42,998
1889.....	70,301	57,569	2,840,807	815,995	1,421,374	28,178
1879.....	71,781	49,947	1,832,429	586,330	758,024	( <sup>1</sup> )

<sup>1</sup> Not reported.

Barley and oats each show a steady gain in acreage throughout the 30-year period, that of barley being over twice as great in 1909 as in 1879, and that of oats nearly four times as great. The acreage of corn shows a somewhat slow yet continuous decline for the 30 years. Wheat had a much greater acreage in 1889 than in 1879, was but slightly less in 1899, but in 1909 had an acreage less than 18 per cent that of 1899. In the acreage of hay and forage, on the contrary, a marked increase throughout the period is recorded, the largest increase occurring during the second decade. The aggregate increase for the 30-year period is 1,775,323 acres. The acreage of potatoes was not reported for 1879, but shows a considerable increase during the last 20 years.

The following table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved land devoted to these crops, and the percentage of increase or decrease in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres: 1899 to 1909 <sup>1</sup>	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899			
Corn.....	6.5	7.4	0.5	0.5	-3.7	24.5 Bu.	\$20.75
Oats.....	2.8	5.3	1.7	1.3	25.0	21.6 Bu.	13.72
Wheat.....	5.3	17.4	4.2	22.4	-82.2	15.0 Bu.	13.22
Barley.....	8.6	14.2	10.5	8.6	16.1	22.1 Bu.	14.38
Hay and forage.....	61.0	68.1	22.2	18.7	13.1	1.71 Tons.	16.65
Potatoes.....	14.2	13.5	6.6	6.4	66.8	145.1 Bu.	72.09

<sup>1</sup> A minus sign (-) denotes decrease.

Of every 100 farms in California, 61 raised hay and forage in 1909; 14, potatoes; 9, barley; 7, corn; 5, wheat; and 3, oats. Except in the case of potatoes, these percentages are smaller than those for 1899.

The six crops included in the above table cover only about 40 per cent of the total improved land of the state, as compared with about 52 per cent in 1899. This large proportionate decrease is due entirely to the immense decrease in the acreage of wheat. Of the other crops, oats, barley, hay and forage, and potatoes show increases in the proportion of improved land occupied, while corn occupies the same proportion of improved land as in 1899.

The average value per acre of the combined cereals in 1909 was \$14.23, the average value of corn and barley exceeding this average, and that of oats and wheat falling below it. The average value per acre of hay and forage is slightly above that of all cereals combined, while that of potatoes is over five times as great. From 1899 to 1909 a decrease of 2,033,762 acres, or 50.8 per cent, was reported in the combined acreage of the cereals, and an increase of 293,746 acres, or 13.1 per cent, in the acreage of hay and forage.

Of the different counties of the state, more than one-half show increases in the acreage of hay and forage. With three exceptions, all the counties reporting decreases in such acreage are located in the northern half of the state. The largest absolute increase is found in San Joaquin County and the largest absolute decrease in Los Angeles County. Although an increase in the acreage of barley is reported for the state as a whole, more than one-half of the counties show decreases. As in the case of hay and forage the decreases are found principally in the northern half of the state. The greatest absolute increase is reported from Riverside County, and the greatest absolute decrease from Santa Clara County. More than one-tenth of the total acreage of the state is reported from San Joaquin County.

In the acreage of wheat only five counties show increases. Two of these, Alpine and Mono, are located near the middle of the eastern boundary line; two, Modoc and Lassen, are in the extreme northeast corner; and the remaining one, Ventura, is on the southwest coast, northwest of Los Angeles. The greatest decrease in the acreage of wheat reported for any county was 272,116 acres for Stanislaus County. Slightly more than one-half of the total acreage of dry edible beans is reported from Santa Barbara and Ventura Counties on the southwest coast. All the counties reporting increases in the acreage of oats belong to one of four distinct groups, the first consisting of four counties, Modoc, Lassen, Trinity, and Shasta, in the northern part of the state; the second, of two counties, Glenn and Sutter, just north of the center; the third, of ten counties in the central and east central parts of the state; and the fourth, of six counties in the extreme southern part of the state. The largest absolute increase is recorded for Stanislaus County, and the largest absolute decrease for Sonoma County. Hops are reported from less than one-third of the counties, and two of these, Sonoma and Mendocino, situated on the northwest coast, together report more than one-half of the total acreage. Nearly one-fifth of the corn acreage is reported from Los Angeles County, about one-half of the potato acreage from Contra Costa and San Joaquin Counties, and about one-fourth of the acreage of kafir corn and milo maize is reported from Tulare County.

**Vegetables, flowers and plants, and nursery products: 1909 and 1899.**—The table which follows shows details with regard to vegetables (not including potatoes and sweet potatoes and yams, which appear elsewhere), and also with regard to flowers and plants and nursery products:

CROP.	FARMS REPORTING: 1909		ACRES.		VALUE OF PRODUCTS.	
	Number.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	133,755	38.3	79,163	32,401	\$6,886,385	\$2,858,832
Farms reporting a product of \$500 or over.....	2,075	2.4	33,369	.....	4,836,901	.....
All other farms.....	31,680	35.9	25,794	.....	2,050,884	.....
Flowers and plants, total.....	442	0.5	1,013	672	1,388,513	580,646
Farms reporting a product of \$250 or over.....	347	0.4	.....	.....	1,375,577	.....
All other farms.....	95	0.1	.....	.....	14,936	.....
Nursery products, total.....	566	0.6	4,803	2,914	2,212,788	558,329
Farms reporting a product of \$250 or over.....	296	0.3	.....	.....	2,134,713	.....
All other farms.....	270	0.3	.....	.....	78,075	.....

<sup>1</sup> Does not include 9,393 farms which reported that they had vegetable gardens, but gave no information as to their products.

In 1909 the total acreage of potatoes and other vegetables was 151,962 and their value \$12,121,958. Excluding (so far as reported separately<sup>1</sup>) potatoes and sweet potatoes and yams, the acreage of vegetables was 79,163 and their value \$6,887,000, both acreage and value being more than twice as great as in 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were in 1909, 2,075 farms in the first class, representing about two-thirds of the total acreage of vegetables and more than two-thirds of the total value, the average acreage of vegetables per farm for these farms being 25.7 and the average value of products per acre \$90.61.

The raising of flowers and plants and of nursery products is also of considerable importance in California, 5,816 acres being devoted to them in 1909, and the output being valued at \$3,601,301. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

**Small fruits: 1909 and 1899.**—Strawberries are by far the most important of the small fruits raised in California, with raspberries and loganberries, and blackberries and dewberries ranking second and third, respectively. The total acreage of small fruits in 1909

was 9,687 and in 1899, 6,281, an increase of 54.2 per cent. The production in 1909 was 26,824,000 quarts, as compared with 14,582,000 quarts in 1899, and the value was \$1,789,000 in 1909, as compared with \$911,000 in 1899.

The following table shows data with regard to small fruits on farms:

CROP.	Number of farms reporting: 1909	ACRES.		Quantity (quarts): 1909	Value: 1909
		1909	1899		
Small fruits, total.....	9,687	6,281	.....	26,824,139	\$1,789,214
Strawberries.....	2,282	4,255	2,418	15,694,326	1,140,475
Blackberries and dewberries.....	3,190	2,576	1,960	4,898,524	282,383
Raspberries and loganberries.....	2,324	1,992	987	5,222,117	304,169
Currants.....	394	407	724	832,378	43,808
Gooseberries.....	343	74	133	145,119	9,096
Cranberries.....	12	53	.....	10,656	843
Other berries.....	1	(1)	59	1,000	150

<sup>1</sup> Less than 1 acre.

**Orchard fruits, grapes, nuts, and tropical fruits: 1909 and 1899.**—The next table presents data with regard to orchard fruits, grapes, nuts, and tropical fruits. The acreage devoted to these products was not ascertained. In comparing one year with the other the number of trees or vines of bearing age is on the whole a better index of the general changes or tendencies than the quantity of product, but the data for the censuses of 1910 and 1900 are not closely comparable, and the product is therefore compared, although variations may be due largely to temporarily favorable or unfavorable climatic conditions.

The total quantity of orchard fruits produced in 1909 was 31,502,000 bushels, valued at \$18,359,000. Plums and prunes, peaches and nectarines, apples, and apricots are the most important of the orchard fruits. The total value of the tropical fruits produced in 1909 was \$16,752,000, the value of oranges representing more than three-fourths of the total, and the value of lemons being next in importance. The production of grapes in 1909 amounted to 1,979,687,000 pounds, valued at \$10,847,000, and the production of nuts was 28,378,000 pounds, valued at \$2,960,000. Most of the nuts were Persian or English walnuts and almonds.

The value of all orchard fruits produced in California increased from \$14,527,000 in 1899 to \$18,359,000 in 1909; the value of tropical fruits increased from \$7,219,000 in 1899 to \$16,752,000 in 1909, and that of grapes from \$5,623,000 in 1899 to \$10,847,000 in 1909. It should be noted that the values for 1899 include the value of more advanced products derived from orchard and tropical fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve some duplication, while the values shown for 1909 relate only to products in their original condition.

<sup>1</sup> It is probable that some of the potatoes and sweet potatoes and yams raised in farm gardens were not reported separately by farmers, but were included in their returns for vegetables.

CROP.	TREES OR VINES OF BEARING AGE: 1910		TREES OR VINES NOT OF BEARING AGE: 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity.	Value.	Quantity.
<b>Orchard fruits, total.</b>		<b>22,485,195</b>		<b>8,410,062</b>	<b>1,31,501,807</b>	<b>\$18,358,897</b>	<b>22,690,696</b>
Apples.....	19,671	2,482,762	12,716	1,084,107	6,335,073	2,901,662	3,488,208
Peaches and nectarines.....	21,637	7,329,011	15,213	4,409,467	9,287,118	4,373,723	5,563,427
Pears.....	15,073	1,410,905	8,532	388,093	1,926,697	1,660,963	1,912,825
Plums and prunes.....	18,105	1,188,705	9,755	1,599,939	9,317,979	5,473,539	5,632,036
Cherries.....	9,177	622,304	6,217	309,963	301,319	951,524	318,960
Apricots.....	15,181	2,992,483	9,075	881,524	4,066,823	2,768,921	2,347,064
Quinces.....	4,235	76,979	2,984	63,471	32,638	26,269	(?)
Mulberries.....	134	4,076	57	1,303	52,756	2,147	(?)
Unclassified.....							228,176
<b>Grapes</b>	<b>17,793</b>	<b>144,097,070</b>	<b>10,182</b>	<b>39,828,319</b>	<b>1,879,888,528</b>	<b>10,846,812</b>	<b>721,433,400</b>
<b>Nuts, total.</b>		<b>2,034,302</b>		<b>931,933</b>	<b>43,287,318</b>	<b>2,969,848</b>	<b>17,775,565</b>
Persian or English walnuts.....	7,337	83,237	6,554	548,804	21,432,236	2,247,183	10,619,970
Almonds.....	6,819	1,166,739	6,680	368,861	4,662,313	700,304	6,892,810
Pecans.....	217	4,226	224	2,793	44,855	4,632	1,229
Black walnuts.....	242	6,582	192	7,936	159,374	2,562	(?)
Franchises.....	4	408	4	617	450	910	(?)
Chestnuts.....	146	1,763	117	2,948	37,133	3,474	(?)
Unclassified.....							161,700
<b>Tropical fruits, total.</b>		<b>8,728,905</b>		<b>2,867,670</b>		<b>18,782,101</b>	
Lemons.....	4,820	941,293	3,629	879,676	2,756,221	2,976,571	874,305
Japanese persimmons.....	169	3,274	142	8,801	12,606	3,344	1,188
Oranges.....	10,373	6,045,805	8,069	2,063,410	7,14,438,180	12,901,503	7,882,193
Pomegranates.....	120	1,771	96	2,745	39,073	968	(?)
Pomeioles (grapefruit).....	932	43,424	744	25,589	1,225,515	143,180	717,851
Figs.....	7,846	209,091	5,012	214,327	22,990,333	290,133	10,620,366
Olives.....	3,074	836,347	2,018	121,639	4,16,132,432	401,277	5,040,227
Dates.....	128	322	30	19,532	4,332	418	(?)
Guavas.....	5	7,631	54	443	65,083	4,618	431,370
Mandarins.....	6	381	2	23	755	607	(?)
Tangerines.....	37	3,637	10	34	7,381	4,188	(?)
Loquats.....	175	3,711	125	1,011	7,316	3,830	(?)
Unclassified.....							317,330

1 Bushels. 2 Included with "unclassified." 3 Consists of products not separately named by the enumerator, but grouped under the designation "all other."

4 Peaches. 5 Includes Oou-shue, Chili nuts, Brazil nuts, Japanese chestnuts, beechnuts, hazelnuts, French nuts, Japanese walnuts, pistachio, butternuts, mayette, hickory nuts, filberts, and other nuts.

6 Includes limes, bananas, and citron.

7 Boxes.

8 Not reported.

The following table shows the quantities of the more advanced products manufactured by farmers from orchard and tropical fruits and grapes. Values were not called for on the schedule.

PRODUCT.	FARMS REPORTING: 1909		QUANTITY PRODUCED.		
	Num-ber.	Per cent of all farms.	Unit.	1909	1899
Cider.....	481	0.5	Gals....	118,456	75,443
Vinegar.....	973	1.1	Gals....	244,683	199,678
Wine and grape juice.....	2,163	2.5	Gals....	16,005,319	5,492,216
Olive oil.....	78	0.1	Gals....	95,953	
Raisins and dried grapes.....	4,551	5.2	Lbs.....	109,210,679	
Other dried fruits.....	8,373	9.5	Lbs.....	189,495,705	117,935,727

**Forest products: 1909 and 1899.**—The census schedules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;" and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 16,017 farms in California (18.2 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$2,949,732, as compared with \$1,724,378 in 1899, an increase

of 71.1 per cent. Of the value in 1909, \$1,048,280 was reported as that of products used or to be used on the farms themselves, \$1,698,978 as that of products sold or for sale, and \$202,474 as the amount received for standing timber. It should be noted that forest products not produced on farms are not included in this report.

**Sugar crops: 1909 and 1899.**—The table below shows data with regard to sugar beets and sorghum cane. The total value of sugar beets produced in 1909 was \$4,321,000, as compared with \$1,550,000 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Num-ber.	Per cent all farms.		Amount.	Unit.	Value.
<b>Sugar beets:</b>						
1909.....	1,113	1.3	78,857	845,191	Tons...	\$4,320,032
1899.....	863	1.2	41,242	356,333	Tons...	1,550,346
<b>Sorghum cane:</b>						
Total 1909.....						14,826
Cane grown.....	48	0.1		3,621	Tons.....	
Straw made.....	8	(?)		4,330	Gals.....	2,349
Total 1899.....						3,788
Cane grown.....	54	6.1	140	1,085	Tons.....	
Cane sold as such.....				6	Tons.....	10
Straw made.....				8,671	Gals.....	3,778

1 Includes beets used as root forage.  
2 Includes cane used as coarse forage.  
3 Less than one-tenth of 1 per cent.

**Miscellaneous crops: 1909.**—Straw and cornstalks derived as by-products from the production of grain and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or

value of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 237 farms in California sold, during 1909, 5,756 tons of straw, for which they received \$23,220, and that 38 farmers sold 534 tons of cornstalks and leaves, for which they received \$10,599.

### SELECTED FARM EXPENSES AND RECEIPTS.

**Farm expenses: 1909 and 1899.**—The next table shows the number of farms reporting expenditures for labor, feed, and fertilizer at the census of 1910, as well as the sums expended in 1909 and 1899.

EXPENSE.	1909			1899	INCREASE.	
	Farms reporting.		Amount.	Amount.	Amount.	Per cent.
	Number.	Per cent of all farms.				
Labor.....	55,887	63.4	\$49,976,199	\$25,845,120	\$24,131,079	93.4
Feed.....	49,372	56.0	12,676,903	( <sup>1</sup> )	.....	.....
Fertilizer....	7,470	8.5	2,143,993	937,050	1,206,943	128.8

<sup>1</sup> Not reported at the census of 1900.

Over three-fifths of the farmers hire labor, the average amount expended by the farmers hiring being \$894. During the decade the total expenditure for labor increased \$24,131,000, or 93.4 per cent.

Over a seventh of the amount reported as expended for labor is in the form of rent and board. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

About one farmer out of every two reports some expenditure for feed, but only about eight out of every

hundred purchase fertilizer. The total amount reported as paid for fertilizer has increased \$1,207,000, or 128.8 per cent, during the decade, the average per farm reporting being \$287.

**Receipts from sale of feedable crops: 1909.**—An effort was made at the census of 1910 to secure as complete a statement as possible of the sales as well as the production of the more important feedable crops (that is, crops ordinarily fed to live stock). The following table summarizes the data reported:

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Per cent of all farms.	Amount.	Unit.	
<b>Total</b> .....					<b>\$21,329,328</b>
Corn.....	1,021	1.2	552,548	Bu.....	294,777
Oats.....	1,287	1.5	2,192,824	Bu.....	1,417,410
Barley.....	4,492	5.1	14,106,453	Bu.....	9,427,290
Hay and coarse forage.....	13,368	15.2	826,123	Tons.....	10,190,101

While the total amount expended by California farmers for the purchase of feed in 1909 was \$12,677,000, the total receipts from the sale of feed by those reporting sales amounted to \$21,330,000.

### COUNTY TABLES.

Tables 1 to 6, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910.

Table 1 shows the population, number of farms, land and farm area, value of farm property, and number and value of domestic animals and of poultry and bees, as of April 15, 1910. Comparative data for June 1, 1900, are given in italics for certain items.

Table 2 gives the number of farms, the farm acreage, and the value of farm property operated by owners, tenants, and managers, collected as of April 15, 1910. Statistics of farm mortgages are included in this table. (See explanation in text.) Comparative data for June 1, 1900, are given in italics for certain items.

Table 3 gives statistics pertaining to the products of live stock on farms (dairy products, poultry and

eggs, honey and wax, and wool and mohair); also the number and value of domestic animals sold or slaughtered on farms for the year 1909.

Table 4 shows the total value of farm crops and the principal classes thereof, together with the acreage (or trees of bearing age) and production of the principal crops for the year 1909.

Table 5 gives statistics relating to selected farm expenses for 1909, and also shows the receipts from the sale of feedable crops.

Table 6 shows the number and value of domestic animals in barns and inclosures not on farms, by classes, together with the number of dairy cows and mature horses and mules, on April 15, 1910.

**Change of boundaries.**—In comparing the data secured in 1910 with those for 1900 the following changes in county boundaries should be considered: A part of

Fresno County was annexed to Kings County in 1909, and Imperial County was organized from a part of San Diego County in 1907.

*Changes in 1900 figures.*—After the volumes of the Twelfth Decennial United States Census (1900) had been printed, a further detailed study and analysis of the data there presented brought to light certain errors in the total farm acreage of three counties. These

counties, with their corrected acreages, are Merced, 1,666,973, not 1,702,967; Orange, 425,277, not 599,436; and Sacramento, 501,488, not 668,426.

*Land in farms in Sutter County.*—Following the instructions to assign all of the acreage of a farm to the county in which the residence of the operator was located, a large acreage belonging to adjoining counties has been tabulated as in Sutter County.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.
1 Population.....	2,377,549	245,131	309	9,086	27,301	9,171
2 Population in 1900.....	1,485,053	130,149	509	11,116	17,117	11,909
3 Number of all farms.....	88,197	2,422	42	537	1,500	532
4 Number of all farms in 1900.....	75,419	2,787	37	600	1,179	575
Color and nativity of farmers:						
5 Native white.....	58,926	806	24	387	1,204	420
6 Foreign-born white.....	26,193	1,491	16	145	274	207
7 Negro and other nonwhite.....	3,078	66	2	5	22	5
8 Number of farms, classified by size:						
9 Under 3 acres.....	1,209	149	.....	2	2	.....
10 3 to 9 acres.....	15,324	385	.....	13	116	25
11 10 to 19 acres.....	11,032	403	.....	19	182	14
12 20 to 49 acres.....	20,614	434	1	41	321	45
13 50 to 99 acres.....	10,659	204	3	52	143	45
14 100 to 174 acres.....	12,015	238	4	145	220	69
15 175 to 259 acres.....	4,689	103	9	84	127	60
16 260 to 499 acres.....	7,402	163	14	105	163	127
17 500 to 999 acres.....	5,119	91	3	58	116	80
18 1,000 acres and over.....	4,063	44	8	38	98	62
<b>LAND AND FARM AREA</b>						
19 Approximate land area..... acres.	99,617,280	468,489	496,640	384,640	1,102,089	657,280
20 Land in farms..... acres.	27,931,444	311,327	32,004	291,730	480,777	271,401
21 Land in farms in 1900..... acres.	28,455,951	338,259	15,681	254,924	477,389	277,489
22 Improved land in farms..... acres.	11,389,894	171,314	1,579	46,960	247,067	50,104
23 Improved land in farms in 1900..... acres.	11,855,837	205,114	4,391	48,839	205,029	61,408
24 Woodland in farms..... acres.	4,541,517	81,484	2,597	114,930	119,126	149,442
25 Other unimproved land in farms..... acres.	11,999,783	82,529	16,828	129,801	124,554	62,555
26 Per cent of land area in farms.....	28.0	66.5	6.4	75.8	44.5	41.3
27 Per cent of farm land improved.....	40.8	57.9	23.7	16.1	50.3	21.8
28 Average acres per farm.....	316.7	128.5	762.0	543.3	327.2	429.4
29 Average improved acres per farm.....	129.1	73.2	180.5	87.5	164.7	93.5
<b>VALUE OF FARM PROPERTY</b>						
30 All farm property..... dollars.	1,614,694,584	36,840,609	811,442	4,820,809	24,086,440	9,373,409
31 All farm property in 1900..... dollars.	786,577,355	24,619,536	324,441	5,318,530	15,655,044	5,335,659
32 Per cent increase, 1900-1910..... %.	106.4	64.4	150.1	45.3	53.0	79.1
33 Land..... dollars.	1,317,195,448	29,837,208	530,968	3,252,855	19,494,863	2,370,303
34 Land in 1900..... dollars.	1,330,444,949	29,721,749	498,100	2,184,150	12,409,559	1,399,510
35 Buildings..... dollars.	133,496,040	4,463,555	88,475	559,925	2,281,132	664,000
36 Buildings in 1900..... dollars.	77,455,959	5,455,259	45,691	495,839	1,454,879	477,100
37 Implements and machinery..... dollars.	36,495,158	817,861	30,495	141,379	532,220	138,805
38 Implements, etc., in 1900..... dollars.	31,511,679	730,040	10,810	157,189	439,330	89,050
39 Domestic animals, poultry and bees..... dollars.	1,127,838,068	2,022,810	101,559	1,868,510	11,868,126	794,201
40 Domestic animals, etc., in 1900..... dollars.	67,305,323	1,602,696	70,131	610,890	1,800,614	458,929
<b>Per cent of value of all property in—</b>						
41 Land.....	81.6	80.2	65.4	67.5	80.6	59.8
42 Buildings.....	8.3	12.1	10.9	12.2	9.5	16.7
43 Implements and machinery.....	2.3	2.2	3.7	2.9	2.2	3.5
44 Domestic animals, poultry, and bees.....	5.9	19.9	17.4	17.4	7.8	20.1
<b>Average values:</b>						
45 All property per farm..... dollars.	18,308	15,211	19,320	8,977	16,058	6,287
46 Land and buildings per farm..... dollars.	15,439	14,738	17,719	14,437	15,605	4,432
47 Land per acre in 1900..... dollars.	47.16	94.88	16.59	11.15	39.54	8.76
48 Land per acre in 1900..... dollars.	21.87	72.19	12.63	10.21	18.40	6.66
<b>DOMESTIC ANIMALS (farms and ranges)</b>						
49 Farms reporting domestic animals.....	80,394	2,197	40	594	1,395	613
50 Value of domestic animals..... dollars.	123,024,652	1,880,244	160,323	823,889	1,817,904	779,690
<b>Cattle:</b>						
51 Total number.....	* 2,077,025	24,319	2,754	22,266	* 26,284	20,977
52 Dairy cows.....	467,332	9,172	759	2,747	4,713	1,824
53 Other cows.....	570,009	5,827	601	7,985	8,359	8,407
54 Yearling heifers.....	218,469	2,608	620	2,175	2,605	2,432
55 Calves.....	297,799	4,113	421	3,444	3,772	3,355
56 Yearling steers and bulls.....	163,728	1,107	400	1,970	2,109	2,057
57 Other steers and bulls.....	321,984	1,441	1,019	1,649	3,945	2,892
58 Value..... dollars.	* 52,785,068	611,907	58,619	506,389	* 673,968	422,395
<b>Horses:</b>						
59 Total number.....	* 468,886	10,444	426	2,685	7,655	3,648
60 Mature horses.....	402,584	9,268	370	2,291	6,608	3,143
61 Yearling colts.....	41,927	842	38	218	645	302
62 Spring colts.....	24,364	617	12	176	417	208
63 Value..... dollars.	* 47,059,196	1,101,631	36,325	233,128	685,441	264,717
<b>Mules:</b>						
64 Total number.....	69,761	227	18	299	1,961	63
65 Mature mules.....	61,997	228	18	212	1,719	25
66 Yearling colts.....	4,913	4	.....	16	151	13
67 Spring colts.....	2,831	.....	.....	.....	91	28
68 Value..... dollars.	9,016,444	28,545	1,420	27,590	225,465	3,920
<b>Asses and burros:</b>						
69 Total number.....	2,592	3	14	23	18	27
70 Value..... dollars.	347,315	48	200	458	2,655	1,850
<b>Pigs:</b>						
71 Total number.....	766,561	6,410	517	5,296	14,333	4,174
72 Mature hogs.....	482,810	3,649	309	3,623	9,317	2,588
73 Spring pigs.....	283,751	2,760	208	1,673	5,016	1,586
74 Value..... dollars.	5,100,803	55,333	2,515	32,647	83,927	24,368
<b>Sheep:</b>						
75 Total number.....	2,417,427	9,187	16,640	6,645	45,077	15,360
76 Rams, ewes, and wethers.....	1,028,288	5,680	9,832	3,919	29,347	10,145
77 Spring lambs.....	892,189	3,507	6,808	2,726	19,930	5,215
78 Value..... dollars.	8,346,997	32,539	61,309	29,023	138,952	54,509
<b>Goats:</b>						
79 Total number.....	138,413	64	10	1,597	3,215	3,548
80 Value..... dollars.	329,829	324	44	3,673	8,356	7,931
<b>POULTRY AND BEES</b>						
81 Number of poultry of all kinds.....	6,067,307	240,914	2,159	23,630	74,982	23,242
82 Value..... dollars.	3,844,536	139,289	1,139	12,389	45,750	13,519
83 Number of colonies of bees.....	201,023	610	49	170	1,384	362
84 Value..... dollars.	729,738	2,112	132	831	4,071	992

1 Change of boundary. (See explanation at close of text.)

2 Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

## STATISTICS OF AGRICULTURE.

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BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in Italics.]

	Colusa.	Contra Costa.	Del Norte.	Eldorado.	Fresno.	Glenn.	Humboldt.*	Imperial <sup>2</sup>	Inyo.	Kern.	Kings. <sup>1</sup>	Lake.
1	7,792	31,674	2,417	7,492	75,657	7,122	33,857	13,591	6,974	37,715	16,220	5,528
2	7,964	18,046	2,468	8,886	57,862	5,156	27,104	(1)	4,877	16,180	16,671	6,017
3	667	1,465	114	716	6,245	663	1,534	1,322	438	1,167	1,837	603
4	582	1,311	151	739	5,290	629	1,600	(1)	424	1,568	832	723
5	547	712	62	551	3,968	502	856	1,077	313	818	1,312	478
6	112	715	46	160	2,043	160	614	143	98	298	475	122
7	8	35	6	15	244	1	64	102	27	51	50	3
8	1	18				6	10	51	2	11	7	1
9	31	118	2	20	267	49	75	46	28	46	69	10
10	35	127	6	21	398	33	107	56	34	57	150	28
11	85	221	13	60	3,240	160	280	182	55	173	343	85
12	42	125	9	88	951	65	215	227	75	170	677	80
13	90	230	31	212	639	79	334	400	113	222	287	144
14	30	147	11	100	142	31	118	98	41	55	177	60
15	129	236	23	122	1,012	101	101	201	54	116	133	84
16	124	140	10	52	119	89	84	31	22	82	42	53
17	104	170	9	55	111	119	119	10	20	55	43	48
18	729,600	456,960	655,360	1,121,920	3,808,000	805,760	2,325,760	2,616,960	6,412,160	5,121,020	741,790	817,920
19	522,376	406,433	35,947	210,838	1,106,616	491,138	642,536	223,620	110,142	1,409,350	373,523	211,464
20	456,076	309,663	35,116	4,846,758	877,863	645,611	611,611	141,659	1,871,176	587,805	214,776	1,768
21	236,520	107,852	12,459	41,682	396,489	105,248	105,248	176,069	315,287	186,567	42,768	6,000
22	385,827	892,617	9,787	45,487	798,337	855,781	77,438	(1)	23,729	521,071	269,148	41,414
23	38,252	28,753	13,745	137,445	391,934	67,665	174,534	138	69,833	235,014	6,724	71,388
24	147,615	115,215	12,834	32,142	423,217	113,768	362,934	406,395	1,693,813	823,648	170,630	605,308
25	71.6	88.9	5.5	18.8	29.1	61.0	27.6	8.5	1.7	1.4	50.4	26.6
26	64.4	64.5	34.6	19.8	53.3	63.1	16.4	78.7	35.1	22.5	52.6	19.7
27	783.2	271.4	315.3	294.5	177.2	418.9	418.9	169.1	1,202.5	203.5	300.6	300.6
28	504.5	178.9	109.1	58.2	94.5	467.2	68.6	133.2	88.4	270.3	107.0	70.9
29	10,602,208	31,812,192	1,770,222	3,775,358	92,583,008	16,581,410	21,280,881	23,640,067	7,112,903	30,405,013	33,312,292	6,371,615
30	15,065,483	18,874,587	1,021,070	2,650,874	73,489,479	16,299,390	15,621,789	(1)	2,871,629	14,226,125	6,921,967	6,585,090
31	56.2	68.5	75.4	65.7	61.0	61.0	61.0	176.6	113.4			79.4
32	16,066,015	26,586,110	1,338,300	2,343,931	75,136,654	13,425,220	16,378,023	19,832,660	5,210,586	23,902,202	26,007,591	4,732,480
33	10,855,559	15,659,119	637,830	1,645,649	34,301,650	5,273,830	9,284,859	10,844,520	10,401,610	8,430,410	2,219,830	1,857
34	1,204,780	2,493,375	171,380	749,745	6,861,289	1,110,215	2,054,525	764,665	658,730	1,233,139	2,145,975	782,735
35	858,429	1,676,790	121,430	668,120	5,005,140	719,810	1,485,880	(1)	377,009	861,730	817,930	634,180
36	419,657	680,330	48,253	162,185	3,225,735	300,333	459,635	189,810	616,630	650,671	307,211	207,211
37	477,650	601,500	55,150	116,389	1,668,500	289,689	311,050	(1)	68,639	217,610	538,539	111,420
38	1,911,836	2,082,137	192,277	519,497	7,359,499	1,655,651	2,354,044	2,889,207	1,183,767	4,576,641	4,303,755	488,189
39	916,088	1,449,837	176,849	366,954	5,941,512	806,340	2,123,053	(1)	474,289	2,825,985	1,341,247	480,110
40	82.0	83.6	76.7	62.1	81.2	81.0	77.1	83.8	73.3	78.8	78.1	72.4
41	7.1	7.8	9.7	19.9	6.7	6.7	9.7	1.9	3.2	6.4	6.4	16.5
42	2.1	2.1	2.7	4.3	3.5	2.4	2.1	3.2	2.7	2.0	2.0	3.3
43	9.8	6.5	10.9	13.8	7.9	10.0	11.1	10.9	16.2	15.1	13.5	7.8
44	29,389	21,715	15,528	5,273	14,825	25,010	13,840	17,887	16,240	26,054	18,134	10,401
45	25,883	19,820	13,418	4,211	13,130	21,924	12,016	15,580	13,172	21,666	15,326	9,240
46	38,776	65.41	37.78	65.41	67.31	22.33	25.49	38.10	47.68	47.61	22.94	22.94
47	19.79	58.89	10.77	7.59	26.62	14.68	14.69	(1)	11.29	6.62	8.83	11.96
48	628	1,387	110	660	5,874	618	1,494	1,249	402	1,133	1,749	569
49	1,874,068	1,935,334	189,579	565,751	7,205,046	1,623,596	2,316,670	2,510,214	1,104,481	4,509,038	4,426,411	471,428
50	18,750	26,529	6,887	13,048	127,625	16,214	53,775	*22,741	20,308	118,320	74,975	7,414
51	3,128	9,469	3,573	2,533	22,241	3,688	9,653	2,267	6,917	16,863	11,857	1,857
52	6,740	6,567	620	4,338	42,001	4,601	7,572	2,728	8,070	35,101	21,655	2,113
53	2,180	3,240	849	1,638	13,117	1,410	5,531	2,560	2,583	8,441	7,281	821
54	2,698	4,479	1,203	2,154	12,662	2,409	8,334	2,772	2,235	7,372	7,372	1,133
55	1,556	1,123	273	1,138	15,354	1,925	3,413	1,379	2,445	6,459	5,745	474
56	1,651	1,651	234	918	22,220	2,051	6,493	1,817	1,788	24,271	14,908	1,289
57	426,618	647,877	137,380	294,988	3,295,420	*956,965	*1,363,500	*865,001	428,853	*3,051,987	2,481,281	148,781
58	4,732	11,233	441	2,544	25,009	3,946	6,403	7,229	5,032	10,347	11,433	2,172
59	3,962	9,494	383	2,733	3,688	3,319	6,848	4,074	6,277	11,573	11,573	2,482
60	481	1,045	45	180	1,899	339	421	580	555	987	1,174	216
61	259	644	14	106	1,047	262	430	372	403	530	882	140
62	428,700	1,130,119	37,365	202,610	2,983,216	*357,207	591,639	798,317	452,277	*1,013,562	1,256,415	210,882
63	5,291	651	3	112	3,979	3,862	189	1,672	337	1,248	1,069	263
64	6,607	364	3	30	3,688	3,033	1,938	2,469	249	1,659	249	182
65	437	63		9	283	207		69	55	103	142	45
66	247	24		1	188	122		20	83	46	76	45
67	629,348	78,810	478	10,139	634,660	407,327	13,940	233,106	31,960	146,095	148,490	22,015
68	65	65		17	101	29	11	56	309	130	22	10
69	15,271	4,266		2,988	3,569	17,625	3,569	8,585	15,548	10,077	2,730	
70	28,064	6,941	1,770	2,401	33,150	18,310	12,633	70,562	3,355	20,513	40,623	8,638
71	17,646	9,851	1,153	20,134	20,134	7,088	6,784	6,784	1,798	13,372	16,301	8,301
72	10,418	3,054	617	973	13,016	5,827	4,945	24,798	1,560	7,137	17,888	2,737
73	16,174	44,330	8,451	16,502	280,325	106,475	58,457	503,194	21,631	107,439	295,301	39,239
74	94,592	19,995	1,841	3,162	147,011	111,363	87,973	23,339	43,346	30,317	62,374	10,947
75	39,801	14,133	1,541	4,737	70,210	62,423	13,746	13,746	17,240	19,888	36,855	4,436
76	24,791	5,403	1,509	1,509	41,153	24,630	6,553	20,630	10,516	21,911	33,333	17,088
77	202,703	78,877	5,063	11,580	555,057	363,893	278,763	108,504	156,319	114,137	233,005	27,167
78	2,154	17	465	3,315	4,588	2,813	3,747	148	2,840	930	507	0,018
79	7,271	76	1,245	7,136	8,485	5,978	12,477	403	6,596	3,306	1,902	21,114
80	61,113	114,674	3,911	24,308	215,106	50,336	54,834	72,217	30,132	75,900	102,747	27,435
81	37,715	62,722	2,475	11,594	116,894	30,715	30,657	50,517	20,599	61,458	117,088	17,088
82	1,406	698	78	864	9,242	450	1,903	4,780	5,868	4,501	4,690	276
83	4,378	2,110	377	1,079	34,859	1,340	5,331	24,876	23,696	16,168	17,630	675

\* Includes Belgian hares, valued at \$967.

\* Includes Belgian hares, valued at \$6.

\* Includes animals, age or sex not specified.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	Lesser.	Los Angeles.	Madera.	Marin.	Mariposa.	Mendocino. <sup>1</sup>	Merced.	Modoc.
1 Population.....	4,802	504,131	8,368	25,114	3,956	23,929	15,148	6,701
2 Population in 1900.....	4,611	170,698	6,364	16,768	4,770	20,466	9,215	5,076
3 Number of all farms.....	502	7,919	573	498	330	1,356	1,856	736
4 Number of all farms in 1900.....	446	6,477	465	468	331	1,448	1,896	658
5 Color and nativity of farmers:								
6 Native white.....	412	5,682	419	138	233	966	1,054	609
7 Foreign-born white.....	37	131	113	133	63	363	370	180
8 Negro and other nonwhite.....	13	624	23	23	14	27	22	17
9 Number of farms, classified by size:								
10 Under 3 acres.....	438			6			1	5
11 3 to 9 acres.....	9	2,125	13	35	1	42	86	18
12 10 to 19 acres.....	4	1,830	21	54	4	61	213	29
13 20 to 49 acres.....	12	1,709	36	30	3	166	694	61
14 50 to 99 acres.....	32	698	23	30	21	151	295	44
15 100 to 174 acres.....	117	531	151	35	67	374	165	229
16 175 to 299 acres.....	51	192	27	47	15	131	46	68
17 300 to 499 acres.....	130	207	66	72	101	193	89	171
18 500 to 999 acres.....	84	114	59	111	51	124	100	92
19 1,000 acres and over.....	63	85	137	79	36	154	107	75
<b>LAND AND FARM AREA</b>								
18 Approximate land area..... acres.	2,899,840	2,602,880	1,351,680	338,560	936,320	2,309,920	1,276,800	2,446,720
19 Land in farms..... acres.	295,728	767,938	62,940	282,462	296,050	1,162,167	1,162,167	410,154
20 Land in farms in 1900..... acres.	581,169	895,673	484,669	319,371	160,156	745,871	*1,705,967	538,765
21 Improved land in farms..... acres.	122,657	418,998	301,086	93,115	37,017	82,578	607,742	164,794
22 Improved land in farms in 1900..... acres.	153,259	418,744	277,741	67,438	14,058	74,008	615,376	171,690
23 Woodland in farms..... acres.	27,688	18,051	41,612	49,978	85,150	247,768	49,818	75,668
24 Other unimproved land in farms..... acres.	145,983	320,936	187,965	120,349	83,892	390,969	504,607	169,862
25 Per cent of land area in farms.....	10.2	29.1	45.9	77.8	22.0	32.6	91.0	16.8
26 Per cent of farm land improved.....	41.3	55.3	63.0	33.3	18.0	11.4	52.3	40.2
27 Average acres per farm.....	589	325	1,083.2	529.0	624.4	332.0	636.2	577.2
28 Average improved acres per farm.....	243.1	32.9	682.5	187.0	112.2	60.9	327.4	225.9
<b>VALUE OF FARM PROPERTY</b>								
29 All farm property..... dollars.	9,376,809	199,908,290	14,984,395	12,426,138	2,829,235	14,659,467	49,820,913	11,376,263
30 All farm property in 1900..... dollars.	5,305,618	74,817,601	5,619,384	10,895,611	1,232,512	5,857,616	27,856,830	5,363,427
31 Per cent increase, 1900-1910.....	74.8	167.3	153.4	14.1	113.0	70	78	203
32 Land..... dollars.	6,331,822	180,354,798	12,323,638	9,384,625	1,817,100	10,774,438	40,047,234	7,377,805
33 Land in 1900..... dollars.	2,949,410	64,789,290	4,588,770	8,380,450	755,090	6,840,280	18,449,650	2,855,980
34 Buildings..... dollars.	765,460	11,708,273	711,595	1,136,830	276,180	1,816,135	2,338,887	1,091,180
35 Buildings in 1900..... dollars.	708,080	6,730,710	455,800	914,600	207,640	1,087,000	1,687,000	617,000
36 Implements and machinery..... dollars.	289,287	2,462,387	441,455	343,482	79,463	755,069	804,625	365,500
37 Implements, etc., in 1900..... dollars.	255,259	2,455,450	311,100	307,110	69,860	616,650	801,380	374,800
38 Domestic animals, poultry, and bees..... dollars.	1,964,520	*4,464,742	1,897,207	1,541,820	656,360	1,638,948	6,330,291	2,625,648
39 Domestic animals, etc., in 1900..... dollars.	1,450,873	3,452,698	680,974	1,414,881	508,461	1,446,648	2,701,689	1,813,367
40 Per cent of value of all property in—								
41 Land.....	67.5	90.2	81.8	75.3	64.2	73.5	80.9	64.9
42 Buildings.....	8.2	5.9	5.1	9.1	6.8	12.4	4.7	8.8
43 Implements and machinery.....	3.1	1.2	2.9	2.8	2.8	2.6	1.6	3.2
44 Domestic animals, poultry, and bees.....	21.2	1.5	10.1	12.2	11.6	12.8	23.1	23.1
45 Average values:								
46 All property per farm..... dollars.	18,479	25,355	26,154	24,952	8,573	10,811	26,882	15,487
47 Land and buildings per farm..... dollars.	14,138	24,203	22,749	21,168	6,435	7,858	22,883	12,967
48 Land per acre..... dollars.	21.41	237.94	96.76	35.32	8.82	14.94	34.46	17.99
49 Land per acre in 1900..... dollars.	7.74	71.67	37.47	25.84	4.70	7.86	16.83	9.46
<b>DOMESTIC ANIMALS (farms and ranges)</b>								
48 Farms reporting domestic animals.....	489	6,544	849	478	316	1,308	1,733	704
49 Value of domestic animals..... dollars.	1,979,199	4,734,457	1,408,568	1,436,975	647,733	1,657,805	6,266,477	2,612,918
50 Cattle:								
51 Total number.....	43,822	43,095	*27,905	*30,266	*16,671	30,154	*150,467	46,916
52 Dairy cows.....	2,800	20,324	1,592	2,403	905	6,454	19,678	2,903
53 Other cows.....	18,444	8,027	12,406	3,564	7,477	9,280	43,250	18,502
54 Yearling heifers.....	1,985	10,624	680	425	1,622	14,838	9,443	5,987
55 Calves.....	4,906	6,211	2,975	1,605	6,509	2,185	14,625	4,698
56 Yearling steers and heifers.....	5,456	1,646	2,252	567	1,683	2,503	11,036	5,517
57 Other steers and heifers.....	4,961	3,946	1,946	641	3,846	4,883	34,767	4,449
58 Value..... dollars.	871,941	1,473,599	*582,792	*1,046,404	*370,321	597,588	*4,343,845	1,005,026
59 Horses:								
60 Total number.....	9,515	22,424	4,070	2,240	5,994	12,558	*16,636	11,132
61 Mature horses.....	7,548	20,375	3,408	2,338	1,896	5,800	10,308	12,247
62 Yearling colts.....	1,406	1,376	334	186	116	218	1,010	1,459
63 Spring colts.....	961	678	238	126	54	126	705	2,212
64 Value..... dollars.	702,420	2,479,207	386,856	248,075	182,986	541,665	1,063,537	*1,145,568
65 Mules:								
66 Total number.....	702	2,570	3,141	11	296	809	4,075	1,132
67 Mature mules.....	414	2,459	2,928	11	201	298	3,673	565
68 Yearling colts.....	103	154	76	.....	46	10	198	144
69 Spring colts.....	103	35	39	.....	49	1	294	89
70 Value..... dollars.	60,681	390,200	454,066	880	30,565	27,421	482,299	93,005
71 Asses and burros:								
72 Number.....	119	54	49	.....	83	29	107	98
73 Value..... dollars.	20,220	3,806	9,301	.....	10,183	1,240	17,432	26,611
74 Swine:								
75 Total number.....	5,084	28,942	6,833	16,099	8,882	22,069	29,535	8,488
76 Mature hogs.....	3,679	18,418	4,444	8,812	6,140	14,600	19,414	5,328
77 Spring pigs.....	1,985	10,624	2,469	7,287	2,742	7,469	10,121	3,160
78 Value..... dollars.	30,513	230,390	36,151	126,569	46,704	102,615	185,474	53,896
79 Sheep:								
80 Total number.....	72,725	31,091	10,106	2,955	1,181	129,770	39,768	76,562
81 Rans, ewes, and wethers.....	42,490	22,261	6,269	1,830	877	88,760	28,044	46,078
82 Spring lambs.....	30,236	8,830	3,837	1,625	304	41,010	11,724	30,484
83 Value..... dollars.	291,692	156,636	53,143	14,291	4,469	377,121	170,708	386,827
84 Goats:								
85 Number.....	8,236	8,236	278	147	601	3,927	5,246	549
86 Value..... dollars.	1,832	20,839	717	556	2,365	10,215	21,272	2,331
<b>POULTRY AND BEES</b>								
80 Number of poultry of all kinds.....	19,297	513,995	23,246	203,277	12,617	56,807	83,998	23,789
81 Value..... dollars.	9,937	647,968	15,026	104,278	8,228	34,655	51,943	11,466
82 Number of colonies.....	285	28,330	29	275	441	34,072	3,929	379
83 Value..... dollars.	1,074	99,762	1,115	618	1,511	1,374	11,957	3,064

<sup>1</sup> Agricultural data for Indians on reservations in 1900 shown separately in last column of table.<sup>2</sup> Change of boundary. (See explanation at close of text.)

# STATISTICS OF AGRICULTURE.

BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Mono.	Monterey.	Napa.	Novada.	Orange.	Placer.	Plumas.	Riverside.	Sacramento.	San Benito.	San Bernardino.	San Diego.*	San Francisco.
1		2,042 <i>2,167</i>	24,146 <i>19,580</i>	19,800 <i>16,481</i>	14,955 <i>7,549</i>	34,436 <i>19,696</i>	18,237 <i>16,786</i>	34,696 <i>4,637</i>	67,806 <i>45,915</i>	8,041 <i>6,653</i>	56,706 <i>37,229</i>	61,665 <i>35,690</i>	416,912 <i>327,787</i>
3		91 <i>112</i>	1,658 <i>1,890</i>	1,537 <i>1,359</i>	574 <i>622</i>	3,165 <i>2,358</i>	1,062 <i>1,076</i>	221 <i>267</i>	2,688 <i>2,540</i>	1,651 <i>1,395</i>	921 <i>2,350</i>	2,949 <i>5,698</i>	2,298 <i>1,539</i>
5		44	933	1,006	349	2,362	619	155	2,044	885	616	2,657	1,791
6		42	676	537	184	718	263	63	617	485	289	586	118
7		5	49	4	11	85	180	3	127	231	16	17	121
8			11	14	7	28	2	.....	42	12	7	7	69
9		3	69	136	61	531	52	6	462	167	87	56	226
10		1	71	23	36	902	109	5	596	237	83	918	345
11		1	182	355	267	1,943	299	9	614	321	118	703	414
12		4	155	226	69	331	206	12	262	170	93	278	269
13		27	263	223	88	175	174	45	262	223	107	209	337
14		12	127	92	84	167	69	19	176	56	70	166	76
15		16	282	184	88	86	75	37	156	173	144	75	246
16		10	225	84	41	52	50	46	144	111	109	35	156
17		17	243	72	28	37	36	42	81	91	117	18	129
18	1,839,290	2,131,200	591,150	625,300	508,800	892,800	1,660,160	4,633,600	629,120	890,880	12,900,480	2,701,440	27,520
19	115,672	1,147,416	360,190	176,598	371,692	248,080	134,230	520,806	473,044	544,301	328,396	834,426	2,091
20	186,067	1,087,032	319,327	180,743	439,459	420,571	184,149	427,067	698,459	618,719	719,132	859,719	8,819
21	371,522	371,522	107,114	24,562	189,463	288,668	54,281	276,151	376,628	186,379	136,929	3,237,383	1,862
22	55,453	373,036	111,989	24,838	236,817	161,063	67,531	156,053	387,169	168,658	66,829	259,771	5,829
23	8,303	140,377	193,578	48,449	4,476	52,194	27,238	30,231	20,964	82,466	23,137	71,020	259
24	63,987	635,630	105,388	102,677	177,753	117,753	117,753	52,749	212,424	308,262	48,834	528,361	170
25	6.0	53.8	72.0	28.1	73.7	27.8	8.1	11.2	75.2	61.1	1.5	30.9	7.3
26	37.5	32.4	28.7	14.0	31.0	32.0	4.6	4.2	58.3	34.3	85.0	28.9	74.7
27	1,271.1	692.0	234.6	322.4	117.4	233.6	607.5	193.8	298.5	691.0	70.7	703.1	10.8
28	476.7	224.1	05.8	45.1	59.9	92.9	245.6	103.5	172.2	302.6	46.3	101.8	9.9
29	2,347,797	35,021,939	18,682,006	3,622,685	64,357,832	10,234,101	3,302,955	46,708,705	36,094,692	14,963,867	68,499,313	31,124,814	2,630,428
30	1,175,743	19,409,742	12,327,469	1,917,640	22,327,689	6,517,761	2,253,876	21,644,011	19,388,626	9,117,058	22,656,072	18,526,677	2,427,583
31	99.7	80.4	46.9	55.2	188.0	56.3	50.1	113.5	80.9	64.1	177.8	8.2	9.2
32	1,587,813	27,885,000	13,086,656	1,817,417	55,932,755	7,747,744	2,201,654	39,363,652	30,425,404	11,272,156	60,681,348	23,934,732	2,097,111
33	619,010	16,638,700	8,285,780	1,116,960	16,635,610	8,839,730	1,111,639	18,488,110	15,189,870	7,087,160	21,000,570	14,175,590	1,856,090
34	154,700	2,125,728	3,305,470	664,400	4,660,705	1,399,840	52,156	3,205,416	1,386,356	5,288,336	2,386,320	3,237,383	326,769
35	87,580	1,353,700	2,181,690	447,660	3,177,040	868,620	387,010	1,969,830	2,169,630	826,520	673,150	1,170,190	258,100
36	45,345	811,886	500,921	132,857	1,148,222	320,083	123,300	1,112,189	786,383	391,058	1,077,851	851,591	68,270
37	89,310	562,469	557,880	108,660	459,630	229,760	126,290	676,590	477,590	335,390	585,390	371,890	71,890
38	509,095	4,146,316	1,128,930	408,011	2,396,060	706,434	505,845	2,041,265	2,277,479	1,063,798	1,501,046	3,001,109	138,258
39	548,988	1,820,912	371,696	180,050	1,179,416	487,551	544,096	756,791	1,448,326	835,428	637,052	1,608,117	263,663
40	67.6	79.6	72.4	60.1	86.9	75.7	65.5	85.2	82.9	75.3	88.6	76.9	79.7
41	6.0	18.6	18.6	22.0	7.2	13.7	15.8	7.9	8.7	8.9	7.0	10.4	12.4
42	1.9	2.8	4.4	1.3	3.1	3.7	2.6	3.7	2.2	2.1	1.6	2.7	2.4
43	23.9	11.8	6.2	13.5	4.0	7.5	15.0	4.5	6.2	13.1	2.2	9.6	5.3
44	25,800	21,123	11,764	5,556	20,334	9,637	15,217	17,189	22,920	16,247	33,228	13,544	16,754
45	19,148	18,133	10,794	4,562	19,154	8,614	12,370	16,008	21,006	13,691	22,353	11,868	15,439
46	13.73	24.30	30.21	10.38	15.51	31.23	16.40	75.58	64.32	20.71	291.18	28.68	1,002.92
47	2.79	14.33	27.85	9.43	39.98	10.89	6.87	45.89	23.72	18.70	66.83	17.66	255.70
48	85	1,582	1,395	507	2,862	994	907	2,182	1,494	863	2,278	2,170	106
49	556,310	4,069,857	1,065,340	393,204	2,453,878	737,464	499,089	1,937,237	2,187,810	1,909,386	1,406,523	2,790,287	111,230
50	5,301	88,889	115,866	8,606	18,220	67,510	11,401	19,468	31,188	49,703	12,761	58,777	2,510
51	450	14,066	6,270	2,395	6,184	2,421	3,437	5,225	11,979	4,828	3,043	16,633	1,945
52	2,270	27,626	9,943	2,930	4,473	2,283	1,654	4,449	5,484	11,064	4,389	15,815	10
53	803	11,046	832	1,224	3,029	1,301	1,029	2,403	3,108	4,459	1,075	7,874	581
54	688	13,806	2,518	1,069	2,231	1,294	1,188	2,203	5,568	5,864	926	8,088	174
55	685	7,502	857	1,465	1,168	428	1,468	1,333	1,529	4,151	481	6,490	75
56	427	13,133	737	863	2,049	632	1,961	2,867	2,849	8,867	9,877	6,877	26
57	107,941	2,079,939	305,721	174,067	506,811	182,527	270,651	484,082	838,431	639,660	335,713	1,386,802	77,015
58	2,097	17,444	5,910	2,074	10,665	4,193	2,044	10,315	9,969	8,475	6,878	11,498	310
59	1,656	14,278	5,145	1,830	9,580	3,762	1,770	8,999	8,770	6,921	6,330	9,663	318
60	310	1,959	1,403	124	2,759	294	226	403	403	773	372	1,139	10
61	132	1,262	2,187	1,069	2,231	1,377	68	403	426	599	167	705	1
62	175,884	1,676,690	540,055	161,139	1,338,440	398,692	200,499	1,157,337	1,022,335	843,985	899,831	1,262,938	32,480
63	136	642	372	68	2,268	498	43	1,429	743	96	778	706	.....
64	73	546	345	57	2,223	439	41	1,903	705	74	757	683	.....
65	16	68	38	11	38	13	33	30	33	30	18	3	.....
66	17	30	9	3	25	3	25	3	43	10	3	23	.....
67	11,335	85,560	37,970	5,495	396,360	58,460	4,435	205,099	87,020	11,145	139,476	95,570	.....
68	62	26	10	10	25	66	5	88	19	29	88	181	.....
69	1,630	5,256	1,315	265	1,195	1,529	1,660	9,060	6,245	945	1,789	11,036	.....
70	423	20,031	8,344	2,816	4,448	3,387	1,409	6,150	10,455	8,132	3,749	7,391	281
71	179	12,567	5,160	1,067	2,265	1,822	665	3,892	6,421	5,572	2,592	4,261	181
72	244	7,464	1,814	759	2,183	744	363	744	2,628	4,056	2,940	1,159	100
73	2,796	119,455	10,330	12,602	32,059	23,785	8,922	44,770	73,278	57,253	29,173	59,842	1,665
74	63,046	28,874	10,873	11,162	43,678	24,468	1,150	7,009	46,957	15,146	7	289	3
75	40,805	17,029	5,194	6,833	31,802	15,142	845	5,859	25,828	10,635	7	230	3
76	23,341	11,845	3,309	4,176	11,676	9,526	434	1,159	3,159	4,511	619	1,159	100
77	259,477	89,491	37,076	34,960	176,893	68,716	4,980	30,167	160,223	55,269	35	1,310	20
78	25	3,683	566										

TABLE 1.—FARMS AND FARM PROPERTY.

[Comparative data for June 1, 1900, in italics.]

	San Joaquin.	San Luis Obispo	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.
1 Population	50,731	19,383	26,585	27,738	63,539	26,140	18,929	4,098
2 Population in 1900.	55,453	16,637	15,094	18,954	69,816	21,612	17,318	4,017
3 Number of all farms	3,286	1,714	665	1,355	4,731	1,466	1,019	110
4 Number of all farms in 1900.	1,966	1,813	661	1,149	5,666	1,274	1,221	141
Color and nativity of farmers:								
5 Native white.	2,179	929	258	874	2,725	851	825	77
6 Foreign-born white.	977	767	390	448	1,860	588	151	32
7 Negro and other nonwhite.	130	18	17	33	146	27	34	1
8 Number of farms, classified by size:								
9 Under 3 acres.	9	9	46	17	68	18	6	1
10 3 to 9 acres.	904	63	81	130	773	228	16	6
11 10 to 19 acres.	531	80	85	140	1,186	198	29	1
12 20 to 49 acres.	797	179	112	212	1,317	384	103	4
13 50 to 99 acres.	397	187	61	164	562	263	111	5
14 100 to 174 acres.	395	267	90	185	376	188	300	25
15 175 to 239 acres.	204	104	63	81	130	105	16	4
16 240 to 499 acres.	311	304	67	378	147	52	190	19
17 500 to 999 acres.	123	288	60	93	75	25	93	18
18 1,000 acres and over.	144	214	41	171	86	22	66	25
<b>LAND AND FARM AREA</b>								
19 Approximate land area.	926,720	2,133,760	286,080	1,753,600	849,920	278,400	2,469,120	590,120
20 Land in farms.	763,048	1,588,660	160,655	1,120,475	734,819	157,308	388,218	84,220
21 Land in farms in 1900.	701,058	1,034,480	149,344	922,617	710,656	169,458	247,120	74,609
22 Improved land in farms.	611,776	1,000,900	100,849	815,350	615,350	127,410	165,870	57,094
23 Improved land in farms in 1900.	668,263	418,556	75,429	862,980	690,285	65,819	86,520	26,687
24 Woodland in farms.	35,387	174,891	27,334	276,071	138,835	44,157	101,113	18,168
25 Other unimproved land in farms.	115,899	941	32,321	628,852	343,444	100,940	141,638	35,328
26 Per cent of land area in farms.	82.3	74.5	56.2	63.9	86.5	56.5	15.8	14.3
27 Per cent of farm land improved.	80.2	20.6	62.7	19.2	32.3	45.5	24.7	26.6
28 Average acres per farm.	232.2	926.9	241.6	826.9	155.3	107.3	385.4	76.2
29 Average improved acres per farm.	156.2	190.7	153.6	130.1	50.1	45.0	95.3	27.9
<b>VALUE OF FARM PROPERTY</b>								
29 All farm property.	\$7,286,628	\$2,426,353	\$9,570,585	\$3,454,076	\$7,187,540	\$1,653,136	\$7,847,929	\$1,679,799
30 All farm property in 1900.	\$5,178,424	\$4,635,737	\$9,854,856	\$8,271,683	\$9,724,703	\$1,445,160	\$4,480,423	\$948,385
31 Per cent increase, 1900-1910.	115.5	121.6	101.6	186.3	32.5	54.3	77.5	69.8
32 Land.	55,909,884	24,745,375	17,448,280	35,536,963	62,882,603	14,103,715	5,403,079	902,275
33 Land in 1900.	26,769,690	11,135,189	8,801,149	11,439,440	48,470,340	9,094,410	2,880,620	564,890
34 Buildings.	6,675,695	2,136,447	2,006,705	3,004,679	9,125,440	2,299,830	851,750	202,225
35 Buildings in 1900.	2,257,190	1,272,829	1,335,590	1,575,800	6,382,710	1,462,080	638,600	179,770
36 Implements and machinery.	1,741,033	742,498	398,327	804,264	1,942,339	401,107	198,531	65,624
37 Implements, etc., in 1900.	607,661	672,849	175,309	675,360	1,000,000	181,000	108,450	37,000
38 Domestic animals, poultry, and bees.	3,960,026	4,802,033	1,017,273	4,178,540	5,236,967	788,424	1,703,589	303,755
39 Domestic animals, etc., in 1900.	\$2,244,824	1,749,917	645,728	1,681,395	1,834,093	449,790	757,835	115,166
40 Per cent of value of all property in:								
41 Land.	83.1	75.3	83.6	81.7	78.7	79.9	68.8	58.3
42 Buildings.	8.4	6.6	9.6	6.9	13.6	13.0	10.9	15.9
43 Implements and machinery.	2.6	2.6	1.9	1.8	2.9	2.6	2.7	4.0
44 Domestic animals, poultry, and bees.	5.9	14.8	4.9	9.6	4.8	4.5	16.6	21.8
45 Average values:								
46 All property per farm.	\$9,477.69	\$18,919.31	\$31,384.32	\$32,136.16	\$14,202.12	\$12,042.72	\$7,770.15	\$15,007.70
47 Land and buildings per farm.	\$18,742.42	\$15,684.64	\$29,256.28	\$28,748.73	\$17,107.17	\$11,188.66	\$11,333.14	\$11,344.34
48 Land per acre.	\$73.27	\$5.58	\$108.61	\$31.45	\$13.97	\$8.66	\$18.38	\$11.43
49 Land per acre in 1900.	\$41.51	\$9.72	\$49.69	\$29.49	\$9.46	\$6.68	\$16.69	\$7.27
<b>DOMESTIC ANIMALS (farms and ranges)</b>								
48 Farms reporting domestic animals.	2,908	1,654	627	1,283	3,963	1,340	962	104
49 Value of domestic animals.	\$3,850,155	4,733,160	990,208	4,119,104	3,105,833	739,727	1,282,743	357,497
50 Cattle:								
51 Total number.	31,296	*118,704	15,288	*87,576	*46,030	10,100	34,119	7,787
52 Dairy cows.	11,904	24,103	8,119	11,690	12,181	4,210	2,923	1,563
53 Other cows.	6,661	208,938	2,305	205,732	1,811	1,811	165,453	2,268
54 Yearling heifers.	3,636	10,345	1,848	6,891	4,459	1,113	3,678	850
55 Calves.	4,960	15,635	2,375	11,524	5,443	1,779	3,308	874
56 Yearling steers and bulls.	1,937	8,948	369	3,153	1,660	438	3,197	461
57 Other steers and bulls.	1,998	33,180	242	24,578	7,552	749	5,580	1,401
58 Value.	\$74,834	*\$2,789,415	463,646	*2,225,007	*1,218,037	209,660	677,694	199,166
59 Horses:								
60 Total number.	20,972	15,274	4,235	13,034	15,816	4,290	5,217	1,394
61 Mature horses.	18,256	12,631	3,949	10,721	14,405	3,914	4,516	1,199
62 Yearling colts.	1,597	1,686	242	1,426	896	423	1,000	200
63 Spring colts.	1,089	1,087	102	971	512	116	213	40
64 Value.	\$2,247,876	1,451,086	425,972	1,398,385	1,763,731	435,787	396,414	136,605
65 Mules:								
66 Total number.	3,530	877	12	443	274	88	294	20
67 Mature mules.	3,169	754	10	362	267	84	224	30
68 Yearling colts.	217	83	2	56	7	4	57	.....
69 Spring colts.	144	40	.....	.....	.....	.....	.....	.....
70 Value.	482,560	108,795	915	53,749	29,026	5,150	23,225	1,450
71 Asses and burros:								
72 Number.	62	3	2	24	11	6	23	4
73 Value.	16,760	2,098	60	4,630	150	128	638	325
74 Swine:								
75 Total number.	23,454	17,808	12,682	22,073	7,349	3,674	15,800	664
76 Mature sows.	14,807	11,750	8,092	14,165	4,165	2,163	12,832	500
77 Spring pigs.	9,981	6,118	3,990	6,960	3,184	1,509	5,968	294
78 Value.	143,626	110,830	89,612	162,635	61,121	27,421	96,329	4,198
79 Sheep:								
80 Total number.	24,810	86,513	1,329	80,233	10,655	1,679	17,023	3,098
81 Rams, ewes, and wethers.	14,867	54,717	767	49,606	870	4,570	11,449	3,005
82 Spring lambs.	10,012	31,636	562	30,528	5,696	703	62,574	83
83 Value.	83,771	256,156	5,140	275,259	22,553	5,454	44,945	15,979
84 Goats:								
85 Total number.	260	7,390	154	558	163	1,043	18,403	73
86 Value.	728	14,783	869	1,698	665	3,230	41,601	184
<b>POULTRY AND BEES</b>								
87 Number of poultry of all kinds.	175,456	119,822	47,425	89,995	299,063	85,705	35,873	4,458
88 Value.	\$1,710	\$3,605	\$15	\$22,299	\$1,465	\$2,462	\$2,990	\$2,000
89 Number of colonies of bees.	3,014	3,936	289	4,072	2,842	1,063	689	49
90 Value.	8,161	15,268	953	12,621	8,619	2,643	1,620	128

\* Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

\* See explanation at close of text.

# STATISTICS OF AGRICULTURE.

BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in Italics.]

	Saskiyou.	Solano.	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare.	Tuolumne.	Ventura.	Yolo.	Yuba.	Indian res.
1	18,501	27,559	38,394	22,322	6,328	11,401	3,301	35,440	9,979	18,347	13,926	10,642	
2	16,562	26,143	35,430	19,459	4,896	16,996	4,587	37,474	11,666	14,867	16,618	8,629	
3	1,114	1,143	4,772	2,687	873	1,006	308	4,021	350	1,263	1,255	436	
4	391	1,141	3,676	1,945	728	1,045	272	4,127	412	1,489	1,474	438	287
5	832	620	2,737	1,879	996	796	235	3,253	241	965	884	338	
6	449	218	2,012	1,319	154	188	165	707	143	507	535	91	
7	44	74	23	17	23	19	16	61	2	21	66	7	
8	1	6	4	13	3	4	6	9	1	1	13	4	
9	21	45	916	153	27	34	9	171	4	8	53	13	
10	36	60	850	101	101	110	9	390	15	120	115	20	
11	88	190	1,040	1,436	142	198	24	1,247	28	199	263	33	
12	98	170	522	1,049	191	102	23	647	10	214	186	34	
13	388	167	508	192	123	151	148	507	105	207	170	82	
14	84	89	233	83	82	51	21	108	25	142	83	30	
15	109	156	299	101	101	110	9	390	15	120	115	20	
16	124	144	202	142	78	86	15	107	43	90	107	64	
17	175	108	122	175	74	139	10	201	40	66	85	67	
18	4,003,840	326,080	1,000,280	928,000	389,130	1,831,320	2,026,240	3,107,840	1,401,600	1,201,920	648,960	498,960	
19	453,370	474,856	744,644	699,292	1,383,690	918,072	918,072	1,043,512	193,072	359,190	493,383	299,106	
20	452,859	480,551	783,074	689,692	1,383,287	859,768	76,058	1,039,727	304,748	552,359	552,095	312,521	17,154
21	159,187	310,432	246,271	512,189	190,510	186,542	13,300	507,024	46,747	213,968	317,208	94,239	
22	151,039	314,053	249,754	492,709	189,627	182,619	14,143	476,899	46,671	212,119	317,173	104,915	8,244
23	82,544	44,334	278,507	18,756	13,956	206,234	31,882	161,300	62,215	56,961	77,576	70,173	
24	187,185	119,860	217,860	118,447	171,996	322,331	46,128	376,847	94,450	250,270	183,539	84,083	
25	11.4	90.3	7.8	70.8	9.1	4.4	4.5	33.6	13.8	45.8	71.4	4.0	
26	80.8	65.4	33.3	28.7	51.8	29.4	4	48.5	18.9	38.0	68.5	37.8	
27	493.2	415.5	156.0	291.9	441.5	900.8	296.5	500.2	435.5	369.2	571.3	394.3	
28	167.1	271.6	52.0	190.6	228.5	185.5	43.2	126.1	94.3	165.4	232.8	216.2	
29	14,270,302	28,727,633	55,301,049	43,787,887	19,115,593	16,821,178	1,591,469	70,539,462	2,942,322	48,202,645	31,708,090	6,666,211	
30	7,761,769	19,780,454	35,071,707	17,021,950	9,132,731	16,039,194	1,020,819	29,827,801	1,211,748	21,435,751	19,959,734	4,705,513	409,361
31	85.2	67.4	67.4	107.1	123.0	119.4	62.9	274.3	125.3	59.7	41.7	41.7	
32	16,332,833	23,025,661	41,512,706	35,324,343	14,809,242	12,932,446	900,855	64,455,554	1,779,470	41,825,120	25,684,710	4,911,611	
33	6,084,110	16,992,310	28,826,750	16,771,859	6,976,330	11,720,189	80,160	15,888,600	1,254,809	18,649,890	16,906,890	3,375,160	218,280
34	1,411,810	2,278,540	8,798,737	3,320,475	2,032,355	1,234,375	274,250	4,195,432	431,955	2,365,140	2,709,277	688,655	
35	1,065,590	1,993,970	4,430,835	1,837,303	1,067,800	2,691,850	171,510	3,571,850	337,850	1,491,590	1,950,590	637,150	78,860
36	439,745	707,136	1,326,832	830,079	458,209	494,932	69,119	1,805,419	114,830	1,112,812	795,162	171,735	26,420
37	841,630	619,339	871,157	687,850	215,739	440,020	51,120	715,160	102,070	428,270	610,430	161,650	86,420
38	2,064,312	2,650,920	3,716,325	4,320,755	1,753,250	1,153,250	2,155,625	3,467,525	6,082,525	2,938,525	2,538,525	684,325	78,860
39	1,279,749	1,321,854	2,821,189	1,881,990	806,891	1,778,104	253,629	1,778,104	349,965	910,677	1,637,121	339,683	
40	72.5	80.2	75.0	80.7	77.8	76.9	56.6	84.2	60.5	86.7	80.8	73.7	
41	9.9	7.9	16.8	7.6	10.6	7.3	17.2	5.4	4.9	8.8	10.3	8.3	
42	2.9	2.7	1.9	2.4	2.9	2.4	4.3	2.9	3.3	2.5	2.5	2.0	
43	14.6	9.2	6.8	9.9	9.2	12.8	21.8	9.9	23.8	7.9	6.1	7.9	
44	12.810	25.134	11.599	15.296	21.896	16.721	6.167	10.035	7.623	37.326	25.337	15.289	
45	18.561	22.138	10.523	19.360	14.902	11.713	14.823	6.793	11.377	22.086	17.317	12.896	
46	22.71	48.40	55.75	54.40	38.38	14.13	9.87	61.67	9.22	76.92	55.43	19.72	
47	11.83	58.17	38.81	16.47	23.79	18.33	7.97	18.00	6.27	55.83	28.81	10.81	12.78
48	1,034	1,067	4,339	2,553	821	949	267	3,600	372	1,597	1,178	422	
49	2,053,544	2,616,747	2,926,910	4,240,401	1,709,131	2,119,800	342,095	5,903,238	585,932	2,830,259	2,468,128	875,229	
50	445,079	21,784	448,727	49,132	16,604	25,309	11,855	410,484	118,659	29,929	18,977	13,594	
51	7,018	9,270	24,961	29,573	6,728	3,462	8,944	26,765	1,773	2,666	7,197	2,753	
52	14,781	4,257	5,835	9,047	10,691	6,734	1,813	29,478	8,415	5,487	3,701	4,773	
53	5,965	1,933	4,804	5,294	1,039	2,640	1,438	11,614	2,040	2,580	1,628	1,954	
54	4,919	3,720	9,517	6,623	3,529	2,590	1,305	10,262	2,377	4,242	2,949	1,827	
55	5,339	1,187	1,805	2,922	1,012	2,590	1,438	8,794	1,531	2,095	1,194	1,182	
56	9,513	1,498	1,765	3,755	1,039	2,590	1,438	8,794	1,531	2,095	1,194	1,182	
57	11,010,922	605,302	1,166,971	1,178,693	465,202	512,747	211,234	62,713,596	3,377,666	4,701,498	553,417	276,046	
58	8,815	8,050	18,728	7,815	5,684	5,676	1,306	622,200	2,491	111,480	8,315	3,244	
59	7,609	6,993	12,611	11,818	4,969	5,676	1,150	18,917	2,053	9,965	5,127	2,883	
60	1,037	695	753	1,130	587	525	117	2,003	242	1,005	1,124	203	
61	36	133	83	108	78	85	619	296	389	389	374	189	
62	834,467	884,500	1,355,510	1,155,290	573,051	464,472	90,724	62,334,909	165,930	11,497,792	907,887	278,764	
63	593	2,310	398	5,442	2,096	1,675	168	8,655	91	2,362	3,955	800	
64	390	2,157	388	5,032	1,922	1,499	142	3,149	76	2,250	3,501	730	
65	76	84	8	236	107	163	19	288	7	26	48	48	
66	37	8	103	103	67	103	8	103	8	189	8	28	
67	44,929	295,866	49,925	703,507	272,402	171,979	9,985	494,410	7,655	407,950	555,410	78,900	
68	22	23	28	31	20	23	8	103	26	60	46	31	
69	4,610	2,800	620	7,835	6,670	7,880	670	20,534	1,355	10,310	10,480	3,515	
70	9,512	13,568	18,423	23,027	15,129	14,940	4,051	38,192	3,893	10,498	24,197	5,539	
71	6,196	8,836	10,995	13,610	9,121	10,915	2,994	23,942	2,580	6,984	15,453	3,281	
72	3,316	4,732	7,428	9,417	6,088	4,025	1,457	14,229	1,040	3,414	8,714	2,251	
73	58,476	80,829	126,448	158,491	105,527	75,941	19,284	301,227	23,320	87,633	152,155	32,101	
74	29,922	170,135	65,315	23,252	89,665	297,736	2,332	21,184	2,465	31,771	70,446	67,662	
75	18,013	40,921	44,095	15,874	51,133	185,023	3,743	14,014	1,795	16,113	49,897	40,544	
76	11,979	73,232	21,220	7,378	38,539	112,713	1,081	7,170	671	15,658	29,639	27,318	
77	99,982	737,457	224,274	86,065	284,023	850,456	10,486	79,930	8,638	119,783	254,627	204,869	
78	384	392	2,991	217	511	28,473	845	2,979	1,009	621	716	502	
79	1,079	1,218	7,962	375	2,031	36,323	1,619	8,532	3,868	1,273	1,502	904	
80	43,413	74,683	1,362,390	128,905	68,861	59,852	7,712	191,965	15,989	69,921	76,972	27,866	
81	22,258	39,384	821,299	74,116	39,600	37,989	4,729	102,332	9,114	34,216	43,326	18,931	
82	2,717	256	824	2,554	2,055	786	68	9,508	303	23,714	2,442	149	
83	8,700	793	2,615	8,423	7,266	1,606	417	39,627	1,061	68,118	70,472	410	

\* Includes Belgian hares, valued at \$200.

\* Includes Belgian hares, valued at \$21.

\* Includes Belgian hares, valued at \$21.

\* Includes animals, age or sex not specified.

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY TENURE; COLOR

[Comparative data for June 1, 1900, in Italics.]

	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.
<b>FARMS OPERATED BY OWNERS</b>						
1 Number of farms.....	66,632	1,690	32	437	1,230	556
2 Number of farms in 1900.....	67,649	1,738	34	474	1,291	497
3 Per cent of all farms.....	75.5	69.8	76.2	81.4	82.0	88.0
4 Per cent of all farms in 1900.....	72.4	64.3	71.9	83.0	76.4	85.6
5 Land in farms.....acres.....	15,125,329	174,391	25,556	192,535	297,289	243,855
6 Improved land in farms.....acres.....	6,464,472	97,254	5,979	35,574	150,467	122,373
7 Value of land and buildings.....dollars.....	882,447,830	21,310,610	467,443	2,630,140	13,636,125	2,742,243
8 Degree of ownership:						
9 Farms consisting of owned land only.....	56,500	1,447	30	376	1,127	465
10 Farms consisting of owned and hired land.....	10,132	243	2	61	158	91
11 Color and nativity of owners:						
12 Native white.....	45,750	532	17	311	986	365
13 Foreign-born white.....	19,914	1,086	13	123	238	189
14 Negro and other nonwhite.....	938	12	2	3	6	2
<b>FARMS OPERATED BY TENANTS</b>						
15 Number of farms.....	18,148	846	8	89	217	69
16 Number of farms in 1900.....	16,760	836	7	73	290	74
17 Per cent of all farms.....	26.1	26.2	19.0	16.6	14.5	10.9
18 Per cent of all farms in 1900.....	33.1	32.1	2.7	15.0	18.7	12.9
19 Land in farms.....acres.....	6,201,133	98,155	3,488	18,401	78,959	22,522
20 Improved land in farms.....acres.....	3,196,797	67,146	1,453	5,770	54,335	6,335
21 Value of land and buildings.....dollars.....	338,609,243	9,445,363	135,000	42,660	2,769,070	200,960
22 Form of tenancy:						
23 Share tenants.....	6,125	183	.....	9	89	11
24 Share-cash tenants.....	794	22	.....	.....	3	3
25 Cash tenants.....	9,737	336	7	73	86	26
26 Tenure not specified.....	1,972	55	1	4	29	29
27 Color and nativity of tenants:						
28 Native white.....	10,505	217	5	66	171	50
29 Foreign-born white.....	5,963	373	3	21	33	16
30 Negro and other nonwhite.....	2,073	33	.....	2	16	3
<b>FARMS OPERATED BY MANAGERS</b>						
31 Number of farms.....	3,417	86	2	11	53	7
32 Number of farms in 1900.....	3,253	89	2	17	58	7
33 Land in farms.....acres.....	6,664,272	38,221	2,960	8,627	114,559	5,049
34 Improved land in farms.....acres.....	1,728,625	12,914	145	5,023	43,245	486
35 Value of land and buildings.....dollars.....	229,544,415	3,246,790	17,000	770,020	5,280,200	38,000
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>						
36 For all farms operated by owners:						
37 Number free from mortgage debt.....	39,368	1,204	22	364	745	456
38 Number with mortgage debt.....	26,749	467	10	72	470	95
39 Number with no mortgage report.....	515	19	.....	1	15	5
40 For farms consisting of owned land only:						
41 Number reporting debt and amount.....	21,430	374	8	62	385	71
42 Value of their land and buildings.....dollars.....	250,199,130	3,691,870	87,050	347,628	3,325,191	357,205
43 Amount of mortgage debt.....dollars.....	60,638,590	852,877	30,800	86,515	807,233	85,080
44 Per cent of value of land and buildings.....	24.0	26.0	35.4	24.9	24.3	26.6

<sup>1</sup> Change of boundary. (See explanation at close of text.)<sup>2</sup> Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

<b>LIVE STOCK PRODUCTS</b>							
<b>Dairy Products</b>							
1 Dairy cows on farms reporting dairy products.....	number.....	498,812	8,649	747	2,450	3,374	1,634
2 Dairy cows on farms reporting milk produced.....	number.....	315,385	8,448	662	2,213	3,110	1,626
3 Milk—Produced.....	gallons.....	154,901,866	4,618,380	354,767	743,667	1,070,818	314,701
4 8094.....	gallons.....	45,333,432	2,245,633	609	42,520	124,068	36,215
5 Cream sold.....	gallons.....	3,397,061	61,325	7,317	1,455	15,582	12,810
6 Butter fat sold.....	pounds.....	19,176,719	86,292	57,348	130,888	76,755	1,600
7 Butter—Produced.....	pounds.....	15,301,871	252,603	28,613	68,812	124,437	51,841
8 Sold.....	pounds.....	10,285,383	108,356	24,885	25,098	56,902	26,902
9 Cheese—Produced.....	pounds.....	2,777,873	675	900	32,517	.....	2,757
10 Sold.....	pounds.....	2,543,815	500	300	29,351	.....	62
11 Value of dairy products, excluding home use of milk and cream.....dollars.....		20,443,977	580,130	30,970	76,996	95,501	36,840
12 Receipts from sale of dairy products.....dollars.....		19,063,297	544,118	29,962	64,338	77,302	25,299
<b>Poultry Products</b>							
13 Poultry—Raised.....	number.....	7,096,339	230,417	2,547	23,628	94,183	31,410
14 Sold.....	number.....	3,678,208	121,340	585	8,408	45,669	11,161
15 Eggs—Produced.....	dozens.....	35,907,973	1,361,738	8,904	142,824	377,998	107,387
16 Sold.....	dozens.....	26,867,687	1,085,018	3,374	82,967	218,682	34,813
17 Value of poultry and eggs produced.....dollars.....		12,708,948	471,769	3,618	49,621	158,052	49,802
18 Receipts from sale of poultry and eggs.....dollars.....		8,736,282	340,122	1,386	27,272	96,068	24,185
<b>Honey and Wax</b>							
19 Honey produced.....	pounds.....	10,254,715	9,848	220	2,402	9,702	8,413
20 Wax produced.....	pounds.....	126,445	1,179	.....	100	170	118
21 Value of honey and wax produced.....dollars.....		665,367	1,321	23	326	924	632
<b>Wool, Mohair, and Goat Hair</b>							
22 Wool, fleeces shorn.....	number.....	2,275,389	5,783	6,790	7,253	38,261	15,677
23 Mohair and goat hair, fleeces shorn.....number.....		102,134	.....	.....	449	1,749	517
24 Value of wool and mohair produced.....dollars.....		2,205,928	4,380	9,561	5,882	33,991	11,351
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>							
25 Calves—Sold or slaughtered.....	number.....	128,005	4,447	217	1,424	1,470	487
26 Other cattle—Sold or slaughtered.....	number.....	568,239	5,523	1,100	6,918	17,209	9,808
27 Horses, mules, and asses and burros—Sold.....number.....		38,671	580	14	152	723	394
28 Swine—Sold or slaughtered.....	number.....	569,948	3,980	63	2,980	4,462	3,248
29 Sheep and goats—Sold or slaughtered.....	number.....	873,627	3,729	3,157	1,182	16,295	4,739
30 Receipts from sale of animals.....dollars.....		31,130,113	314,415	55,611	254,523	701,900	262,882
31 Value of animals slaughtered.....dollars.....		3,497,007	30,791	6,752	25,289	41,832	49,405

# STATISTICS OF AGRICULTURE.

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## AND NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in Italic.

	Colusa.	Contra Costa.	Del Norte.	Eldorado.	Fresno. <sup>1</sup>	Glenn.	Humboldt. <sup>2</sup>	Imperial. <sup>3</sup>	Inyo.	Kern.	Kings. <sup>4</sup>	Lake.
1	449	890	79	642	5,227	512	991	( <sup>5</sup> ) 824	361	846	1,391	484
2	372	807	<i>92</i>	<i>672</i>	<i>4,769</i>	<i>376</i>	<i>1,066</i>	<i>62,3</i>	<i>322</i>	<i>886</i>	<i>75</i>	<i>654</i>
3	67.3	60.8	89.3	89.7	83.7	77.2	64.6	83.4	82	73.5	75.7	80.2
4	65.9	47.4	70.8	88.6	73.2	68.1	67.1	( <sup>5</sup> )	83.0	75.2	70.2	79.9
5	316,673	166,989	22,322	188,104	555,934	307,592	338,543	136,926	68,256	372,204	202,731	149,872
6	210,216	111,723	5,186	37,669	303,655	180,993	61,670	100,155	27,831	83,639	116,492	31,125
7	11,385,988	12,588,440	907,580	2,714,800	53,637,075	9,264,020	8,607,988	11,936,626	3,666,276	8,730,560	17,093,101	8,730,560
8	305	727	69	692	4,749	418	965	699	347	756	1,170	407
9	145	163	10	40	473	34	120	125	14	90	221	77
10	361	436	50	490	3,333	367	585	654	284	622	1,027	371
11	86	42	26	141	1,709	125	348	90	83	216	339	111
12	2	14	3	11	11	.....	58	50	24	8	15	2
13	201	502	30	68	730	135	497	( <sup>5</sup> ) 421	73	263	390	107
14	<i>592</i>	<i>682</i>	<i>39</i>	<i>81</i>	<i>784</i>	<i>159</i>	<i>452</i>	<i>63</i>	<i>63</i>	<i>233</i>	<i>251</i>	<i>125</i>
15	30.1	34.3	26.3	9.5	11.8	20.4	32.4	31.8	16.7	22.5	21.2	17.7
16	45.3	35.4	49.3	19.37	23.8	23.74	29.2	12.9	22.7	25.1	25.1	18.4
17	181,108	187,018	11,855	19,194	128,754	130,245	180,251	65,145	21,138	78,949	101,893	48,652
18	103,427	121,150	3,721	4,066	96,420	102,960	43,142	57,748	8,622	39,658	50,306	10,308
19	4,761,985	12,856,910	549,600	297,100	10,814,905	3,559,575	8,125,522	6,292,430	1,136,050	2,895,137	6,840,216	1,005,710
20	92	153	1	9	409	81	15	145	18	52	185	17
21	21	17	.....	1	1	3	13	22	6	7	7	3
22	54	319	17	40	254	44	430	242	33	137	188	82
23	34	19	12	18	73	7	33	12	16	67	10	5
24	109	222	9	56	439	101	242	325	55	151	232	95
25	26	254	18	8	117	33	231	45	15	72	133	11
26	6	20	3	4	183	1	4	51	3	49	35	1
27	17	73	5	6	279	16	46	( <sup>5</sup> ) 77	4	38	56	12
28	7	<i>62</i>	<i>9</i>	<i>6</i>	<i>57</i>	<i>10</i>	<i>15</i>	<i>6</i>	<i>1</i>	<i>84</i>	<i>44</i>	<i>12</i>
29	24,985	51,226	1,770	3,283	421,908	44,369	128,742	21,531	10,700	952,197	69,199	15,940
30	22,566	29,279	522	527	196,130	25,812	10,436	15,561	2,205	192,690	25,741	1,335
31	924,345	3,634,185	72,600	81,631	17,566,772	1,391,840	1,609,917	2,368,870	677,000	13,325,344	3,621,250	693,490
32	261	642	99	492	2,072	291	687	584	254	530	742	349
33	198	243	30	145	3,128	220	230	230	106	311	511	747
34	2	4	1	5	27	1	11	4	1	5	6	12
35	123	184	16	127	2,734	170	220	194	96	256	587	107
36	1,443,045	2,122,140	137,300	567,100	24,983,327	1,703,390	2,436,615	2,867,600	1,184,200	2,764,630	5,888,329	847,400
37	444,355	674,965	44,900	161,873	6,388,563	493,568	611,134	697,384	227,142	731,974	1,541,900	213,200
38	30.8	27.1	32.7	28.5	36.6	23.7	35.1	24.3	19.2	27.5	28.2	28.2

\* No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

## SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

1	2,324	8,986	3,337	2,630	19,988	2,514	19,763	7,361	1,875	5,280	17,376	1,232
2	2,469	8,378	546	2,283	11,637	2,301	12,914	4,622	1,372	4,355	16,664	1,181
3	994,878	4,668,302	302,431	739,710	5,908,174	829,791	8,608,984	2,103,546	568,899	1,892,902	8,078,271	556,190
4	67,710	2,096,936	668,662	71,907	1,672,521	135,154	2,518,278	85,940	21,633	786,061	296,498	132,681
5	11,246	33,708	49,862	91,860	28,744	28,744	199,561	41,980	12,429	4,739	98,917	6,000
6	170,073	283,786	.....	75	1,532,215	25,153	2,711,304	771,311	24,209	300,872	1,329,366	.....
7	75,829	226,676	461,303	176,354	514,946	86,762	475,773	71,581	116,364	73,839	78,295	92,723
8	30,762	125,685	452,709	120,388	159,126	31,836	387,468	21,738	86,970	26,635	12,840	39,407
9	272	9,790	.....	1,734	41,210	.....	.....	1,400	5,426	30,651	133,000	50
10	9,450	.....	.....	1,990	39,485	.....	.....	1,000	3,926	29,531	138,000	200
11	96,483	513,585	183,136	74,999	850,240	73,207	1,351,577	313,743	69,308	245,601	834,251	37,429
12	84,222	486,884	178,797	39,691	767,528	60,676	1,326,968	298,721	60,201	231,623	815,033	24,439
13	73,034	154,332	3,357	28,499	266,221	67,529	67,310	84,062	50,007	89,530	153,839	37,976
14	31,414	66,142	801	12,367	96,286	33,250	35,404	25,404	22,681	38,962	77,470	16,759
15	249,229	664,931	83,767	132,910	1,262,849	362,286	332,113	264,826	146,952	394,140	687,632	158,001
16	138,164	694,360	5,007	74,257	658,249	149,128	179,660	146,355	107,335	240,366	487,306	71,415
17	92,466	247,618	4,651	45,411	419,265	110,010	115,116	135,526	67,836	148,062	246,485	56,381
18	55,608	166,678	.....	24,447	203,011	71,111	60,753	79,967	42,286	84,581	167,841	32,822
19	67,689	15,900	1,395	8,105	616,699	10,982	23,481	514,123	312,320	204,920	338,791	5,103
20	708	284	.....	75	7,201	259	677	4,453	2,131	2,832	3,148	43
21	6,790	1,382	112	696	33,566	1,194	2,692	27,128	29,944	12,159	12,028	455
22	73,221	14,715	1,238	3,868	107,892	131,612	85,212	12,755	17,847	24,177	73,393	10,372
23	4,099	.....	.....	1,900	5,177	260	5,549	365	355	505	6,463	6,463
24	56,620	.....	2,070	3,304	109,882	101,749	104,430	17,067	27,761	26,540	58,836	12,922
25	1,876	4,675	374	912	7,400	1,129	8,899	1,649	187	4,244	6,463	585
26	7,415	6,835	727	4,727	22,442	6,599	11,855	10,305	6,090	23,062	9,348	2,990
27	368	279	.....	1,949	89	548	89	548	574	924	1,156	674
28	17,865	5,820	1,191	1,948	24,140	9,320	10,748	55,063	2,394	9,545	36,751	6,114
29	32,698	11,240	439	1,221	42,286	31,967	12,904	5,682	18,408	21,736	21,095	3,396
30	538,903	326,530	23,664	130,201	1,324,168	413,709	487,384	1,701,217	297,654	1,015,548	932,227	140,122
31	54,361	48,791	6,111	33,265	89,060	68,528	62,917	9,661	44,574	62,346	46,144	20,863

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY TENURE; COLOR AND RACE.  
[Comparative data for June 1, 1900, in Italics.]

	Lassen.	Los Angeles.	Madera.	Marin.	Mariposa.	Mendocino. <sup>1</sup>	Merced.	Modoc.
<b>FARMS OPERATED BY OWNERS</b>								
1 Number of farms.....	414	5,599	419	196	292	1,069	1,405	594
2 Number of farms in 1900.....	402	4,855	357	162	335	1,173	668	608
3 Per cent of all farms.....	82.5	70.7	73.1	30.4	88.5	78.8	75.7	80.7
4 Per cent of all farms in 1900.....	81.6	73.4	68.3	35.7	87.5	76.9	72.6	78.7
5 Land in farms..... acres.....	230,413	332,454	218,015	45,102	182,152	437,350	432,040	299,576
6 Improved land in farms..... acres.....	62,428	206,046	134,749	24,102	33,238	53,402	303,964	113,727
7 Value of land and buildings..... dollars.....	5,624,292	108,368,447	5,129,838	2,764,575	1,749,442	7,909,212	17,199,960	6,650,775
<b>Degree of ownership:</b>								
8 Farms consisting of owned land only.....	374	4,805	351	183	266	955	1,128	518
9 Farms consisting of owned and hired land.....	40	794	68	13	26	114	277	76
<b>Color and nativity of owners:</b>								
10 Native white.....	334	4,332	301	71	218	758	795	505
11 Foreign-born white.....	67	1,256	104	125	61	287	597	72
12 Negro and other nonwhite.....	13	31	14	.....	13	24	13	17
<b>FARMS OPERATED BY TENANTS</b>								
13 Number of farms.....	71	1,908	131	291	34	240	393	115
14 Number of farms in 1900.....	72	1,560	122	58	40	17	306	116
15 Per cent of all farms.....	14.1	24.9	22.4	14.5	11.7	17.7	21.2	16.0
16 Per cent of all farms in 1900.....	13.0	20.7	28.3	6.7	11.0	16.5	20.6	18.2
17 Land in farms..... acres.....	33,029	213,450	201,055	207,001	17,905	125,455	212,285	50,366
18 Improved land in farms..... acres.....	16,134	101,281	154,434	61,462	3,569	20,814	134,422	24,304
19 Value of land and buildings..... dollars.....	780,800	56,841,817	4,807,655	6,912,780	131,838	2,475,562	7,981,287	1,339,640
<b>Form of tenancy:</b>								
20 Share tenants.....	26	413	101	7	5	33	199	67
21 Share-cash tenants.....	43	43	1	.....	.....	3	11	1
22 Cash tenants.....	36	1,297	17	274	24	174	156	43
23 Tenure not specified.....	9	195	12	9	5	30	27	4
<b>Color and nativity of tenants:</b>								
24 Native white.....	64	1,059	101	61	31	170	218	110
25 Foreign-born white.....	7	318	21	230	2	67	170	5
26 Negro and other nonwhite.....	.....	50	.....	.....	.....	3	5	.....
<b>FARMS OPERATED BY MANAGERS</b>								
27 Number of farms.....	17	352	23	11	4	47	58	27
28 Number of farms in 1900.....	50	509	18	15	.....	59	25	80
29 Land in farms..... acres.....	32,290	212,801	291,593	11,339	6,002	158,530	517,125	65,162
30 Improved land in farms..... acres.....	13,495	51,671	71,903	7,151	270	8,362	169,356	26,153
31 Value of land and buildings..... dollars.....	692,200	27,945,807	2,927,720	864,100	212,000	2,205,500	17,604,655	992,850
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>								
<b>For all farms operated by owners:</b>								
32 Number free from mortgage debt.....	290	3,176	294	118	242	796	613	432
33 Number with mortgage debt.....	122	2,321	114	73	39	266	782	159
34 Number with no mortgage report.....	2	102	11	5	11	7	10	3
<b>For farms consisting of owned land only:</b>								
35 Number reporting debt and amount.....	108	1,889	77	65	35	235	584	176
36 Value of their land and buildings..... dollars.....	1,464,400	31,540,510	1,182,365	654,175	250,720	1,832,841	6,570,345	1,780,230
37 Amount of mortgage debt..... dollars.....	272,163	6,465,025	130,817	239,074	32,373	853,647	1,469,143	336,623
38 Per cent of value of land and buildings.....	18.6	20.5	16.1	39.0	20.8	24.8	21.4	19.9

<sup>1</sup> Agricultural data for Indians on reservations in 1900 shown separately in last column of table.<sup>2</sup> Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

<b>LIVE STOCK PRODUCTS</b>								
<b>Dairy Products</b>								
1 Dairy cows on farms reporting dairy products..... number.....	2,701	16,155	1,233	24,534	637	5,547	17,185	2,641
2 Dairy cows on farms reporting milk produced..... number.....	1,447	14,929	619	17,889	630	5,014	12,080	2,291
3 Milk—Produced..... gallons.....	531,888	8,447,162	186,821	8,575,850	84,728	2,030,479	6,700,019	808,809
4 Cream..... gallons.....	81,590	7,029,161	183,712	3,076,945	1,130	739,557	144,831	18,624
5 Cream sold..... gallons.....	1,820	13,404	8,829	17,919	1,600	4,468	84,374	2,038
6 Butter fat sold..... pounds.....	1,480	9,942	1,480	9,942	.....	.....	2,710,496	26,043
7 Butter—Produced..... pounds.....	279,685	323,374	48,459	2,269,217	122	355,048	94,602	153,175
8 Butter sold..... pounds.....	208,835	135,263	22,637	2,240,638	2,712	222,894	19,276	55,288
9 Cheese—Produced..... pounds.....	160	1,643	.....	101,743	.....	1,357	200,840	3,680
10 Cheese sold..... pounds.....	.....	600	.....	100,938	.....	383	198,750	3,330
11 Value of dairy products, excluding home use of milk and cream..... dollars.....	85,532	1,415,144	46,284	1,285,606	6,590	189,528	1,100,740	51,371
12 Receipts from sale of dairy products..... dollars.....	67,698	1,362,257	39,624	1,280,315	5,751	156,117	970,316	26,450
<b>Poultry Products</b>								
13 Poultry—Raised..... number.....	28,907	586,566	28,137	141,629	19,583	64,935	136,305	38,112
14 Sold..... number.....	11,982	382,775	9,967	74,114	8,495	28,745	44,589	12,888
15 Eggs—Produced..... dozens.....	106,897	2,352,397	67,982	1,465,911	49,728	337,781	454,115	134,771
16 Sold..... dozens.....	57,455	1,726,283	19,766	1,363,049	29,556	160,231	306,358	37,067
17 Value of poultry and eggs produced..... dollars.....	41,289	951,299	29,336	422,837	28,844	121,577	184,810	48,337
18 Receipts from sale of poultry and eggs..... dollars.....	16,678	699,807	11,283	365,217	16,617	67,870	109,884	17,333
<b>Honey and Wax</b>								
19 Honey produced..... pounds.....	5,642	1,289,520	16,439	205	300	6,090	204,098	19,796
20 Wax produced..... pounds.....	5	15,601	378	52	23	84	3,150	232
21 Value of honey and wax produced..... dollars.....	643	63,569	1,052	49	51	667	10,963	2,055
<b>Wool, Mohair, and Goat Hair</b>								
22 Wool, fleeces and shorn..... number.....	36,768	31,754	4,905	2,823	355	149,260	46,908	39,538
23 Mohair and goat hair, fleeces shorn..... number.....	2,908	230	60	.....	154	2,312	8,400	1,356
24 Value of wool and mohair produced..... dollars.....	55,154	32,366	2,774	2,816	376	185,978	39,400	55,383
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>								
25 Calves—Sold or slaughtered..... number.....	968	7,736	744	17,201	148	1,687	8,181	2,548
26 Other cattle—Sold or slaughtered..... number.....	17,081	7,198	4,081	1,663	4,799	8,577	32,880	27,068
27 Horses, mules, asses and burros—Sold..... number.....	919	1,302	91	325	81	325	81	325
28 Swine—Sold or slaughtered..... number.....	4,504	22,157	3,797	8,634	5,405	13,073	28,662	6,943
29 Sheep and goats—Sold or slaughtered..... number.....	23,853	5,015	442	307	542	19,023	34,424	33,168
30 Receipts from sale of animals..... dollars.....	746,769	710,569	224,774	196,947	166,767	346,864	1,669,927	1,184,669
31 Value of animals slaughtered..... dollars.....	68,782	63,561	12,739	32,917	17,659	103,675	43,405	66,016

# STATISTICS OF AGRICULTURE.

## NATIVE OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in Italics.]

	Monro.	Monterey.	Napa.	Nevada.	Orange.	Placer.	Plumas.	Riverside.	Sacra-mento.	San Benito.	San Bernardino.	San Diego. <sup>1</sup>	San Francisco.
1	75	1,063	1,166	476	2,631	748	183	2,291	1,011	653	2,362	1,845	82
2	96	1,189	859	535	1,871	807	250	1,747	691	569	1,837	1,562	161
3	82.4	64.1	75.9	87.5	83.0	70.4	82.5	63.1	60.1	70.9	85.9	80.2	52.2
4	87.6	84.8	87.5	85.5	78.4	75.0	82.5	74.7	68.9	75.7	78.4	82.7	53.0
5	49,072	591,663	204,788	147,936	135,784	192,450	101,601	299,691	222,725	346,502	121,896	569,826	992
6	16,430	189,291	55,665	21,412	94,565	67,121	40,925	199,401	132,258	129,914	85,661	150,677	644
7	717,713	14,123,996	9,863,544	2,072,327	41,113,475	5,832,709	2,209,700	3,738,757	18,963,995	7,733,932	45,500,546	18,896,972	1,143,700
8	69	844	1,074	426	500	633	166	1,913	868	501	2,189	1,359	75
9	6	219	92	50	219	150	17	378	143	102	343	486	7
10	32	639	754	303	1,899	506	123	1,744	638	418	2,001	1,251	18
11	38	422	412	168	626	228	57	446	359	240	497	497	64
12	5	2	.....	5	.....	14	.....	1	101	.....	11	97	.....
13	13	534	297	55	506	291	28	293	532	233	183	360	69
14	10	690	555	78	457	246	40	215	457	189	507	716	155
15	14.3	32.2	19.3	16.9	27.4	27.4	12.7	10.9	33.2	23.3	5.2	15.7	43.9
16	8.9	32.4	24.3	14.9	18.3	22.9	15.0	11.8	29.8	20.8	8.7	11.5	44.4
17	6,000	258,258	99,310	13,926	142,104	46,018	21,588	98,774	125,108	103,403	27,130	126,752	1,091
18	4,287	142,649	29,413	2,498	79,526	26,967	10,789	55,461	83,291	47,704	15,982	62,907	910
19	117,250	10,850,810	3,553,500	282,540	12,321,309	2,854,175	368,159	3,738,757	11,125,352	3,731,714	3,646,110	4,241,935	1,236,870
20	5	249	68	5	271	59	2	134	195	104	91	115	.....
21	.....	25	.....	.....	17	6	.....	11	11	6	30	6	4
22	8	201	204	45	200	211	19	95	295	84	67	180	38
23	.....	9	20	2	15	15	.....	7	33	29	34	35	27
24	9	248	201	37	361	95	23	230	201	152	156	266	8
25	4	239	92	13	67	31	3	46	154	65	12	73	53
26	.....	47	4	.....	78	165	.....	17	207	10	21	8	.....
27	3	61	74	13	128	23	10	104	58	35	224	93	6
28	4	61	112	.....	89	53	7	818	48	27	167	167	8
29	60,640	297,565	56,462	13,526	93,594	9,003	11,070	122,041	55,211	94,396	59,370	137,848	8
30	22,665	39,394	16,036	632	15,452	4,520	2,567	23,649	40,133	12,242	34,982	20,463	8
31	907,550	5,048,922	3,035,282	186,240	7,178,775	460,700	155,900	6,853,279	3,542,100	1,123,345	13,779,550	4,133,207	43,330
32	63	799	750	398	1,294	478	131	1,279	673	385	1,344	1,339	57
33	12	285	411	76	1,268	269	51	996	326	262	1,178	501	14
34	.....	19	5	2	1	1	.....	1	12	6	10	5	11
35	10	3,002,117	358	63	957	217	43	816	273	210	961	342	9
36	230,900	2,905,375	260,165	12,357,760	1,014,735	596,949	11,969,410	3,894,145	2,354,830	17,434,560	3,235,500	126,600	.....
37	32,550	735,391	743,233	56,270	2,684,365	371,880	113,354	847,241	767,253	3,938,313	732,270	30,250	.....
38	22.7	25.2	25.7	21.6	23.4	23.0	20.6	24.7	21.6	22.2	22.6	23.9	.....

\* No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

## SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	335	11,925	5,788	2,283	5,281	1,967	3,293	4,179	7,832	3,875	2,517	9,918	1,350
2	290	5,614	2,629	2,180	4,428	1,940	2,107	3,370	4,337	3,533	2,436	8,003	1,045
3	80,060	2,551,454	2,859,707	815,320	2,201,110	633,974	1,181,942	2,096,379	1,669,029	1,371,956	3,444,862	732,188	9,118
4	25	3,149,126	576,077	117,834	991,749	97,290	11,559	632,732	762,339	495,156	411,176	995,487	1,910
5	259	133,678	54,943	2,590	27,557	6,631	14,121	33,804	65,912	56,242	14,022	21,432	730
6	.....	87,358	24,631	4,357	60,298	4,472	171,252	85,363	175,434	67,463	3,560	285,884	.....
7	30,202	286,450	381,900	158,271	333,883	108,876	237,300	312,748	164,427	74,131	207,745	575,626	144
8	17,455	197,820	240,258	100,629	49,002	196,214	292,836	196,214	124,767	19,545	89,630	365,016	48
9	.....	59,680	35,326	1,970	50	30,545	2,500	650	497,064	137,685	962	2,895	.....
10	.....	3,240	33,570	535	.....	30,005	230	250	495,044	131,615	.....	1,695	.....
11	9,155	620,984	242,846	86,513	290,247	63,203	121,255	396,559	160,426	160,151	474,779	158,014	.....
12	4,890	588,469	208,809	69,775	241,741	46,794	111,267	215,747	384,557	145,357	123,555	423,545	157,971
13	2,369	123,742	105,428	35,376	230,536	62,151	15,163	95,767	144,704	79,550	105,696	174,278	196,020
14	842	52,219	55,687	19,041	128,276	30,678	5,147	39,153	67,283	35,201	41,483	80,759	138,600
15	4,541	751,177	662,159	150,296	1,198,290	235,606	48,511	438,699	666,906	566,264	579,685	921,117	110,057
16	1,359	560,984	482,350	51,072	822,362	726,720	22,964	285,779	482,465	501,433	301,194	790,296	96,589
17	2,988	231,068	218,003	63,012	414,662	110,074	22,820	184,499	240,821	228,801	228,698	357,379	126,585
18	946	156,320	153,300	35,325	283,786	66,737	10,707	108,014	168,428	178,121	114,223	240,609	111,826
19	20,355	177,279	8,939	5,432	325,556	7,338	2,280	902,106	56,272	68,253	363,025	1,559,607	.....
20	425	2,519	204	42	2,764	42	.....	12,915	160	773	5,983	18,849	.....
21	2,049	14,708	942	779	18,525	814	308	62,337	5,305	5,671	23,466	89,401	.....
22	29,160	24,884	9,955	10,607	62,072	28,811	593	1,336	41,103	19,457	.....	155	3
23	.....	3,090	153	1,043	.....	177	.....	43	7	33	.....	60	.....
24	41,209	26,549	7,196	8,382	51,474	21,728	767	2,600	35,449	18,874	.....	185	.....
25	625	5,899	3,925	1,246	2,561	1,140	500	2,223	5,769	2,122	788	3,822	674
26	3,567	15,714	4,873	2,286	2,646	2,069	4,143	5,730	7,803	10,884	2,639	13,917	75
27	90	931	508	105	384	316	67	974	547	563	667	3,822	.....
28	14,782	6,292	6,293	1,909	1,963	3,183	1,299	4,855	6,773	11,236	2,125	5,298	.....
29	19,240	17,081	4,104	5,493	19,271	10,233	325	2,185	37,170	6,824	31	187	.....
30	197,847	833,917	261,042	95,121	266,105	156,894	141,717	328,638	462,412	570,985	170,023	570,309	6,685
31	21,341	71,129	34,634	22,217	8,631	19,301	9,945	36,430	93,021	31,311	20,300	44,457	1,413

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY TENURE; COLOR AND RACE  
 [Comparative data for June 1, 1900, in italics.]

	San Joaquin.	San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.
<b>FARMS OPERATED BY OWNERS</b>								
1 Number of farms.....	1,088	1,056	302	704	3,622	1,088	830	93
2 Number of farms in 1900.....	1,297	1,167	456	654	2,897	74	1,004	133
3 Per cent of all farms.....	72.1	94.5	45.4	76.4	74.7	74.7	83.4	84.5
4 Per cent of all farms in 1900.....	69.9	64.4	63.7	69.9	75.0	67.9	82.2	94.3
5 Land in farms.....acres.....	443,034	604,883	44,834	227,341	300,220	95,945	136,354	59,409
6 Improved land in farms.....acres.....	344,881	138,618	29,717	83,570	138,204	43,607	81,663	22,552
7 Value of land and buildings.....dollars.....	37,546,833	11,546,274	6,202,939	15,947,570	41,822,917	11,258,058	5,174,993	897,100
<b>Degree of ownership:</b>								
8 Farms consisting of owned land only.....	1,850	995	259	549	3,957	973	754	72
9 Farms consisting of owned and leased land.....	630	361	45	159	565	115	85	21
<b>Color and nativity of owners:</b>								
10 Native white.....	1,638	886	141	535	2,188	636	673	65
11 Foreign-born white.....	716	469	138	219	1,416	446	139	4
12 Negro and other nonwhite.....	16	1	3	10	13	3	27	1
<b>FARMS OPERATED BY TENANTS</b>								
13 Number of farms.....	799	616	316	504	877	329	154	12
14 Number of farms in 1900.....	711	597	257	459	703	366	159	6
15 Per cent of all farms.....	24.3	35.9	47.5	37.3	17.8	22.4	15.2	10.9
16 Per cent of all farms in 1900.....	36.2	32.9	43.4	37.3	18.6	28.6	16.3	4
17 Land in farms.....acres.....	249,937	357,032	99,142	315,236	232,890	41,450	61,722	7,721
18 Improved land in farms.....acres.....	215,313	309,217	80,247	285,172	199,491	18,341	12,404	2,872
19 Value of land and buildings.....dollars.....	18,609,246	8,209,927	10,161,785	11,608,624	13,654,122	3,687,120	704,100	82,600
<b>Form of tenancy:</b>								
20 Share tenants.....	411	195	26	159	341	81	21	1
21 Share-croppers.....	31	42	12	47	37	7	4	1
22 Cash tenants.....	296	374	243	293	467	229	107	10
23 Tenure not specified.....	6	5	35	5	32	12	22	.....
<b>Color and nativity of tenants:</b>								
24 Native white.....	446	305	99	280	305	179	138	8
25 Foreign-born white.....	294	294	138	319	373	127	9	.....
26 Negro and other nonwhite.....	112	17	11	21	133	23	7	.....
<b>FARMS OPERATED BY MANAGERS</b>								
27 Number of farms.....	117	42	47	67	232	49	17	5
28 Number of farms in 1900.....	68	49	49	65	205	56	10	.....
29 Land in farms.....acres.....	79,077	626,745	16,979	577,898	181,609	19,913	11,133	17,660
30 Improved land in farms.....acres.....	48,568	98,096	9,984	46,810	29,475	4,927	2,120	5,370
31 Value of land and buildings.....dollars.....	5,429,489	7,125,621	3,031,180	11,305,978	6,531,804	1,478,400	376,680	245,000
<b>MORTGAGE DEBT REPORTS*</b>								
32 For all farms operated by owners.....	1,181	710	249	533	2,092	671	658	72
33 Number free from mortgage debt.....	1,172	711	47	227	1,500	410	177	21
34 Number with no mortgage debt.....	87	5	6	4	30	7	4	.....
<b>For farms consisting of owned land only:</b>								
35 Number reporting debt and amount.....	187	193	39	134	1,186	357	147	17
36 Value of their land and buildings.....dollars.....	8,729,620	1,779,079	610,356	2,790,149	11,700,415	3,697,639	919,869	160,580
37 Amount of mortgage debt.....dollars.....	2,272,853	489,923	103,505	706,315	3,391,945	815,705	211,200	48,350
38 Per cent of value of land and buildings.....	26.0	27.5	17.0	25.3	29.9	23.0	23.0	30.1

\* Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

<b>LIVE STOCK PRODUCTS</b>								
<b>Dairy Products</b>								
1 Dairy cows on farms reporting dairy products.....number.....	10,693	22,945	6,982	10,151	10,300	3,676	2,059	1,464
2 Dairy cows on farms reporting milk produced.....number.....	9,150	15,958	5,490	6,147	9,183	3,456	1,988	1,369
3 Milk—Produced.....gallons.....	4,598,234	5,967,549	3,039,461	3,114,697	5,336,749	1,704,749	695,769	579,668
4 Sold.....gallons.....	863,252	283,214	2,963,928	232,185	2,850,984	358,724	81,815	47,533
5 Cream sold.....gallons.....	135,228	348,575	16,957	236,960	75,114	14,349	518	4,062
6 Butter fat sold.....pounds.....	454,756	224,400	1,434	254,830	74,489	39,456	2,782	46,882
7 Butter—Produced.....pounds.....	341,820	1,569,563	91,997	244,632	329,296	234,392	137,723	135,938
8 Sold.....pounds.....	156,729	1,294,669	67,159	148,498	183,461	116,390	57,583	118,347
9 Cheese—Produced.....pounds.....	93,630	169,350	64,751	25,665	577,350	227,995	.....	1,318
10 Sold.....pounds.....	66,228	166,505	39,550	23,390	539,521	167,895	.....	70
11 Value of dairy products, excluding home use of milk and cream.....dollars.....	498,808	754,463	555,332	394,516	719,503	184,800	53,829	62,356
12 Receipts from sale of dairy products.....dollars.....	449,884	709,127	514,963	308,211	664,275	147,907	35,114	56,807
<b>Poultry Products</b>								
13 Poultry—Raised.....number.....	212,434	190,871	43,946	91,159	233,729	79,015	52,607	6,993
14 Sold.....number.....	96,198	45,839	21,262	49,019	116,113	39,846	21,493	2,123
15 Eggs—Produced.....dozens.....	955,501	840,465	236,642	407,168	1,166,782	577,989	199,838	24,877
16 Sold.....dozens.....	956,929	630,359	189,361	283,257	759,224	435,418	84,912	9,622
17 Value of poultry and eggs produced.....dollars.....	337,417	243,244	82,139	151,719	410,877	188,542	73,767	11,778
18 Receipts from sale of poultry and eggs.....dollars.....	300,592	169,182	57,688	92,454	252,708	138,227	34,494	4,415
<b>Honey and Wax</b>								
19 Honey produced.....pounds.....	104,645	177,342	5,458	288,575	77,252	11,032	8,466	2,081
20 Wax produced.....pounds.....	3,909	1,983	193	4,989	842	98	183	10
21 Value of honey and wax produced.....dollars.....	6,565	11,374	810	16,678	6,203	1,207	1,013	220
<b>Wool, Mohair, and Goat Hair</b>								
22 Wool, fleeces and goat hair.....number.....	20,477	64,719	1,013	27,387	4,765	799	17,862	2,333
23 Mohair and goat hair, fleeces short.....dozens.....	37	4,758	26	68	.....	630	11,006	.....
24 Value of wool and mohair produced.....dollars.....	14,114	52,868	1,162	26,308	3,696	1,444	25,765	3,940
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>								
25 Cattle—Sold or slaughtered.....number.....	6,285	10,222	4,421	3,009	6,964	2,446	584	61
26 Other cattle—Sold or slaughtered.....number.....	12,104	27,792	2,499	18,016	12,834	3,630	11,731	4,331
27 Horses, mules, and asses and burros—Sold.....number.....	3,042	842	261	848	2,042	882	1,135	135
28 Swine—Sold or slaughtered.....number.....	17,732	14,273	6,198	13,870	6,041	3,013	8,527	683
29 Sheep and goats—Sold or slaughtered.....number.....	6,605	11,999	563	16,116	1,983	2,586	12,432	2,960
30 Receipts from sale of animals.....dollars.....	719,589	1,165,961	185,667	962,245	574,250	429,691	186,928	11,910
31 Value of animals slaughtered.....dollars.....	81,272	122,647	31,395	19,381	29,832	41,073	58,366	9,110

STATISTICS OF AGRICULTURE.

NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in Italic.

	Siskiyou.	Solano.	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare.	Tuolumne.	Ventura.	Yolo.	Yuba.	Indian res.
1	948	773	3,771	2,290	673	810	274	3,307	342	895	887	372	
2	816	709	2,629	611	614	809	218	1,690	400	889	850	334	270
3	85.1	67.6	79.0	81.9	77.2	80.5	89.0	82.2	88.6	69.2	70.7	70.1	
4	87.4	61.7	71.5	64.4	70.5	76.1	82.6	75.2	87.5	70.1	70.0	77.4	84.1
5	357,587	329,947	427,263	428,014	262,877	482,565	79,078	792,079	165,627	295,125	256,282	176,086	
6	141,692	210,959	145,402	324,930	145,149	84,827	10,827	345,835	33,186	111,729	196,930	71,064	
7	9,531,155	16,661,850	34,202,473	28,443,814	12,155,262	6,432,816	67,425	4,844,619	1,984,825	27,274,505	17,980,015	3,679,066	
8	854	599	3,594	1,784	504	735	259	2,725	312	604	603	260	
9	94	174	177	416	170	154	75	582	30	291	264	72	
10	715	449	2,170	1,544	551	638	206	2,652	212	678	676	254	
11	190	314	1,597	662	118	165	54	612	128	218	218	78	
12	43	10	4	4	8	7	14	43	2	1	10		
13	129	322	888	441	181	164	27	496	34	346	325	96	
14	88	371	800	509	207	211	17	617	3	551	569	86	
15	11.6	26.4	18.6	16.9	16.3	16.3	8.8	12.3	8.4	26.8	26.9	22.0	
16	16.6	32.2	24.4	24.4	29.0	20.9	6.8	21.4	4.8	25.7	25.6	19.7	0.7
17	65.145	127,546	240,325	179,333	70,557	137,059	8,545	131,285	22,283	101,283	157,070	58,948	
18	30,537	88,378	171,213	149,131	45,711	49,729	1,168	83,713	63,929	87,213	20,484		
19	1,388,490	7,011,471	11,742,450	7,872,558	3,202,415	2,180,705	107,990	8,124,870	176,300	10,426,245	7,971,640	1,800,410	
20	39	104	150	239	64	35	3	212	2	253	167	20	
21	17	22	16	27	4	6	6	27		25	17		
22	54	197	461	147	88	103	16	233	18	60	137	65	
23	36	4	255	39	2	2	2	24	14	8	7		
24	103	133	488	296	133	135	22	400	22	244	225	77	
25	25	128	383	142	30	21	1	79	12	82	44	12	
26	1	61	17	3	18	8	4	218	20	20	56		
27	37	48	113	46	18	32	7	17	10	52	43	8	
28	17	71	147	51	51	51	5	74	19	49	45	14	16
29	33,144	17,873	77,056	48,045	52,328	205,663	3,687	121,867	5,162	183,741	30,031	14,064	
30	14,068	32,016	38,128	8,650	52,086	1,305	77,676	940	28,210	33,125	2,702		
31	845,100	1,600,300	4,326,540	2,328,246	1,484,109	5,563,300	94,700	12,681,517	70,300	6,490,510	2,532,932	540,700	
32	688	323	2,254	860	362	518	133	1,778	268	497	492	248	
33	251	1,498	1,301	307	307	288	40	1,511	71	383	357	83	
34	9	19	9	5	4	1	18	2	5	8	1		
35	210	237	1,399	972	225	241	36	1,197	63	229	283	50	
36	2,760,855	3,722,565	11,018,235	9,721,155	3,076,708	2,061,515	221,425	15,911,023	378,590	6,013,275	4,329,746	417,430	
37	682,580	952,263	3,098,142	2,364,778	785,106	543,342	51,498	3,263,701	88,677	1,088,618	1,154,656	114,274	
38	20.8	24.8	27.3	24.4	25.5	26.4	23.3	29.5	20.3	25.6	25.6	27.4	

\* No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	6,162	9,648	23,054	17,136	6,319	2,803	694	23,044	1,387	2,451	5,858	1,720	
2	5,363	8,915	17,426	8,885	4,948	2,696	640	19,986	801	2,132	4,399	1,471	
3	2,218,438	3,590,528	8,913,031	5,492,579	2,082,758	898,137	162,624	10,494,695	207,770	953,045	2,564,699	511,601	
4	198,032	1,089,424	2,946,029	1,245,344	489,220	123,307	435	183,875	50,628	67,641	753,917	119,661	
5	49,036	33,171	207,083	119,831	60,863	3,823		153,401	714	5,196	162,392	15,207	
6	266,719	282,684	394,096	2,363,113	277,709	33,552		6,090,537	2,100	1,000	319,693	33,084	
7	254,990	381,903	1,192,532	154,988	183,527	182,953	46,277	201,880	35,522	267,905	88,338	40,673	
8	163,101	275,609	879,885	61,256	89,104	102,933	21,885	44,002	14,282	142,134	32,649	10,944	
9	39,470	29,211	211,319	2,125	2,125	16,820		16,820	135	20.3			
10	35,720	724	207,012	2,000				16,750					
11	218,209	388,472	911,873	1,216,676	241,332	86,839	14,812	983,432	25,276	97,702	396,490	48,454	
12	191,448	301,475	840,165	1,190,228	217,430	67,604	7,220	942,746	18,901	64,912	282,326	40,853	
13	57,444	66,403	1,512,601	121,677	101,908	90,134	10,800	204,167	22,710	61,703	84,010	44,202	
14	20,839	26,918	999,877	56,524	50,556	53,029	4,991	73,443	9,894	20,431	36,133	25,844	
15	254,107	29,201	9,470,880	648,248	430,198	308,452	31,776	1,033,110	84,507	972,111	947,209	111,892	
16	107,722	274,549	8,943,850	339,140	301,370	189,294	7,440	647,699	49,907	174,489	207,276	59,439	
17	93,177	128,245	3,038,518	237,685	167,240	149,168	15,857	325,638	35,427	124,710	131,862	66,938	
18	39,692	76,580	2,522,283	132,890	118,880	104,666	5,932	188,452	19,301	59,796	76,589	43,838	
19	85,322	2,573	7,014	61,092	76,812	15,779	1,605	290,435	12,310	1,839,986	160,982	545	
20	324		44	1,371	745	115	15	4,743	65	20,918	1,125	10	
21	8,317	491	941	5,160	4,909	1,198	207	17,434	879	169,785	8,313	83	
22	14,975	167,499	75,925	22,837	149,821	336,373	2,603	33,150	1,408	21,465	82,602	63,833	
23	134	3	2,350	50	800	36,119	44	510	177	400	316	208	
24	23,638	161,312	74,951	22,700	110,738	349,689	1,802	35,218	966	14,306	76,497	45,777	
25	1,735	5,233	12,664	6,107	3,063	1,068	43	8,983	664	1,027	5,215	1,003	
26	46,651	6,355	6,436	11,632	9,596	9,596	5,174	34,808	4,306	15,257	6,433	6,511	
27	547	802	638	2,175	565	578	18	1,851	107	626	1,569	190	
28	7,234	8,099	10,242	17,286	11,303	5,530	1,428	39,391	9,911	5,854	24,395	2,744	
29	15,665	67,376	10,979	16,396	80,502	73,718	71	11,256	1,844	8,580	33,530	25,420	
30	1,656,960	594,201	427,511	905,059	643,534	542,031	78,488	1,705,820	126,632	727,603	793,995	306,722	
31	145,915	49,443	44,787	53,702	34,290	50,397	15,086	82,823	9,450	28,076	54,907	17,101	



STATISTICS OF AGRICULTURE.

ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909.

	Contra Costa.	Del Norte.	Eldorado.	Fresno.	Glenn.	Humboldt.	Imperial.	Inyo.	Kern.	Kings.	Lake.	Lassen.
1	4,632,054	111,952	471,514	7,991,187	1,350,910	1,438,425	1,901,358	532,643	1,803,295	3,180,114	517,798	897,949
2	604,035	8,877	15,130	610,053	909,796	117,892	753,230	156,416	500,973	550,869	129,837	214,275
3	104,487	164	20	13,685	21,589	10,349	3,495	15,590	20,714	20,714	17,641	20,207
4	1,617,040	8,763	196,638	1,762,818	327,008	893,913	805,000	202,010	953,730	1,171,401	196,993	683,251
5	1,125,638	10,635	41,560	109,690	15,644	175,817	290,399	57,314	96,963	149,137	44,701	51,047
6	499,436	2,878	143,524	5,279,794	141,093	141,093	26,564	44,957	129,058	1,219,258	80,001	16,307
7	80,818	3,665	73,062	376,147	64,101	90,151	20,876	18,750	78,962	77,735	38,001	13,655
8	22,338	243	942	44,728	73,200	4,520	47,848	4,849	48,807	34,222	7,219	14,728
9	832,988	15,011	465	887,885	1,296,292	182,978	1,145,847	157,031	711,574	687,738	147,369	249,974
10	263	1	38	4,422	671	253	690	1,883	466	2,274	981	4
11	6,158	12	768	37,726	21,999	7,633	14,419	57,917	7,132	43,688	26,317	93
12	1,112	216	543	1,554	1,283	30	573	82	109	843	977	
13	40,478	12,078	10,504	20,027	32,630	75,803	372	28,875	770	4,490	19,914	25,647
14	14,463		143	7,839	15,411	134	125	1,715	12,924	8,484	2,563	9,938
15	53,532		3,201	97,391	272,500	3,370	2,559	50,578	139,575	141,978	166,131	158,863
16	2,665	32	50	32,132	53,513	1,296	36,998	62,492	19,287	2,825	3,244	3,928
17	731,970	840	884	694,234	1,002,587	65,991	908,916	19,381	517,029	402,432	54,738	63,471
18		112	609	1,940			181		1,500	100	140	6,018
19			1,689		162				2,813	3,801		
20			37,596	4,972					48,828	95,040		
21							213,781					
22		4				517			1			
23		60		172		9,036			10		75	
24	2,238	1	9			18			26	21		
25	65,748	10	30	155		392			1,005	648	576	
26	88,337	3,052	12,115	96,265	25,143	30,018	57,064	18,208	58,985	57,749	12,833	62,758
27	129,590	10,131	11,585	214,538	37,594	119,813	101,763	43,638	112,993	158,366	39,856	92,454
28	8,870	1,344	1,954	43,032	4,039	7,798	31,102	15,089	28,814	3,669	23,302	23,302
29	19,356	2,271	2,342	167,493	11,927	20,093	72,424	41,602	73,273	128,188	8,357	44,170
30			14			174			43		285	
31			11			8			194		60	649
32			99	443	3	18			1,906		104	9,475
33			148	365	22	268			3,589		680	13,259
34	839	63	234	10		2,459			12		13	330
35	1,874	109	433	62	4	6,479			15		51	452
36	3,477	53	407	47,776	3,211	17,597	12,619	29,600	36,778	26,778	36,778	11,779
37	8,163	90	824	167,217	10,848	3,287	72,301	37,059	73,259	123,112	7,900	27,452
38	356		37			17			15		3	
39	427					63			3		14	
40	3,825	1,093	447	243	799	4,055	240	697	12	2,623	385	1,723
41	4,901	1,853	598	208	1,045	9,707	210	893	12	2,025	391	2,836
42	1,050	20	2,743	901	911	1,076	55	1,076	55	1,122	333	1,579
43	1,215	50	2,191	2,343	198	1,368	100	1,681	105	734	1,316	46,016
44	79,368	1,509	7,969	44,159	30,834	18,773	20,995	28	28,699	17,629	7,810	2,677
45	112,478	303	7,142	43,863	35,382	35,382	25,441	28	38,629	9,334	22	8,442
46	22	195	20	812	8	495	4,412	22	5,121	473		
47	427	2,477	10	360	12	6,730	300	134	4,755	65		
48	12,687	69	113	218	24	1,108	30	326	339	194	182	259
49	2,226,695	9,800	18,513	23,891	1,435	1,556,437	3,347	52,894	51,666	17,658	21,773	35,703
50						8,713		13	2,453		19	15
51	20			1,311		115		675	3,672	589	674	353
52	3,650	29	197									194
53	40			1,264		228						184
54	250			1,196		9,769		4		1,304		10
55	223,939	3,549	180,077	2,571,839	44,565	117,368	3,170	30,164	136,088	1,045,598	120,637	17,111
56	213,356	3,588	149,943	3,116,325	30,813	1,589,053	926	45,760	164,426	1,315,117	122,945	13,731
57	18,429	3,234	31,929	32,097	4,617	73,010	86	19,611	7,725	4,196	22,254	12,679
58	18,494	3,116	26,629	31,505	4,909	1,552,580	3	35,450	10,006	8,507	18,537	10,349
59	39,461	42	61,900	2,277,313	9,471	4,602	4,322	4,602	4,322	4,602	9,288	1,465
60	38,525	32	58,738	2,727,978	3,175	10,552	228	5,037	30,278	803,637	8,336	1,733
61	68,988	49	49,672	13,336	1,655	3,904	347	2,668	1,057	4,379	39,075	6,233
62	75,808	128	81,900	2,277,313	1,593	8,186	1,068	8,186	1,068	8,607	26,571	1,779
63	58,177	98	66,926	24,860	2,650	3,947	11	2,349	58,075	132,764	47,244	2,224
64	54,831	222	23,327	130,252	8,559	12,161	3	1,845	74,053	208,841	54,837	1,069
65	4,285	48	3,259	8		3,733		539	163	11	693	439
66	5,139	38	3,051	194	48	5,040		331	64	295	764	61
67	38,812		593	186,823	6,839	235	1,922	342	33,573	124,007	1,463	70
68	19,906		786	296,536	2,310	267	673	416	48,955	234,147	576	17
69	2,972,130		581,342	40,657,207	20,416	4,095	298,513	39,478	419,582	4,538,732	296,752	31
70	82,217,131		4,981,740	111,351,611	145,940	76,405	1,210,475	292,730	1,716,490	91,494,366	1,572,522	809
71	10,597	1	677	251,754	6,783	83	2,411	14	82,888	425	4,340	
72	129,123		129,123	82			6,611		1,475	331	1,063	
73	16,235		74,060	15,808,146	63,235	2,430	10,450	400	92,930	26,730	41,896	
74	402		53	88,771	4,800	1	1,410		80,940	24	72	
75	453		195	92,640	1,704	31	3,012		82,232	31	31	
76	148			12,389	593	36			54		8	
77	92			10,953	432				37			
78	9,744		37	72,788	445			41		302		
79	340,410		4,020	655,302	14,250				3,500	5	3,195	
80				346	5				400	7,390		
81				431	18				16			
82									1			
83	6	1	23	310	8	87	1	21	24	31	25	20
84	13,654	1,760	31,427	1,196,643	15,005	219,488	1,726	18,621	32,067	94,940	33,810	14,839
85	1	5	148	18	2	58		5,591	2	12	53	10
86	2,880	1,050	8,215	750,798	2,945	152,758	4	1	5,981	112	12,227	3,380
87	3		11	91	4	4			8	26	13	15
88	2,774	300	12,480	247,186	8,980	5,767	1,426	9,835	24,900	33,260	15,261	2,354
89	215,248		1,512	8,203	26,336	72	827	63	7,819	1,747	8,920	16
90	941,400		27,130	70,997	87,707	8,875	400	2,170	26,815	38,295	58,198	280
91	398,059		408	5,204	294	294		29	3,101	8,781	1,731	
92	836,112		3,850	56,472	61,655	590		1,080	23,595	37,040	47,316	
93	20			56	15			9	563	2	350	
94	3			225	3							

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		Los Angeles.	Madera.	Marin.	Mariposa.	Mendocino.	Merced.	Modoc.	
<b>VALUE OF ALL CROPS</b>									
1	Total.....	dollars.	14,780,884	1,688,418	534,383	230,632	1,531,986	3,423,574	1,176,038
2	Cereals.....	dollars.	806,567	1,229,003	19,704	175,778	1,171,550	1,211,550	229,216
3	Other grains and seeds.....	dollars.	218,428	900	15	1,430	927	11,261	59,506
4	Hay and forage.....	dollars.	3,430,698	290,258	425,987	109,699	526,688	1,355,938	621,177
5	Vegetables.....	dollars.	1,253,003	27,993	42,916	28,024	121,511	187,635	18,570
6	Fruits and nuts.....	dollars.	6,731,532	126,124	31,816	43,023	166,534	147,964	49,894
7	All other crops.....	dollars.	2,278,629	21,138	13,883	29,939	540,218	30,142	17,569
<b>SELECTED CROPS (acres and quantity)</b>									
<b>Cereals:</b>									
8	Total.....	acres.....	49,857	140,822	873	1,807	9,433	124,578	19,152
9	Wheat.....	bushels.....	1,138,533	1,722,889	34,975	24,098	199,039	2,381,975	162,377
10	Corn.....	acres.....	9,068	1	32	174	533	1,577	.....
11	Oats.....	bushels.....	249,295	50	2,061	2,330	14,454	52,778	209
12	Rye.....	acres.....	973	10,569	31,850	55	3,067	19,843	728
13	Barley.....	bushels.....	38,729	175,047	31,480	1,109	81,469	338,041	22,138
14	Wheat.....	acres.....	6,760	29,468	57	124	3,906	10,399	9,362
15	Barley.....	bushels.....	59,806	370,499	1,155	1,298	59,185	115,938	185,924
16	Rye.....	acres.....	234,394	90,949	16	1,434	1,904	88,145	8,559
17	Kafr corn and milo maize.....	bushels.....	785,129	1,179,945	231	10,130	43,370	2,009,531	227,473
18	Oats.....	acres.....	100	100	.....	29	3	2,108	406
19	Rye.....	bushels.....	745	1,460	7	.....	.....	6,833	.....
20	Kafr corn and milo maize.....	acres.....	106	343	.....	.....	.....	2,296	.....
21	Other grains:	bushels.....	2,143	4,948	.....	.....	.....	45,770	.....
22	Dry peas.....	acres.....	14	.....	.....	.....	17	.....	.....
23	Dry edible beans.....	bushels.....	311	.....	.....	62	5	928	4
24	Hay and forage:	bushels.....	105,011	333	8	409	44	5,839	1,567
25	Total.....	acres.....	154,048	17,606	17,469	6,821	27,015	68,917	75,479
26	All tame or cultivated grasses.....	tons.....	316,541	29,978	37,872	6,649	38,085	173,335	118,096
27	Timothy alone.....	tons.....	21,327	5,300	3,613	364	6,330	38,741	21,402
28	Timothy and clover mixed.....	tons.....	194,127	16,796	5,966	506	14,523	145,392	93,770
29	Alfalfa.....	tons.....	25	5	80	65	180	5	1,512
30	Millet or Hungarian grass.....	tons.....	45	6	209	100	28	7	3,662
31	Clover alone.....	acres.....	52	80	.....	34	578	.....	10,195
32	Alfalfa.....	tons.....	122	80	.....	25	350	.....	79
33	Millet or Hungarian grass.....	acres.....	10,027	5,725	25	28	2,401	37,842	10,869
34	Other tame or cultivated grasses.....	tons.....	100,803	16,717	86	97	6,233	144,827	24,487
35	Wild, salt, or prairie grasses.....	acres.....	63	.....	.....	40	15	.....	40
36	Timothy alone.....	tons.....	142	.....	.....	46	26	31	.....
37	Timothy and clover mixed.....	tons.....	2,169	3,428	2,179	3,428	5,865	7,784	3,428
38	Alfalfa.....	tons.....	2,943	73	5,600	225	6,884	6,080	5,373
39	Millet or Hungarian grass.....	acres.....	651	516	169	685	1,164	10,308	50,373
40	Other tame or cultivated grasses.....	tons.....	793	429	179	1,178	67	278	70,143
41	Wild, salt, or prairie grasses.....	acres.....	129,978	11,283	13,055	5,472	16,429	19,751	3,499
42	Coarse forage.....	tons.....	189,856	12,757	20,787	4,884	21,356	20,263	4,992
43	Special crops:	acres.....	1,545	2	132	.....	61	116	.....
44	Potatoes.....	bushels.....	4,140	75	435	76	616	246	346
45	Sweet potatoes and yams.....	acres.....	413,151	6,662	33,469	8,337	78,909	18,882	44,614
46	All other vegetables.....	bushels.....	346	2	.....	.....	.....	2,114	.....
47	Sugar beets.....	acres.....	44,142	100	.....	.....	.....	255,638	.....
48	Sugar beets.....	tons.....	13,385	256	117	193	594	380	549
49	Sugar beets.....	tons.....	14,191	.....	.....	.....	.....	.....	.....
50	.....	tons.....	162,059	.....	.....	.....	.....	24	137
<b>FRUITS AND NUTS</b>									
<b>Orchard fruits:</b>									
51	Total.....	trees.....	448,698	89,156	32,263	19,461	125,282	163,013	37,778
52	Apples.....	bushels.....	689,829	40,077	22,420	34,283	212,320	108,843	71,883
53	Peaches and nectarines.....	acres.....	101,433	28,276	15,935	16,091	63,263	8,941	28,969
54	Pears.....	bushels.....	118,528	11,227	6,907	29,141	112,556	7,267	60,202
55	Plums and prunes.....	acres.....	160,197	40,989	6,313	1,618	6,928	134,991	21,123
56	Cherries.....	bushels.....	234,281	29,996	1,805	1,805	10,911	90,054	1,866
57	Pears.....	acres.....	16,149	1,185	1,451	1,701	15,829	5,704	1,888
58	Plums and prunes.....	bushels.....	21,161	1,164	8,979	1,528	25,666	5,624	3,864
59	Cherries.....	acres.....	45,569	7,570	762	3,735	37,107	5,182	1,032
60	Apricots.....	bushels.....	34,295	435	2,625	1,168	63,356	3,437	4,660
61	.....	acres.....	795	40	165	120	1,181	843	963
62	.....	bushels.....	168	208	208	141	216	64	1,652
63	.....	acres.....	122,769	9,408	1,689	233	187	7,261	683
64	.....	bushels.....	181,079.	6,188	633	415	305	4,383	788
65	Grapes.....	vines.....	4,925,877	1,530,630	118,188	28,647	924,191	1,281,342	795
66	Tropical fruits:	pounds.....	44,846,307	21,105,970	1,982,860	288,749	6,471,050	12,085,571	7,100
67	Total.....	acres.....	1,994,402	22,532	367	4,378	370	18,613	.....
68	Figs.....	acres.....	5,726	4,221	201	461	358	9,837	.....
69	Oranges.....	bushels.....	395,476	82,590	1,065	135,455	25,125	786,495	.....
70	Lemons.....	acres.....	1,674,695	184	79	1,169	4	1,572	.....
71	Oranges.....	boxes.....	4,124,161	114	147	1,081	1,057	2	.....
72	Lemons.....	acres.....	219,149	15	20	20	.....	299	.....
73	Oranges.....	boxes.....	704,301	16	25	50	.....	217	.....
74	Olive.....	acres.....	84,934	18,010	48	2,711	6	6,981	.....
75	Olive.....	pounds.....	1,549,419	38,035	150	2,452	100	90,916	.....
76	Pomeioles (grapefruit).....	acres.....	6,853	9	1	.....	.....	11	.....
77	.....	boxes.....	11,910	2	5	.....	.....	2	.....
78	Small fruits:	acres.....	.....	7	.....	.....	57	34	37
79	Total.....	acres.....	7,877,987	4,470	5,130	8,705	69,492	47,283	44,168
80	Strawberries.....	acres.....	1,380	1	1	1	22	5	9
81	Blackberries and dewberries.....	acres.....	5,135,203	1,750	1,750	1,217	35,296	8,377	10,113
82	.....	acres.....	1,019,735	1,380	380	4,470	11,900	25,230	11,515
83	Nuts:	acres.....	.....	.....	.....	.....	.....	.....	.....
84	Total.....	acres.....	359,348	2,797	212	262	762	17,845	27
85	Almonds.....	pounds.....	8,206,703	8,535	1,497	4,270	33,049	127,357	835
86	Pecans.....	acres.....	76,949	2,778	159	229	17,132	.....	.....
87	.....	pounds.....	69,710	7,975	1,112	1,918	4,360	114,499	31
88	Walnuts (Persian or English).....	acres.....	313	6	.....	.....	.....	200	.....
89	.....	pounds.....	281,837	14	61	91	260	633	3
90	.....	pounds.....	6,138,033	560	385	2,019	9,990	11,638	80

# STATISTICS OF AGRICULTURE.

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## ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

	Mono.	Monterey.	Napa.	Nevada.	Orange.	Placer.	Plumas.	Riverdale.	Sacramento.	San Benito.	San Bernardino.	San Diego.	San Francisco.
1	107,757	4,328,535	1,637,442	386,326	6,176,337	1,813,419	432,918	5,133,756	4,722,010	1,741,155	6,818,233	2,861,136	323,926
2	5,023	1,095,220	168,471	3,101	562,563	104,677	74,736	805,051	2,230,854	298,068	99,464	435,836	
3	57	57,622	6,234	58	6,234	58		405,183	188,380	405,183	64,670	3,330	
4	85,083	1,123,740	469,362	169,579	976,900	194,464	299,817	1,624,675	790,239	963,249	932,249	1,110,127	1,460
5	13,296	230,296	128,948	54,534	504,864	52,233	21,772	133,199	509,233	34,425	107,283	174,869	100,965
6	5,638	436,763	736,745	96,771	2,497,731	1,318,721	3,873	2,393,271	2,265,091	281,911	5,357,671	941,762	600
7	665	677,840	104,292	78,963	944,517	143,294	32,722	77,100	521,123	54,932	327,042	84,259	127,271
8	217	131,453	10,979	849	35,415	10,104	4,933	75,236	200,710	16,022	5,432	37,295	
9	5,939	2,831,963	261,385	3,293	808,341	120,908	103,455	1,219,591	280,733	384,374	132,508	616,870	
10	4	845	5	5	3,054	27		372	735	401	920	4,544	
11	160	15,552	29,579	298	91,643	1,055		12,421	34,699	5,389	14,839	17,574	
12	43	5,754	1,348	114	966	3,030	2,193	4,767	4,174	776	836	7,099	
13	3,000	240,760	32,155	1,559	30,858	40,897	*75,606	85,540	66,949	13,826	16,508	177,485	
14	167	22,924	4,134	96	780	5,721	166	11,817	10,740	4,451	4,451	7,268	
15	2,729	295,090	50,471	1,579	10,780	10,316	169,454	160,728	77,535	20,800	90,812	600	
16		98,923	3,048	30	27,384	1,318	1,260	56,946	4,599	10,955	3,260	17,745	
17		2,026,334	95,900	249	671,529	17,128	12,216	956,326	75,575	307,215	85,850	284,677	
18	4						794			13			
19	40						5,250			125		50	
20		2	2		189				44	2	1,216	50	
21		40	35		3,537	161			590	43	15,201	282	
22	63	1154			65				90			13	
23	11	5,218			505				1,703			17	
24	5	1,504	6		21,186				7,801			3,492	
25	133	29,532	1	18	402,901			192	166,852	697		5,661	
26	6,947	83,647	26,061	9,728	47,651	16,034	30,132	88,430	56,938	64,064	42,608	82,049	100
27	12,118	109,848	38,331	9,497	87,455	15,464	34,038	141,734	20,848	188,380	78,218	150	
28	4,323	3,489	1,739	1,928	11,432	819	9,358	14,114	14,441	21,251	8,883	9,269	61
29	9,542	9,556	3,906	3,527	31,316	1,596	12,557	17,676	37,209	8,393	366,129	18,054	70
30							801	38			5	10	
31					56		1,084	5	1,187			58	
32	2,278		10	267	20	5,239							
33	7,720		393	15	993	27	7,191						
34	4	60	29	221	78	155	23		222		18		
35	10				47	286			407		3		
36	2,086	2,819	1,094	422	5,304	465	711	12,904	9,622	1,940	8,293	2,565	
37	6,683	8,251	3,423	4,159	23,139	1,249	1,104	69,230	32,021	7,700	35,922	11,739	10
38	15				6						3	21	
39	30				19						3	21	
40	70	610	496	887	6,128	218	2,462	795	3,714	440	89	6,555	60
41	97	1,215	413	1,489	8,177	289	2,892	2,000	3,570	290	146	6,360	
42	2,474	6,211	4,637	3,930	6	1,202	19,794	1,969	14	3,723	35	2,792	32
43	5,582	5,582	627	1,083	65	824	20,425	15	2,196	3,827	44	2,018	
44	48,462	23,764	23,764	5,985	16,130	5,985	73,985	16,130	16,130	33,732	68,844	60	
45	93,147	34,503	4,191	53,045	10,978	1,031	69,235	31,040	70,439	39,414	60,362	80	
46		379	163	239	4	15	318	56	238	298	1,128		
47		928	274	980	6	25	818	112	1,031	722	5,634		
48	97	630	630	106	1,770	72	100	309	1,496	300	444	35,374	
49	12,694	364,868	81,659	12,753	127,340	7,442	12,638	22,392	160,519	25,438	45,268	7,806	
50					484					55	1	27	
51					56,740			8,662	10	5,681	3,588	50	
52	36	688	428	33	21	468	57	1,225	6,367	8	1	466	
53		9,900		39	10,275					283	4,121	21	
54		126,397		78	133,612			33	105	386	42,928	87	
55	1,595	339,165	497,391	84,269	160,667	1,190,074	4,574	220,723	506,961	207,537	373,533	112,953	1,105
56	1,334	336,680	639,476	94,881	362,981	1,673,123	1,769	301,433	772,237	411,477	589,849	126,427	830
57	1,088	290,494	41,301	20,223	11,992	42,704	3,534	10,577	10,243	26,593	55,150	37,662	40
58	50	200,847	47,216	25,800	12,218	29,848	1,391	9,977	18,985	31,383	79,077	45,687	230
59	191	71,080	17,400	17,400	12,461	18,800	384	12,063	12,500	12,500	19,700	29,800	
60	61	8,693	65,843	22,448	15,104	1,084,566	35	77,138	129,981	25,132	246,049	29,530	125
61	123	5,194	50,210	36,800	2,100	142,999	26	18,447	161,094	12,409	2,302	6,023	
62	122	6,061	26,378	18,800	112	108,524	112	108,524	112	108,524	8,481	2,762	
63	86	6,189	299,613	6,955	4,569	279,706	150	34,307	296,553	91,066	11,066	16,022	945
64	10	4,122	497,023	6,050	5,295	323,711	161	54,873	299,547	223,443	6,473	8,200	578
65	107	1,729	16,955	1,727	21	108,524	112	108,524	112	108,524	8,481	2,762	
66	190	723	20,895	1,810	9	67,439	10	765	33,729	1,761	2,928	1,729	
67	6	27,996	16,653	194	129,352	1,092	18	53,069	10,480	67,034	111,135	20,852	
68	1	36,667	16,273	183	328,931	1,023		145,159	9,961	106,806	171,763	35,001	
69	2,000	79,035	8,535,338	94,338	262,882	1,340,132		1,570,794	7,627,510	177,976	5,987,127	1,228,538	3,000
70	20,000	754,340	66,876,997	797,865	2,084,855	11,231,830		12,133,398	399,866,705	1,020,690	38,608,263	15,204,430	10,000
71		913	23,251	2,311	597,383	59,906	12	1,224,217	84,863	178	2,153,501	425,260	1
72		217	1,234	1,468	1,066	4,463	6	2,054	1,145	129	1,144	2,459	
73		9,146	20,889	67,225	25,123	103,802		75,796	54,450	4,615	33,790	94,323	
74		29	264	1,102,257	6,911	115,800		1,023,677	6,911	12	1,011,234	107,201	
75		25	535	320	1,247,905	14,103		2,006,902	61,517	10	5,428,759	167,201	
76		7	258	6	46,934	714		116,020	2,500	5	157,731	195,318	
77		107	16,955	1,727	21	108,524		112	108,524	112	108,524	8,481	
78		657	20,716	419	67,046	26,396	6	80,572	34,077	4	30,190	199,871	
79		2,622	36,885	4,272	828,204	417,415		1,281,970	969,962		458,478	2,539,792	1
80			9	2	2,612	411		65	16,408	17	284	134	
81											60,149	32,950	
82		407	59	55	206	592	13	64	554	54	190	87	
83	5,011	3,663,576	72,063	76,389	401,218	1,581,263	11,851	123,772	1,974,178	68,426	186,564	369,546	
84		1,229	1,853	2,136	76	433	6	27	450	34	54	29	
85		2,449,094	45,316	7,047	192,346	1,062,114	6,828	59,305	1,676,820	34,367	52,917	275,747	
86			26	15	4								

## SUPPLEMENT FOR CALIFORNIA.

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		San Joaquin.	San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.
<b>VALUE OF ALL CROPS</b>									
1	<b>Total</b> .....	dollars. 9,982,240	2,481,818	1,385,371	3,568,520	6,908,438	2,408,435	929,795	234,154
2	Cereals.....	dollars. 3,258,757	859,738	299,218	685,979	1,170,130	194,260	74,511	25,769
3	Other grains and seeds.....	dollars. 533,977	517,432	36,742	869,908	255,065	24,514	1,719	.....
4	Hay and forage.....	dollars. 1,765,286	681,888	361,296	771,922	1,587,494	327,572	410,532	180,874
5	Vegetables.....	dollars. 2,159,309	21,633	459,470	244,205	459,518	164,518	85,281	12,269
6	Fruits and nuts.....	dollars. 1,307,448	155,094	73,272	538,455	4,224,874	1,656,212	248,442	7,618
7	All other crops.....	dollars. 89,462	116,427	294,403	558,671	250,150	141,259	118,890	7,524
<b>SELECTED CROPS (acres and quantity)</b>									
8	<b>Cereals:</b>								
9	<b>Total</b> .....	acres. 180,516	82,627	17,136	39,332	9,937	4,655	5,967	1,614
10	Wheat.....	bushels. 4,644,655	1,136,277	490,604	970,762	230,366	119,951	80,143	27,768
11	Corn.....	acres. 2,547	1,579	11	1,240	911	1,136	163	1
12	Oats.....	acres. 57,628	21,615	104	25,970	9,791	22,284	4,655	40
13	Rye.....	acres. 23,208	1,139	16,125	9,494	247	2,282	723	526
14	Barley.....	bushels. 396,061	35,884	462,566	255,171	9,424	59,512	8,915	11,431
15	Millet.....	acres. 24,786	45,468	6	2,390	.....	.....	217	3,783
16	Buckwheat.....	bushels. 310,587	428,536	1,473	27,892	10,198	3,629	45,022	6,389
17	Sorghum.....	acres. 122,175	26,725	943	36,294	8,953	1,009	1,298	466
18	Rye.....	bushels. 3,827,187	667,718	20,001	683,605	200,893	34,226	21,521	7,362
19	Kafir corn and milo maize.....	acres. 1,843	1	.....	3	.....	.....	.....	2,286
20	Sorghum.....	bushels. 15,243	1	.....	.....	.....	.....	.....	2,538
21	Other grains.....	acres. 32,786	24	.....	.....	.....	.....	.....	.....
22	<b>Other grains:</b>								
23	Dry peas.....	acres. 362	85	186	12	.....	2	3	.....
24	Dry edible beans.....	bushels. 10,650	11,919	4,085	46	22,385	706	17	15
25	Other beans.....	bushels. 13,854	11,019	466	22,385	706	577	49	.....
26	Other pulses.....	bushels. 352,157	267,674	14,435	367,385	8,810	12,635	685	.....
27	<b>Hay and forage:</b>								
28	<b>Total</b> .....	acres. 104,916	55,900	19,060	56,070	83,553	18,637	35,341	20,622
29	All tame or cultivated grasses.....	acres. 174,448	70,228	28,982	70,146	127,066	25,244	46,578	22,234
30	Timothy alone.....	acres. 13,528	2,912	2,512	983	5,610	703	13,162	4,107
31	Timothy and clover mixed.....	acres. 62,373	4,801	2,744	4,035	17,405	1,745	8,935	2,363
32	Clover alone.....	acres. 70	.....	.....	.....	.....	.....	.....	.....
33	Alfalfa.....	acres. 8,859	989	11	535	3,073	255	6,698	1,125
34	Millet or Hungarian grass.....	acres. 36,599	2,658	62	2,303	11,486	1,060	16,574	1,712
35	Other tame or cultivated grasses.....	acres. 867	40	12	.....	.....	.....	.....	.....
36	Wild, salt, or prairie grasses.....	acres. 3,623	1,888	2,473	28	28	2	917	699
37	Grains cut green.....	acres. 3,975	2,103	3,638	267	2,606	36	1,077	922
38	Wild, salt, or prairie grasses.....	acres. 10,248	5,639	82	479	1,293	29	13,158	15,772
39	Grains cut green.....	acres. 12,286	1,638	27	352	29	.....	10,718	10,253
40	Coarse forage.....	acres. 80,851	50,954	16,465	47,692	76,399	16,609	8,525	683
41	Sweet potatoes and yams.....	acres. 119,632	62,650	25,181	64,690	109,051	22,676	7,836	720
42	All other vegetables.....	acres. 975	904	.....	.....	.....	.....	.....	.....
43	Sugar beets.....	acres. 593	1,736	.....	1,269	781	984	540	.....
44	<b>Special crops:</b>								
45	Potatoes.....	acres. 21,313	955	971	1,624	1,085	1,080	243	46
46	Sweet potatoes and yams.....	bushels. 4,279,305	105,277	109,879	151,532	105,617	128,977	27,756	5,016
47	All other vegetables.....	acres. 19	.....	.....	.....	.....	.....	.....	.....
48	Sugar beets.....	acres. 1,611	288	.....	28	.....	.....	.....	.....
49	All other vegetables.....	acres. 6,728	950	3,210	1,588	4,241	648	577	35
50	Sugar beets.....	acres. 1,322	254	.....	11,320	1,155	212	.....	.....
51	All other vegetables.....	acres. 1,429	5,963	.....	90,489	8,181	3,311	.....	.....
<b>FRUITS AND NUTS</b>									
52	<b>Orchard fruits:</b>								
53	<b>Total</b> .....	acres. 364,290	93,217	43,655	34,200	5,943,766	875,642	262,136	4,002
54	Apples.....	bushels. 395,638	117,126	10,130	89,858	5,807,595	2,366,244	387,946	3,768
55	Peaches and neectarines.....	acres. 5,253	25,006	18,634	2,744	1,025,841	647,136	35,449	3,398
56	Pears.....	acres. 7,919	56,047	31,317	39,511	115,633	2,990,965	47,536	4,895
57	Plums and prunes.....	acres. 185,073	10,614	572	9,600	437,677	11,865	38,500	157
58	Cherries.....	bushels. 162,337	16,625	643	614	574,514	10,873	110,712	63
59	Apricots.....	acres. 13,664	5,097	1,688	2,612	142,550	23,100	33,952	148
60	Peaches and neectarines.....	bushels. 13,046	8,869	1,923	5,148	206,214	33,456	64,903	414
61	Pears.....	bushels. 85,641	21,283	18,279	455	3,387,455	112,269	87,859	679
62	Plums and prunes.....	bushels. 102,991	15,236	14,686	4,822	3,824,070	109,959	159,696	262
63	Cherries.....	bushels. 21,599	762	671	659	175,022	17,698	2,788	117
64	Apricots.....	bushels. 15,669	228	636	198	26,368	15,866	2,311	64
65	Other fruits.....	acres. 53,007	20,123	3,694	15,512	783,585	63,021	839	.....
66	Apples.....	bushels. 27,474	25,929	1,269	29,237	958,163	95,042	2,141	.....
67	<b>Grapes:</b>								
68	<b>Total</b> .....	vines. 13,371,794	265,481	124,990	208,595	5,584,480	1,365,414	117,481	.....
69	Wines.....	vines. 175,879,915	1,967,110	698,440	590,480	41,129,250	7,315,935	643,463	.....
70	<b>Tropical fruits:</b>								
71	<b>Total</b> .....	acres. 26,070	4,253	7,249	99,023	19,023	3,379	11,988	.....
72	Figs.....	acres. 4,167	.....	36	858	968	223	2,936	.....
73	Oranges.....	acres. 222,983	43,217	40,263	31,500	12,850	12,850	53,270	.....
74	Lemons.....	acres. 1,650	1,794	25	4,246	1,905	330	55	.....
75	Other citrus fruits.....	bushels. 1,854	1,228	9	12,272	1,354	151	39	.....
76	Pineapples.....	acres. 630	75	1	986	1	749	.....	.....
77	Guavas.....	acres. 58	1,473	1	134,168	1,201	2,353	1	.....
78	Olives.....	acres. 19,098	1,597	4,258	7,187	13,965	9,616	2,831	.....
79	Other fruits.....	acres. 596,268	28,277	141,006	1,275,022	639,227	250,0	7,541	.....
80	Pomegranates.....	acres. 2	75	.....	716	57	.....	.....	.....
81	Other fruits.....	acres. 596,266	28,202	141,006	1,275,022	639,227	250,0	7,541	.....
82	<b>Small fruits:</b>								
83	<b>Total</b> .....	acres. 92	137	69	6	1,011	744	95	6
84	Strawberries.....	acres. 226,124	131,117	232,650	233,62	1,785,655	1,707,744	112,647	5,997
85	Raspberries.....	acres. 33	45	56	24	469	489	44	2
86	Blackberries and dewberries.....	acres. 93,367	61,895	210,850	125,766	989,600	1,384,784	51,972	2,623
87	Other small fruits.....	acres. 31	30	3	31	186	256	32	32
88	Strawberries.....	acres. 51,659	42,845	15,030	99,084	304,022	103,757	35,067	964
89	<b>Nuts:</b>								
90	<b>Total</b> .....	acres. 99,499	17,264	331	97,001	48,938	4,757	9,339	24
91	Almonds.....	acres. 97,624	9,281	94	259	25,862	240	8,656	.....
92	Pecans.....	acres. 547,000	46,900	426	3,150	1,086,186	1,850	43,210	.....
93	Walnuts (Persian or English).....	acres. 250	.....	.....	130	1,000	1,000	.....	.....
94	Walnuts (Persian or English).....	acres. 2,453	7,971	723	2,678	19,070	4,015	1,168	24
95	Walnuts (Persian or English).....	acres. 6,548	223,458	2,010	62,000	227,955	25,880	14,380	1,200

STATISTICS OF AGRICULTURE.

ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

	Siskiyou.	Solano.	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare.	Tuolumne.	Ventura.	Yolo.	Yuba.	Indian res.
1	1,426,394	3,969,966	4,451,378	3,198,860	1,749,422	1,228,250	269,345	5,353,994	297,496	6,751,759	3,274,549	700,136	
2	325,612	1,292,494	560,860	1,618,380	688,103	249,175	16,294	1,414,688	14,453	947,494	1,932,719	134,770	
3	9,972	163,090	809	17,411	150,486	756	604	17,311	183	2,711,809	112,847	2,675	
4	851,817	572,822	1,170,969	1,424,229	419,311	376,843	167,713	1,362,690	107,810	631,688	984,115	214,158	
5	130,817	85,637	185,749	181,282	57,808	57,808	192,030	29,883	65,998	65,978	125,375	38,083	
6	41,170	1,495,713	2,034,805	2,075,586	470,985	428,168	11,574	2,053,996	31,044	1,705,606	677,099	73,838	
7	70,306	20,953	1,008,116	53,050	63,149	127,278	18,549	285,763	44,121	902,824	341,320	237,734	
8	25,718	63,968	2,566	123,499	46,813	18,624	624	105,765	1,888	16,530	63,725	15,277	
9	385,030	1,681,736	74,727	1,869,524	757,266	282,278	11,019	1,700,563	18,031	643,944	1,492,605	148,512	
10	89	1,681	662	2,021	1,010	300	51	2,327	2,409	2,901	3,660	560	
11	3,163	933	44,331	12,297	22,272	2,033	1,831	61,737	156	15,998	5,121	5,645	
12	1,248	1,306	468	38,546	1,032	150	150	1,483	423	1,138	515	1,740	
13	89,076	25,711	20,136	688,542	56,823	28,138	5,297	25,242	7,447	27,901	13,368	31,534	
14	17,872	29,924	26,456	27,608	14,847	6,060	2,674	69,867	277	2,896	13,482	30,376	
15	224,512	391,753	1,445	328,121	176,759	84,049	5,973	170,459	5,373	67,366	237,303	74,227	
16	4,282	41,647	361	57,320	27,457	11,462	279	27,017	16,077	16,077	49,533	2,851	
17	60,118	1,263,357	8,795	828,628	401,720	177,518	1,210	653,481	5,053	309,682	1,236,854	36,806	
18	306	7	40	245	40	7	1	1	1	1	1	1	
19	3,653	1,560	250	35	35	25	35	25	35	25	35	25	
20	.....	4,448	352	.....	.....	.....	.....	10,987	.....	.....	21	.....	
21	.....	80,343	7,750	.....	.....	.....	.....	288,382	.....	.....	710	.....	
22	10	415	.....	5,175	.....	.....	.....	.....	.....	796	.....	.....	
23	1	2,633	373	2,766	14	4	21	21	21	28,744	1,835	590	
24	272	65,755	83	4,395	76,201	362	275	267	61	1,313,136	51,294	1,112	
25	57,978	39,690	82,351	68,422	32,744	24,343	5,350	81,995	8,824	61,548	45,859	17,010	
26	100,113	57,028	87,949	178,643	57,017	44,039	8,929	188,810	9,984	78,826	104,733	18,183	
27	40,202	5,327	7,397	44,431	8,586	9,002	3,105	38,337	649	2,005	20,809	2,362	
28	80,791	16,614	12,741	151,665	25,399	28,977	6,470	127,120	1,127	1,404	72,683	5,823	
29	1,278	2,566	50	169	40	266	50	266	12	12	30	70	
30	2,671	2,356	98	40	45	59	45	59	128	15	.....	.....	
31	32,792	.....	.....	1,949	1,949	1,283	1,949	1,283	.....	.....	.....	.....	
32	23,178	381	40	10	415	326	2,974	23	152	260	160	160	
33	168	69	231	10	415	326	138	100	110	50	630	176	
34	403	174	40	2,325	231	212	231	212	107	1,070	1,945	343	
35	22,492	2,145	5,565	40,917	7,388	8,387	1,113	37,656	145	1,932	16,496	4,788	
36	48,478	10,617	10,461	149,214	21,791	28,332	2,632	126,316	475	6,960	66,110	1,399	
37	40	.....	.....	14	.....	.....	.....	.....	.....	.....	.....	.....	
38	100	351	1,509	2,229	703	33	17	549	254	23	3,927	1,203	
39	4,549	636	1,842	3,882	1,003	272	40	263	264	44	5,233	698	
40	10,114	496	6,507	7,400	7,466	2,184	578	7,158	1,740	249	5,957	1,067	
41	12,913	9,976	1,976	1,976	1,841	690	1,630	9,976	1,630	400	740	400	
42	7,651	33,641	47,021	16,847	14,744	13,157	1,665	44,822	6,424	49,044	24,479	11,492	
43	6,831	41,352	65,919	19,633	20,612	13,218	1,763	52,032	6,799	70,133	31,106	10,128	
44	.....	29	1,566	727	1,948	1,271	11	1,271	11	269	101	26	
45	.....	1	1,481	2,262	1,986	.....	4	3,022	22	609	95	95	
46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
48	653	311	2,279	1,207	218	112	143	677	114	265	452	124	
49	76,218	42,416	161,507	17,502	23,419	13,048	20,467	57,028	18,808	30,124	45,403	7,698	
50	.....	.....	1,647	.....	.....	.....	.....	46	2	10	31	.....	
51	.....	.....	1,576	4,532	3,384	.....	.....	7,069	160	1,082	1,023	802	
52	673	650	954	1,621	303	292	192	232	232	588	1,086	235	
53	128	4	.....	27	.....	.....	.....	1,239	.....	14,333	5,714	.....	
54	243	16	.....	250	.....	.....	.....	9,447	.....	145,715	55,734	.....	
55	45,708	1,357,911	1,364,105	190,515	244,587	441,070	7,313	1,059,850	19,554	253,682	397,748	40,268	
56	31,735	1,747,916	1,784,301	111,304	469,829	478,915	8,908	1,531,573	22,254	618,490	617,448	81,984	
57	31,065	4,862	386,740	3,080	5,433	15,633	4,272	25,291	15,544	16,179	2,512	5,408	
58	19,321	8,857	818,725	1,693	7,906	16,296	1,635	28,243	16,358	3,854	1,131	8,134	
59	4,371	341,296	327,220	154,533	149,057	260,204	888	714,494	3,065	8,943	116,003	10,965	
60	3,779	474,414	105,396	80,383	287,894	276,049	873	622,373	2,063	16,630	219,660	5,517	
61	2,300	182,104	109,570	4,158	41,066	41,066	1,329	1,060,580	1,302	15,755	214,792	20,933	
62	2,164	319,303	128,421	1,894	32,754	26,468	463	4,948	2,004	3,770	71,897	25,993	
63	5,683	465,341	569,232	6,095	55,725	62,449	1,083	264,337	1,404	12,541	191,193	3,887	
64	4,405	714,730	696,633	3,482	136,682	133,024	1,329	1,302	1,302	18,755	214,792	20,933	
65	1,850	58,923	43,927	1,182	1,249	924	247	316	144	447	4,534	559	
66	1,478	58,519	58,710	4,496	367	321	205	141	118	15	802	169	
67	366	310,202	9,087	20,431	4,086	30,446	41	48,834	102	219,530	117,228	1,481	
68	363	180,011	10,374	14,122	3,443	26,128	33	56,042	120	602,978	101,396	3,482	
69	2,473	1,213,265	17,939,972	1,932,302	2,249,923	1,307,218	2,842	7,227,491	95,811	36,398	2,568,019	162,751	
70	44,507	16,276,990	137,566,285	18,595,445	21,925,360	16,416,690	57,950	95,037,424	580,502	506,892	26,109,399	2,632,510	
71	8	8,911	2,826	54,291	10,741	31,654	22	672,637	367	253,754	18,858	11,205	
72	6	4,598	3,550	37,676	4,676	3,176	20	15,750	237	618	10,476	3,159	
73	10	497,159	60,265	467,170	115,472	253	1,432	29,653	1,432	29,653	1,128,070	81,138	
74	.....	2,950	5,047	10,492	1,427	10,744	.....	801,151	114	131,681	2,371	1,263	
75	.....	2,757	4,299	8,087	3,333	7,975	.....	738,465	122	130,239	2,949	1,469	
76	.....	126	386	578	502	356	.....	41,069	6	93,018	383	169	
77	.....	163	233	262	354	656	.....	65,466	.....	347,894	4,222	1,482	
78	.....	1,221	10,865	5,458	6,018	17,373	.....	5,605	10	25,961	2,282	6,660	
79	.....	34,874	54,400	120,394	170,581	394,440	.....	80,921	.....	680,771	367,085	64,710	
80	.....	15	8	18	15	5	.....	8,114	.....	392	1,323	.....	
81	.....	.....	.....	1	14	4	.....	13,551	.....	909	612	.....	
82	31	12	1,471	161	16	49	15	119	19	31	11	19	
83	41,053												

TABLE 5.—SELECTED FARM EXPENSES AND RECEIPTS, BY COUNTIES: 1909.

	THE STATE.	Alameda	Alpine.	Amador.	Butte.	Calav- aras.	Colusa.	Contra Costa.	Del Norte.	Eldo- rado.
1 Labor..... Farms reporting.....	55,887	1,679	37	208	782	380	489	1,031	75	325
2 Cash expended..... dollars.....	42,205,915	1,137,758	33,513	117,281	694,096	74,436	474,376	897,938	49,684	68,885
3 Rent and board furnished..... dollars.....	7,770,284	198,459	11,784	35,276	127,711	31,297	104,120	214,673	13,977	13,247
4 Fertilizer..... Farms reporting.....	7,410	103		6	145	23	10	31	2	26
5 Amount expended..... dollars.....	2,143,993	17,723		128	24,935	649	266	1,879	77	467
6 Feed..... Farms reporting.....	49,372	1,622	17	222	706	404	310	832	35	407
7 Amount expended..... dollars.....	12,676,953	503,329	2,789	38,313	130,914	33,887	53,438	339,727	5,332	44,190
8 Receipts from sale of feedable crops..... dollars.....	21,329,528	1,073,258	5,979	69,583	379,080	48,520	984,361	1,180,286	5,577	28,163
	Fresno.	Glenn.	Humboldt.	Imperial.	Inyo.	Kern.	Kings.	Lake.	Lassen.	Los Angeles.
1 Labor..... Farms reporting.....	4,428	377	955	781	278	724	1,185	352	351	4,015
2 Cash expended..... dollars.....	3,110,864	448,080	456,289	688,993	134,455	853,726	897,245	103,159	212,111	3,683,385
3 Rent and board furnished..... dollars.....	418,302	127,560	126,372	157,535	41,960	199,375	205,374	26,918	73,496	417,297
4 Fertilizer..... Farms reporting.....	459	11	39	6	4	12	11			1,607
5 Amount expended..... dollars.....	34,491	906	1,680	681	221	1,439	790	40	63	669,152
6 Feed..... Farms reporting.....	5,817	314	959	413	202	566	827	237	234	4,484
7 Amount expended..... dollars.....	519,529	50,996	128,237	98,993	45,458	81,682	112,268	21,167	33,015	1,302,854
8 Receipts from sale of feedable crops..... dollars.....	365,183	494,437	169,348	652,326	104,759	409,635	565,538	72,333	126,700	536,646
	Madera.	Marin.	Mari- posa.	Mendo- cino.	Merced.	Modoc.	Mono.	Monterey.	Napa.	Nevada.
1 Labor..... Farms reporting.....	294	232	155	691	799	468	80		981	284
2 Cash expended..... dollars.....	377,901	275,960	37,929	389,696	908,711	285,265	70,100	1,039,739	312,190	70,041
3 Rent and board furnished..... dollars.....	103,765	117,943	13,419	74,696	285,975	84,514	21,174	247,348	101,941	16,240
4 Fertilizer..... Farms reporting.....	6	2	1	6	150	1				40
5 Amount expended..... dollars.....	608	35	60	866	3,609	5		1,232	1,290	932
6 Feed..... Farms reporting.....	207	392	226	684	765	277		729	997	434
7 Amount expended..... dollars.....	32,916	481,154	33,796	88,424	111,718	52,774	9,579	218,803	198,050	73,186
8 Receipts from sale of feedable crops..... dollars.....	305,661	179,560	17,935	156,907	641,204	179,562	15,525	1,130,320	135,568	28,226
	Orange.	Placer.	Plumas.	Riverside.	Sacra- mento.	San Benito.	San Bernardino.	San Diego.	San Francisco.	San Joaquin.
1 Labor..... Farms reporting.....	1,812	724	168	1,723	1,065	694	2,235	1,263	91	2,336
2 Cash expended..... dollars.....	1,169,619	424,937	110,465	1,147,783	1,459,169	439,399	1,706,117	723,419	153,718	2,031,854
3 Rent and board furnished..... dollars.....	90,949	80,292	39,789	115,255	297,881	73,995	106,609	157,446	55,962	442,703
4 Fertilizer..... Farms reporting.....	476	81	3	706	65		1,624	232		82
5 Amount expended..... dollars.....	71,118	7,786	260	323,568	15,274	191	708,516	62,429	6,031	10,657
6 Feed..... Farms reporting.....	1,394	518	123	1,215	935	543	1,832	1,282	94	1,692
7 Amount expended..... dollars.....	422,070	150,418	16,164	251,682	255,741	129,338	525,402	242,749	192,373	341,990
8 Receipts from sale of feedable crops..... dollars.....	477,490	67,223	72,061	934,278	145,101	479,570	302,493	538,051		2,361,896
	San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.	Siskiyou.	Solano.	Sonoma.
1 Labor..... Farms reporting.....	1,001	473	973	3,341	896	501	83	690	881	2,781
2 Cash expended..... dollars.....	703,251	543,604	1,149,349	2,207,733	405,056	211,790	73,167	330,372	1,080,682	1,534,669
3 Rent and board furnished..... dollars.....	186,936	206,897	206,623	252,223	88,387	56,161	24,389	108,527	191,609	285,291
4 Fertilizer..... Farms reporting.....	13	64	30	153	62	25	6	13	18	121
5 Amount expended..... dollars.....	1,027	13,450	8,133	16,743	3,537	1,085	140	571	1,142	12,585
6 Feed..... Farms reporting.....	750	341	650	2,971	1,022	632	68	610	657	3,711
7 Amount expended..... dollars.....	123,066	412,260	207,553	729,451	303,686	80,530	13,413	77,855	210,696	2,010,585
8 Receipts from sale of feedable crops..... dollars.....	322,663	274,031	476,577	331,596	112,972	113,088	38,537	215,777	747,296	301,619
	Stans- laus.	Sutter.	Tehama.	Trinity.	Tulare.	Tuol- umne.	Ventura.	Yolo.	Yuba.	Indian res.
1 Labor..... Farms reporting.....	1,323	658	504	105	2,397	259	1,061	947	242	
2 Cash expended..... dollars.....	728,623	546,917	509,523	47,666	1,753,226	69,654	1,504,630	998,724	282,781	
3 Rent and board furnished..... dollars.....	186,457	113,676	75,303	14,287	266,853	23,710	172,047	219,330	45,002	
4 Fertilizer..... Farms reporting.....	673	8	5	2	144	19	824	9	80	
5 Amount expended..... dollars.....	23,180	60	685	170	41,765	1,347	57,432	5,050	2,765	
6 Feed..... Farms reporting.....	1,170	467	581	137	1,968	285	1,254	515	308	
7 Amount expended..... dollars.....	172,531	79,443	95,201	9,941	335,430	39,478	367,748	83,352	52,572	
8 Receipts from sale of feedable crops..... dollars.....	629,532	402,157	104,600	49,257	456,061	55,682	297,845	999,968	43,821	

STATISTICS OF AGRICULTURE.

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910.

	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.	Colusa.	Contra Costa.	Del Norte.	Eldorado.
1	Inclosures reporting domestic animals.....	56,987	4,925	11	242	702	496	331	770	65
2	Value of domestic animals..... dollars.....	18,797,015	1,470,961	2,465	66,504	218,713	85,817	142,975	176,194	14,366
3	<b>Cattle:</b>									
4	Total number.....	46,176	2,938	7	303	683	1,056	479	736	79
5	Value..... dollars.....	1,604,717	114,183	196	7,879	24,553	23,863	13,864	24,809	1,743
6	Number of dairy cows.....	29,962	2,147	4	213	484	444	299	467	44
7	<b>Horses:</b>									
8	Total number.....	132,321	11,439	16	492	1,335	746	736	1,378	114
9	Value..... dollars.....	15,142,841	1,294,628	1,865	55,565	191,619	88,917	71,600	145,530	12,415
10	Number of mature horses.....	130,363	11,367	15	489	1,303	711	694	1,359	108
11	<b>Mules and asses and burros:</b>									
12	Total number.....	11,569	269	2	34	16	22	231	48	30
13	Value..... dollars.....	1,683,495	40,777	300	2,605	1,028	2,102	56,000	6,340	200
14	Number of mature mules.....	10,449	271	2	22	12	21	283	44	1
15	<b>Swine:</b>									
16	Total number.....	12,168	429	5	56	201	107	172	103	1
17	Value..... dollars.....	100,761	4,978	38	455	1,444	847	1,039	860	8
18	<b>Sheep and goats:</b>									
19	Total number.....	71,744	3,065	22	63	32	32	131	92	.....
20	Value..... dollars.....	265,201	15,895	66	.....	23	88	472	565	.....

	Fresno.	Glenn.	Humboldt.	Imperial.	Inyo.	Kern.	Kings.	Lake.	Lassen.	Los Angeles.
1	Inclosures reporting domestic animals.....	2,102	256	888	367	286	988	491	200	233
2	Value of domestic animals..... dollars.....	654,329	103,839	216,293	251,464	191,697	771,144	152,699	48,961	129,221
3	<b>Cattle:</b>									
4	Total number.....	1,428	313	1,363	244	315	820	243	395	313
5	Value..... dollars.....	50,855	10,311	42,310	10,340	9,235	26,134	10,338	9,092	8,190
6	Number of dairy cows.....	1,149	238	715	174	136	453	183	210	185
7	<b>Horses:</b>									
8	Total number.....	4,325	694	1,549	1,278	902	3,565	1,005	335	743
9	Value..... dollars.....	500,972	75,719	165,044	148,067	79,659	428,208	128,955	36,085	61,885
10	Number of mature horses.....	4,429	673	1,527	1,231	834	3,400	1,000	353	677
11	<b>Mules and asses and burros:</b>									
12	Total number.....	674	115	20	559	761	1,482	24	24	26
13	Value..... dollars.....	98,960	17,580	1,200	88,785	44,612	290,428	11,120	2,180	1,440
14	Number of mature mules.....	632	108	10	541	622	1,406	16	22	8
15	<b>Swine:</b>									
16	Total number.....	341	43	1,132	878	140	108	124	193	87
17	Value..... dollars.....	3,280	212	6,544	5,684	1,073	1,374	1,652	706	634
18	<b>Sheep and goats:</b>									
19	Total number.....	58	5	165	435	16,111	7,597	5	34	18,064
20	Value..... dollars.....	261	26	905	1,558	57,107	25,000	24	198	57,072

	Madera.	Marin.	Mariposa.	Mendocino.	Merced.	Modoc.	Mono.	Monterey.	Napa.	Nevada.
1	Inclosures reporting domestic animals.....	223	434	49	632	235	277	34	578	460
2	Value of domestic animals..... dollars.....	63,219	187,204	25,246	150,714	116,025	87,742	20,663	200,934	97,902
3	<b>Cattle:</b>									
4	Total number.....	155	361	42	806	130	433	65	595	251
5	Value..... dollars.....	5,872	12,569	1,091	22,275	5,246	12,043	1,698	13,975	8,041
6	Number of dairy cows.....	119	265	39	522	101	257	30	278	294
7	<b>Horses:</b>									
8	Total number.....	436	1,227	256	1,280	520	811	170	1,535	899
9	Value..... dollars.....	42,816	132,870	21,635	123,888	59,239	73,110	16,215	174,044	87,505
10	Number of mature horses.....	429	1,220	242	1,259	505	750	155	1,483	894
11	<b>Mules and asses and burros:</b>									
12	Total number.....	76	81	75	37	30	21	16	112	14
13	Value..... dollars.....	14,312	11,514	2,520	2,260	5,295	1,707	2,759	12,525	1,735
14	Number of mature mules.....	66	76	27	24	25	5	16	106	10
15	<b>Swine:</b>									
16	Total number.....	30	1	.....	348	69	156	.....	53	38
17	Value..... dollars.....	218	2	.....	2,264	495	882	.....	299	322
18	<b>Sheep and goats:</b>									
19	Total number.....	1	26	.....	4	11,028	.....	.....	7	91
20	Value..... dollars.....	1	249	.....	17	44,759	.....	.....	101	179

	Orange.	Placer.	Plumas.	Riverside.	Sacramento.	San Benito.	San Bernardino.	San Diego.	San Francisco.	San Joaquin.
1	Inclosures reporting domestic animals.....	1,364	629	145	1,519	1,567	181	1,732	1,614	3,470
2	Value of domestic animals..... dollars.....	296,681	210,454	69,174	398,921	489,665	47,174	508,091	537,729	2,964,519
3	<b>Cattle:</b>									
4	Total number.....	885	1,076	162	1,163	616	148	1,671	1,210	2,280
5	Value..... dollars.....	38,441	29,391	5,702	41,312	24,559	4,419	51,926	45,829	82,869
6	Number of dairy cows.....	787	475	87	834	206	93	875	936	1,671
7	<b>Horses:</b>									
8	Total number.....	1,923	1,442	451	2,815	3,917	407	2,977	3,303	2,610
9	Value..... dollars.....	224,502	158,613	62,145	318,158	455,185	42,440	343,254	415,650	2,706,054
10	Number of mature horses.....	1,883	1,397	442	2,723	3,808	384	2,940	3,236	2,114
11	<b>Mules and asses and burros:</b>									
12	Total number.....	179	162	140	249	74	4	757	434	320
13	Value..... dollars.....	31,215	20,123	600	31,295	8,215	165	103,895	75,193	46,540
14	Number of mature mules.....	173	143	7	198	69	2	615	385	276
15	<b>Swine:</b>									
16	Total number.....	90	282	79	131	164	20	409	15	1,243
17	Value..... dollars.....	795	2,186	635	1,091	1,418	160	4,862	129	16,362
18	<b>Sheep and goats:</b>									
19	Total number.....	649	78	6	2,833	80	.....	1,324	118	2,924
20	Value..... dollars.....	1,728	141	32	7,065	307	.....	4,174	928	13,274

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910—Continued.

	San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.	Siskiyou.	Solano.	Sonoma.
1 Inclosures reporting domestic animals.....	663	806	1,270	2,654	800	446	132	680	663	1,222
2 Value of domestic animals.....dollars..	174,961	101,880	414,662	706,416	208,894	148,438	46,553	182,299	145,135	244,023
3 Cattle:										
4 Total number.....	1,144	913	1,010	1,105	536	948	180	745	679	959
5 Value.....dollars..	29,627	30,380	35,813	45,933	19,149	22,641	5,770	22,422	21,886	28,440
6 Number of dairy cows.....	585	601	842	834	440	524	105	414	475	670
7 Horses:										
8 Total number.....	1,301	1,424	2,501	5,156	1,643	1,774	312	1,393	1,108	2,166
9 Value.....dollars..	145,159	154,470	365,561	650,312	182,289	118,140	34,800	147,453	120,906	215,959
10 Number of mature horses.....	1,236	1,400	2,732	5,994	1,511	1,219	307	1,371	1,086	2,148
11 Mules and asses and burros:										
12 Total number.....	18	23	73	66	66	60	55	130	19	23
13 Value.....dollars..	1,475	1,755	11,160	7,727	6,595	3,630	5,610	10,750	1,990	2,140
14 Number of mature mules.....	14	20	54	56	56	34	51	119	18	19
15 Swine:										
16 Total number.....	52	964	40	125	65	486	35	229	24	164
17 Value.....dollars..	359	4,774	329	1,338	506	2,797	295	1,536	215	1,389
18 Sheep and goats:										
19 Total number.....	18	114	61	116	79	229	42	28	31	27
20 Value.....dollars..	341	501	799	906	355	1,230	78	138	138	85

	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare.	Tuolumne.	Ventura.	Yolo.	Yuba.
1 Inclosures reporting domestic animals.....	685	189	256	133	856	459	675	515	109
2 Value of domestic animals.....dollars..	223,751	63,484	71,733	43,066	264,067	115,081	189,457	122,077	58,362
3 Cattle:									
4 Total number.....	653	387	273	508	831	740	576	371	179
5 Value.....dollars..	28,323	12,311	8,694	11,326	31,590	19,388	20,213	14,066	5,274
6 Number of dairy cows.....	483	294	172	110	543	350	404	281	102
7 Horses:									
8 Total number.....	1,454	283	568	277	1,765	923	1,374	834	386
9 Value.....dollars..	181,640	42,768	61,630	28,490	208,068	84,274	151,039	100,841	51,105
10 Number of mature horses.....	1,423	355	546	267	1,724	913	1,326	803	376
11 Mules and asses and burros:									
12 Total number.....	99	19	6	48	137	108	93	30	15
13 Value.....dollars..	12,800	2,750	890	2,410	23,620	7,465	15,629	5,345	1,854
14 Number of mature mules.....	91	18	4	31	119	87	52	24	14
15 Swine:									
16 Total number.....	157	83	35	106	100	319	280	195	47
17 Value.....dollars..	985	566	180	840	806	2,944	4,108	1,715	348
18 Sheep and goats:									
19 Total number.....	3	1,903	12	.....	16	475	41	43	2
20 Value.....dollars..	3	5,109	39	.....	83	1,110	177	170	11

## CHAPTER 4.

### STATISTICS OF IRRIGATION FOR THE STATE AND ITS COUNTIES.

**Introduction.**—This chapter presents the larger part of the statistics of irrigation for California obtained in connection with the Thirteenth Census. The statistics of the number of farms and acreage irrigated, cost of operation and maintenance, and irrigated crops are for the calendar year 1909; those of irrigation works, cost of enterprises, acreage enterprises were capable of irrigating in 1910, and acreage included in projects are of the date July 1, 1910.

These statistics have been collected under the law of February 25, 1910, which contained the following clause relating to irrigation:

Inquiries shall also be made as to the location and character of irrigation enterprises, quantity of land irrigated in the arid region of the United States and in each state and county in that section under state and Federal laws; the price at which these lands, including water rights, are obtainable; the character and value of crops produced on irrigated lands, the amount of water used per acre for said irrigation and whether it was obtainable from national, state, or private works; the location of the various projects and methods of construction, with facts as to their physical condition; the amount of capital invested in such irrigation works.

The information called for by this law which could be supplied by farm operators was obtained on supplemental schedules by the regular census enumerators as a part of the agricultural census. The remaining data, which were supplied by the owners or officials of irrigation enterprises, were obtained on special schedules by special agents. The data relating to number of farms irrigated and irrigated crops are taken from the supplemental schedules, while all data relating to acreage irrigated and to irrigation works and their construction and operation are taken from the special schedules.

In accordance with the law, the data collected have been classified primarily on the basis of the state and Federal laws by virtue of which the land was brought under irrigation. The results are presented in detail at the end of this chapter and summarized in text tables.

Such of the terms used as are not self-explanatory are defined below.

**Farms irrigated.**—The number of "farms irrigated" is the number of farms on which irrigation is practiced and is equivalent to the term "number of irrigators" used in previous census reports.

**Types of enterprise.**—The types of enterprise under which the lands irrigated in 1909 are classified are as follows:

*United States Reclamation Service enterprises*, which operate under the Federal law of June 17, 1902, providing for the con-

struction of irrigation works with the receipts from the sale of public lands.

*United States Indian Service enterprises*, which operate under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

*Carey Act enterprises*, which operate under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

*Irrigation districts*, which are public corporations that operate under state laws providing for their organization and management, and empowering them to issue bonds and levy and collect taxes with the object of obtaining funds for the purchase or construction, and for the operation and maintenance of irrigation works.

*Cooperative enterprises*, which are controlled by the water users under some organized form of cooperation. The most common form of organization is the stock company, the stock of which is owned by the water users.

*Commercial enterprises*, which supply water for compensation to parties who own no interest in the works. Persons obtaining water from such enterprises are usually required to pay for the right to receive water, and to pay, in addition, annual charges based in some instances on the acreage irrigated and in others on the quantity of water received.

*Individual and partnership enterprises*, which belong to individual farmers or to neighboring farmers, who control them without formal organization. It is not always possible to distinguish between partnership and cooperative enterprises, but as the difference is slight this is unimportant.

**Source of water supply.**—Of the terms used in the classification according to source of water supply, none requires explanation except "reservoirs." The only reservoirs which are treated as independent sources of supply are those filled by collecting storm water or from watercourses that are ordinarily dry. When reservoirs are filled from streams or wells, the primary source is considered the source of supply.

**Acre-foot.**—The "acre-foot," used to express the capacity of reservoirs, is the volume of water required to cover 1 acre to a depth of 1 foot, or 43,560 cubic feet.

**Cost.**—The cost of irrigation enterprises is that given by the owners. For the larger works the cost given is taken, in most cases, from the books of account and represents the actual cost. In the case of most of the private and partnership and many of the cooperative enterprises, however, the works were built by their owners without records of money or labor expended, and the cost given represents the owners' estimates. The cost reported for 1910 includes the cost of construction and of acquiring rights. The latter usually consists of filing fees only. In some instances it includes the purchase price of rights, but these cases are so rare that they are unimportant. The cost reported for 1899 is designated "cost of construction," but probably includes the cost of acquiring rights, as in 1910. The average cost per acre is based on the acreage enterprises were capable of irrigating in 1910 and the cost to July 1, 1910.



## FARMS AND ACREAGE IRRIGATED.

California is traversed by the Sierra Nevada Mountains and the Coast Range, both of which are parallel to the coast in a general way. The greater part of the agricultural land of the state lies in the great central valley between these ranges and in the portion of the state south of the Kern River Mountains. In most sections of the state there is usually sufficient rainfall for the maturing of some crops, although there are some sections where no crops can be grown without irrigation. The normal annual precipitation ranges from about 2 inches in the Imperial Valley, in the southeastern part of the state, to about 60 inches along the coast in the northwestern part.

Irrigation is practiced to some extent throughout the state, but the larger part of the irrigated land lies in the southern part of the great central valley and in

the southern part of the state. The location of the irrigated lands of the state is indicated in a general way by the maps on the opposite page, in which the different counties are graphically classified with reference to the percentage which the irrigated land forms of the total land area and the percentage which irrigated farms represent of all farms.

The following table shows for the state as a whole the number of farms and acreage irrigated in 1909, in comparison with the total number of farms, the total land area, the total land in farms, and the total acreage of improved land in farms in 1910, together with the areas not yet irrigated for which water was available in 1910 and the acreage included in projects completed or under way in 1910. Comparative data for the census of 1900 are included as far as possible.

	CENSUS OF—		INCREASE. <sup>1</sup>	
	1910	1900	AMOUNT.	Per cent.
Number of all farms.....	<sup>2</sup> 88, 197	<sup>3</sup> 72, 542	15, 655	21. 6
Approximate land area of the state..... acres..	99, 617, 280	99, 617, 280		
Land in farms..... acres..	<sup>2</sup> 27, 931, 444	<sup>3</sup> 28, 828, 951	- 897, 507	- 3. 1
Improved land in farms..... acres..	<sup>2</sup> 11, 389, 894	<sup>3</sup> 11, 958, 837	- 568, 943	- 4. 8
Number of farms irrigated.....	<sup>4</sup> 39, 352	<sup>5</sup> 25, 675	13, 677	53. 3
Acreage irrigated.....	<sup>4</sup> 2, 664, 104	<sup>5</sup> 1, 446, 114	1, 217, 990	84. 2
Acreage enterprises were capable of irrigating.....	<sup>6</sup> 3, 619, 378	( <sup>7</sup> )		
Acreage included in projects.....	<sup>6</sup> 5, 490, 360	( <sup>7</sup> )		
Percentage irrigated of—				
Number of all farms.....	44. 6	35. 4	9. 2	
Approximate land area of the state.....	2. 7	1. 5	1. 2	
Land in farms.....	9. 5	5. 0	4. 5	
Improved land in farms.....	23. 4	12. 1	11. 3	
Excess of acreage enterprises were capable of irrigating in 1910 over acreage irrigated in 1909.....	955, 274			
Excess of acreage included in projects over acreage irrigated in 1909.....	2, 826, 256			

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> April 15.

<sup>3</sup> June 1.

<sup>4</sup> In 1909.

<sup>5</sup> In 1899.

<sup>6</sup> July 1.

<sup>7</sup> Not reported.

**Number of farms irrigated.**—The number of farms irrigated is made up of the number reported on the supplemental schedules by the regular enumerators, together with an estimate of the number of farms covered by enterprises which were reported by special agents but not by the regular enumerators. This estimate was based upon the average acreage irrigated per farm as shown by the supplemental schedules.

According to the figures presented in the table, irrigation was practiced on somewhat more than two-fifths (44.6 per cent) of the farms in the state in 1909. In 1899 the proportion of irrigated farms was 35.4 per cent and in 1889 it was only 26 per cent. Thus in both decades the number of irrigated farms increased at a higher rate than the number of unirrigated farms.

In 24 of the 58 counties in the state more than half the farms are irrigated, in 2 the proportion is between 40 and 50 per cent, in 5 it is between 30 and 40

per cent, in 7 between 20 and 30 per cent, and in 8 between 10 and 20 per cent, while in 11 it is less than 10 per cent. No irrigation was reported from Del Norte County, in the extreme northwestern part of the state.

In general the counties in which the percentage of farms irrigated is highest are in the south central and southeastern parts of the state, where the climate is so dry as to make irrigation almost essential to the successful growing of crops. Along the coast in the northern part of the state and in the region surrounding San Francisco Bay irrigation is less generally practiced. Imperial County has the largest percentage of farms irrigated, 94.6, and Inyo the next largest, 93.2 per cent.

From 1899 to 1909 the increase in the number of farms irrigated was 9.2 per cent for the state as a whole. Of the 53 irrigated counties which did not change in

area during that period, 28 show increases, varying greatly in degree, and 15 decreases, while for 10 comparative figures are not available. Increases are reported for the combined territory of Fresno and Kings Counties and for the territory which constituted San Diego County in 1900 and Imperial and San Diego Counties in 1910.

**Acreage irrigated.**—The acreage irrigated is taken from the special schedules filled out by agents from information secured from owners or officials of irrigation enterprises and, in some instances, from public records. The acreage thus obtained is considerably larger than the irrigated acreage reported on the supplemental schedules filled out by the farm enumerators. This difference is due in a measure to the fact that the special agents found enterprises which were not reported on any schedules returned by the enumerators, indicating that the acreage reported on the supplemental schedules is under the true figure. There is, however, a natural tendency for the officials of irrigation enterprises to report as irrigated the entire area of farms of which only a part was irrigated. Furthermore, some farms are so situated as to receive water from more than one enterprise and may be reported as irrigated by each, which results in duplication. Owing to the two causes last enumerated, it is probable that the acreage reported irrigated is somewhat excessive, but the extent of this excess can not be determined. It is believed, however, to be less than 10 per cent for the state of California.

The total acreage reported as irrigated in 1909 was 2,664,104 acres, as against 1,446,114 acres in 1899 and 1,004,233 acres in 1889. The percentage of increase from 1889 to 1899 was 44, and that from 1899 to 1909, 84.2. The absolute increase during the latter decade was nearly three times as great as that during the former, amounting to 1,217,990 acres, as against 441,881 acres.

The percentage of increase between 1899 and 1909 in the acreage irrigated was considerably higher than that in the number of farms irrigated, the acreage irrigated per farm increasing from 56.3 in 1899 to 67.7 in 1909. As a decrease from 397.4 acres to 316.7 acres in the average size of the farms of the state was reported for the same period, it is probable that farmers are irrigating larger parts of their holdings than formerly. It is not possible, however, to determine how far this is actually the case, as the higher average size shown for 1900 was due to some extent to the inclusion as farm land in 1900 of some tracts of land used for grazing which were not reported as farm land in 1910.

The percentage which irrigated land formed of the total land area of the state increased from 1.5 in 1899 to 2.7 in 1909, and the percentage which such land formed of all land in farms increased from 5 in 1899 to 9.5 in 1909, while the ratio between the irrigated acre-

age and the total improved land in farms increased from 12.1 per cent to 23.4 per cent.

In both 1909 and 1899 the county for which the largest area of irrigated land was reported was Fresno, with an irrigated acreage of 402,318 and 283,737 at the respective censuses. In Tulare County 265,404 acres were irrigated in 1909, and in 5 counties besides the 2 named the area of irrigated lands exceeded 100,000 acres, while in 10 counties the irrigated area was between 50,000 and 100,000 acres.

The county in which irrigated land formed the highest percentage of the total land area in 1909 was Kings, where 25.7 per cent of the land was irrigated.

**Acreage included in projects.**—The foregoing table shows that in 1910 existing enterprises were ready to supply water to 3,619,378 acres, or 955,274 acres more than were irrigated in 1909. It is probable that, after allowance is made for an increase in the area irrigated in 1910 over that in 1909, there remained at the close of 1910 under ditch but not irrigated considerably more than half as much land as was brought under irrigation in the 10 years from 1899 to 1909. The acreage included in projects exceeds the acreage irrigated in 1909 by 2,826,256 acres, which is more than twice the acreage brought under irrigation in the last decade and somewhat greater than the total area irrigated in 1909. This acreage represents the area which will be available for the extension of irrigation in the next few years upon the completion of projects now under way and without new undertakings. It indicates in a general way the area available for settlement, although much of this unirrigated land is in farms already settled.

**Acreage irrigated, classified by character of enterprise.**—The following table gives the distribution of the acreage irrigated in 1909 according to the character of the enterprise controlling the irrigation works. There are no Carey Act enterprises in California.

CHARACTER OF ENTERPRISE.	ACREAGE IRRIGATED IN 1909.	
	AMOUNT.	Per cent distribution.
All classes.....	2,664,104	100.0
U. S. Reclamation Service.....	400	( <sup>1</sup> )
U. S. Indian Service.....	3,490	0.1
Irrigation districts.....	173,793	6.5
Cooperative enterprises.....	779,029	29.2
Commercial enterprises.....	746,255	28.0
Individual and partnership enterprises.....	961,136	36.1

<sup>1</sup> Less than one-tenth of 1 per cent.

Irrigation districts, cooperative enterprises, and individual and partnership enterprises, which together supplied about 72 per cent of the acreage irrigated in 1909, are all controlled by the water users. Commercial enterprises, the only other class in the state that irrigated any extensive acreage in 1909, supplied 28 per cent of the total irrigated area.

**Acreage irrigated, classified by source of water supply.**—The following table shows the distribution of the acreage irrigated in 1909 according to the source of water supply.

As in other states, streams are the principal source of supply of water for irrigating, but in California wells supply much more land than in any other state. Much land receives water from both sources, but most of this is credited to streams.

SOURCE OF WATER SUPPLY.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All sources.....	2,664,104	100.0
Streams.....	2,246,722	84.3
Lakes.....	15,470	0.7
Wells.....	350,723	13.2
Springs.....	31,779	1.2
Reservoirs.....	16,410	0.6

**IRRIGATION WORKS.**

The table following summarizes the data collected relating to works for supplying water for irrigation in 1910. As none of the items reported in 1910 were reported in 1900 for all irrigation works in the state, there is no opportunity for comparisons between the two censuses.

Independent enterprises.....	number..	13,970
Ditches, total length.....	miles..	21,128
Main ditches.....	number..	8,590
Length.....	miles..	12,620
Capacity.....	cu. ft. per second..	89,597
Lateral ditches.....	number..	6,143
Length.....	miles..	8,509
Reservoirs.....	number..	1,583
Capacity.....	acre-feet..	743,269
Flowing wells.....	number..	2,361
Capacity.....	gals. per minute..	477,343
Pumped wells.....	number..	10,724
Capacity.....	gals. per minute..	4,119,597
Pumping plants.....	number..	9,297
Engine capacity.....	horsepower..	128,143
Pump capacity.....	gals. per minute..	5,276,298

Assuming that the enterprises in operation in 1909 were identical with those reported in 1910, the average acreage irrigated per enterprise in 1909 was 190.7, and the acreage irrigated per mile of main ditch was 211.1.

This table and the preceding one relating to source of supply show the extent to which underground water is utilized for irrigation in California. The flowing wells, of which there were 2,361, with a total capacity of 477,343 gallons per minute, irrigated

74,128 acres in 1909. The great majority of these wells are in southern California and the San Joaquin Valley, 93.7 per cent of the total number reported and 96.9 per cent of the land thus irrigated being in Kern, Kings, Los Angeles, Orange, Riverside, San Bernardino, Santa Clara, and Tulare Counties. Of the 10,724 pumped wells reported, 5,248 were in the counties named and 4,503 in Fresno, Merced, Monterey, Sacramento, San Benito, San Diego, San Joaquin, and Ventura Counties. The pumped wells in these two groups of counties irrigated 258,687 of the 276,595 acres irrigated by such wells in the entire state.

Pumping from lakes and streams has also been practiced extensively in many sections of the state, 32,539 acres having been irrigated in this way in 1909. Water pumped from all sources, including lakes, streams, and wells, supplied an area of 309,134 acres. It should be noted that this figure represents only the acreage which received water wholly or mainly from pumps, and hence does not take into account large areas where in addition to a flow from gravity ditches a supplemental supply from pumped wells is received in times of temporary scarcity or drought. The pumping plants and wells so used are included in the totals given in the table, but the acreage thus irrigated is credited to the source of supply upon which the greater dependence is placed.

**COST OF CONSTRUCTION, OPERATION, AND MAINTENANCE.**

The table following shows the total cost of irrigation enterprises up to July 1, 1910, including construction of works and acquisition of rights but not operation and maintenance, with the average cost per acre, based on the acreage the enterprises were capable of irrigating in 1910; the estimated final cost of enterprises completed and enterprises now under construction, with the average cost per acre, based on the acreage included in projects; and the total cost and average cost per acre of operation and maintenance in 1909. Similar data from the census of 1900, so far as available, are included for comparison.

The cost of operation and maintenance is not reported for individual and partnership enterprises, for the reason that farmers whose land is irrigated by such systems generally clean their own ditches at odd times without keeping any record of the time spent. In the case of larger enterprises this cost represents

a cash outlay by the farmers, while in the case of many of the smaller cooperative enterprises the cost is worked out by the farmers.

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Cost of irrigation enterprises.....	\$72,580,030	\$19,181,610	\$53,398,420	278.4
Average per acre.....	\$230.05	*\$13.27	(*)	.....
Estimated final cost of existing enterprises.....	\$84,392,344	(*)	.....	.....
Average per acre included in projects.....	\$15.37	(*)	.....	.....
Operation and maintenance:				
Acreage for which cost is reported.....	1,368,247	(*)	.....	.....
Total cost reported.....	\$2,109,431	(*)	.....	.....
Average per acre.....	\$1.54	(*)	.....	.....

1 Reported July 1.  
 2 Cost of construction of systems operated in 1899, exclusive of those on Indian reservations.  
 3 Based on acreage enterprises were capable of irrigating in 1910.  
 4 Based on acreage irrigated in 1899, exclusive of 242 acres on Indian reservations.  
 5 Figures not comparable. (See explanation in text.)  
 \* Not reported.  
 † For 1909.

The cost of irrigation systems shows the largest increase of any item included in the census of irrigation, 278.4 per cent. In the average cost per acre there was also a considerable increase. The average cost per acre shown for 1910 is based on the acreage to which enterprises were capable of supplying water in that year, but since the corresponding acreage for 1900 was not reported, the figure for average cost at the earlier census is based on the acreage irrigated in 1899, and consequently is not comparable with the figure for the last census. If computed on the basis of the acreage irrigated in 1909, the average cost per acre in 1910 would be \$27.24, representing an increase of 105.3 per cent over the figure for the average cost at the census of 1900. The largely increased cost of irrigation enterprises is due in a considerable measure to the expensive equipment installed to secure a water supply and protect it from loss by seepage and evaporation, in sections where water is scarce and crop values are high. Furthermore, a number of large enterprises are under construction upon which considerable expenditures have been made, but which are

irrigating little land as yet, making the average cost reported higher than the true average. The average based on the estimated final cost and the acreage included in projects, \$15.37 per acre, probably more truly represents the average cost per acre of irrigation in California.

The county showing the lowest average cost per acre enterprises were capable of irrigating in 1910, \$1.29, is Mono, where much of the irrigated land consists of flooded pastures. The highest average cost per acre, \$368.40, is in Nevada County, where the unusual cost is due to the fact that many of the ditches now used for irrigation were originally constructed at heavy expense for mining purposes.

The acreage for which cost of operation and maintenance in 1909 was reported forms 51.4 per cent of the total acreage reported as irrigated in 1909, and 80.3 per cent of the acreage reported as irrigated by other than individual and partnership enterprises. The cost reported can be said, therefore, to represent fairly the average annual expense for all but individual and partnership enterprises.

## CROPS.

As previously stated, the data relating to irrigated crops are taken from supplemental schedules filled out by the regular census enumerators. Since the special agents found enterprises which the enumerators had not reported, it is evident that the information relating to irrigated crops is incomplete to some extent. It shows, however, the relative importance of the dif-

ferent irrigated crops, and is sufficiently complete to afford reliable averages of yields and for comparison with totals for the state.

The following table shows the acreage, yield, and value of the principal crops reported as grown under irrigation in 1909, in comparison with totals for the same crops reported for the entire state:

CROP.	ACREAGE.			YIELD.			VALUE.	
	Total for state.	Irrigated.		Unit.	Total for state.	On irrigated land.	Total for state.	For irrigated land.
		Amount.	Per cent of total.					
<b>Cereals:</b>								
Corn.....	51,935	17,802	34.3	Bushels.....	1,273,901	491,973	\$1,077,411	\$440,312
Oats.....	192,158	5,903	3.1	Bushels.....	4,143,688	295,727	2,637,047	137,169
Wheat.....	478,217	22,603	4.7	Bushels.....	5,203,206	498,706	6,323,983	429,668
Barley.....	1,186,158	77,786	6.6	Bushels.....	26,441,674	1,844,971	17,188,568	1,007,541
Rye.....	7,027	107	1.5	Bushels.....	70,683	1,265	65,846	1,133
<b>Other grains and seeds:</b>								
Alfalfa seed.....	8,761	2,570	29.3	Bushels.....	23,791	5,011	200,823	53,829
Dry edible beans.....	157,887	11,384	7.2	Bushels.....	3,328,218	244,624	6,255,457	378,770
Dry peas.....	2,869	290	9.8	Bushels.....	57,468	9,902	101,016	15,531
<b>Hay and forage:</b>								
Timothy alone.....	13,725	8,026	58.5	Tons.....	20,001	11,236	185,579	90,063
Timothy and clover mixed.....	46,661	20,880	44.7	Tons.....	73,183	34,177	629,575	316,965
Clover alone.....	8,519	1,176	13.8	Tons.....	29,380	2,689	215,269	49,429
Alfalfa.....	484,134	366,692	75.7	Tons.....	1,639,707	1,280,105	13,088,530	9,983,370
Other tame or cultivated grasses <sup>1</sup> .....	32,556	5,504	7.0	Tons.....	122,103	10,456	1,280,911	112,997
Wild, salt, or prairie grasses.....	255,127	153,672	60.7	Tons.....	281,033	189,964	2,028,494	1,194,716
Grains cut green.....	1,694,745	101,187	6.3	Tons.....	2,019,526	146,013	24,056,727	1,532,681
Coarse forage.....	25,868	7,593	29.4	Tons.....	66,611	19,151	438,065	122,442
<b>Sundry crops:</b>								
Potatoes.....	67,688	32,725	48.4	Bushels.....	9,824,005	5,198,006	4,879,449	2,440,631
Sugar beets.....	78,967	14,637	18.6	Tons.....	848,101	371,494	4,320,532	839,561
Orchard fruits.....	( <sup>2</sup> )	73,491	.....	.....	.....	.....	18,358,807	6,307,138
Small fruits.....	9,687	6,876	71.0	.....	.....	.....	1,789,214	1,555,808
Tropical fruits.....	( <sup>2</sup> )	98,969	.....	.....	.....	.....	16,751,624	15,269,911
Nuts.....	( <sup>2</sup> )	22,429	.....	.....	.....	.....	2,869,845	1,637,741
Grapes.....	( <sup>2</sup> )	74,934	.....	.....	.....	.....	10,846,812	3,038,435

<sup>1</sup> Includes millet or Hungarian grass.<sup>2</sup> Agriculture returns show number of trees and vines, and not acreage.

Although considerable quantities of other crops are grown both on irrigated and unirrigated land, the leading crops of the state, as well as the leading crops grown under irrigation, are represented in the table. In the reports of the agricultural census the acreages of seed crops are not usually given, but since the growing of alfalfa seed is coming to be an important industry in the irrigated sections of the country, statistics for this crop are given in the preceding table.

**Acreage.**—Of the entire acreage of the crops for which totals are presented in the table, slightly less than one-fifth is irrigated, the proportion irrigated varying widely for the different crops.

The cereals are very generally grown without irrigation, only 6.5 per cent of the total acreage of the cereal crops given in the table being irrigated. The highest percentage of acreage irrigated shown for any cereal, 34.3, is reported for corn, and the next highest, 6.5, for barley. The proportions for wheat and oats are, respectively, 4.7 and 3.1 per cent.

The hay and forage crops are more generally irrigated than the cereals, the irrigated acreage forming 26.3 per cent of the total reported for these crops. In the case of three of the eight hay and forage crops included in the table more than half of the total acreage is irrigated. For alfalfa the proportion is 75.7 per cent, for "wild, salt, or prairie grasses" 60.7 per cent, and for "timothy alone" 58.5 per cent.

Of the entire acreage in potatoes 48.4 per cent was irrigated in 1909 and of that in small fruits 71 per cent. Sugar beets are grown for the most part without irrigation in California, only 18.6 per cent of the total acreage of the crop being irrigated. The relative importance of the irrigated acreage in orchard and tropical fruits can not be determined, because the total acreage devoted to such fruits was not reported. It will be observed, however, that more than one-third of the value of all orchard fruits produced in the state and more than nine-tenths of the value of all tropical fruits produced represent the value of products grown on irrigated land. The value of the nuts grown on irrigated land forms 55.3 per cent of that of the total crop and the value of grapes from irrigated land 28 per cent of that of all grapes grown.

Of the crops shown in the table, alfalfa has the largest irrigated acreage, such acreage representing 32.5 per cent of the total irrigated area of the crops given. "Wild, salt, or prairie grasses" are next, with 13.6 per cent of this total, followed by grains cut green, with 9 per cent; tropical fruits, with 8.8 per cent; barley, with 6.9 per cent; grapes, with 6.6 per cent, and orchard fruits, with 6.5 per cent. No other single crop occupies as much as 3 per cent of the total acreage of the irrigated crops presented in the table. It will be observed, however, that, in point of value, the alfalfa crop is exceeded by that of tropical fruits, which contributed 32.4 per cent of the total value of irrigated crops, as against 21.2 per cent for alfalfa.

While many of the crops irrigated are well distributed geographically, there is a tendency toward the concentration of certain crops in particular localities. This is shown by the following statement, which gives the counties having the largest acreages of the principal irrigated crops, with the proportions which each contains of the total irrigated acreages of these crops in the state.

*Corn.*—Kern County, 29.4 per cent; Los Angeles, 13.4 per cent; Inyo, 10.5 per cent; Tulare, 7.9 per cent.

*Oats.*—Plumas County, 29 per cent; Lassen, 11.3 per cent; Siskiyou, 10.9 per cent; Inyo, 8.7 per cent.

*Wheat.*—Kern County, 20 per cent; Tulare, 17.9 per cent; Kings, 15.1 per cent; Lassen, 12.5 per cent.

*Barley.*—Imperial County, 43.9 per cent; Kings, 15.4 per cent; Kern, 8.2 per cent; Merced, 7.6 per cent.

*Alfalfa seed.*—Kings County, 47.7 per cent; Fresno, 17.6 per cent; Lassen, 10.8 per cent; Kern, 9.4 per cent.

*Dry edible beans.*—San Joaquin County, 64.2 per cent; Orange, 13.1 per cent; Ventura, 6.4 per cent; Contra Costa, 5.2 per cent.

*Timothy alone.*—Shasta County, 30.7 per cent; Plumas, 19.5 per cent; Modoc, 14.1 per cent; Siskiyou, 11.5 per cent.

*Timothy and clover mixed.*—Siskiyou County, 30.1 per cent; Lassen, 16.7 per cent; Plumas, 15.3 per cent; Shasta, 8.2 per cent.

*Clover alone.*—Nevada County, 18.3 per cent; Shasta, 16.1 per cent; Eldorado, 15.1 per cent; Yuba, 11.7 per cent.

*Alfalfa.*—Fresno County, 11.7 per cent; Stanislaus, 10.8 per cent; Merced, 10.3 per cent; Kings, 8.5 per cent.

"*Other tame or cultivated grasses.*"—Siskiyou County, 26.4 per cent; Sierra, 20.5 per cent; Modoc, 10.3 per cent; Nevada, 8.9 per cent.

"*Wild, salt, or prairie grasses.*"—Modoc County, 33 per cent; Lassen, 24 per cent; Plumas, 12.1 per cent; Sierra, 8 per cent.

*Grains cut green.*—Fresno County, 22.3 per cent; Imperial, 20.5 per cent; Kern, 11.9 per cent; Kings, 10.2 per cent.

*Coarse forage.*—Tulare County, 33.8 per cent; Fresno, 15.8 per cent; Imperial, 12.3 per cent; Los Angeles, 10.6 per cent.

*Potatoes.*—San Joaquin County, 48 per cent; Contra Costa, 20 per cent; Los Angeles, 9.3 per cent; Orange, 4.5 per cent.

*Sugar beets.*—Monterey County, 34.3 per cent; Los Angeles, 30.6 per cent; Santa Barbara, 13.5 per cent; Orange, 8.7 per cent.

*Orchard fruits.*—Fresno County, 31.9 per cent; Placer, 14.8 per cent; Tulare, 8.4 per cent; Santa Clara, 6.5 per cent.

*Small fruits.*—Los Angeles County, 30.4 per cent; Santa Clara, 13.9 per cent; Sacramento, 10.9 per cent; Santa Cruz, 7.2 per cent.

*Tropical fruits.*—San Bernardino County, 25.6 per cent; Los Angeles, 24.8 per cent; Riverside, 14.2 per cent; Tulare, 11.6 per cent.

*Nuts.*—Orange County, 46 per cent; Los Angeles, 34.7 per cent; Ventura, 12.1 per cent.

*Grapes.*—Fresno County, 62.6 per cent; Tulare, 12.2 per cent; Kings, 6.2 per cent; Sacramento, 5.7 per cent.

Of the total irrigated acreage of fruit trees and vines not bearing in 1909, amounting to 59,031, 36.1 per cent was in Fresno County, 14 per cent in Tulare County, 8 per cent in Orange County, and 7.2 per cent in Los Angeles County.

**Yield.**—In the table following the average yields per acre of crops extensively grown, both with and without irrigation, are shown. The yields on unirrigated land are obtained by subtracting the totals for irrigated crops from the totals for the state.

For all the crops given in the table, except alfalfa seed, "timothy alone," and "clover alone," there were greater average yields in 1909 on irrigated than on unirrigated land. The relative excess is greatest in the case of oats, 65.4 per cent, and next greatest in the case of wheat, 42.5 per cent.

For the cereals there was in every case an excess in the average yield under irrigation over that without irrigation, this excess ranging from 7.7 to 65.4 per cent. In the case of six of the hay and forage crops the average yield on irrigated land was greater than that on unirrigated land, the differences varying from 8.6 to 34.8 per cent, but for two a greater average yield on unirrigated land was reported. Comparisons can not be made for fruits, for the reason that the agricultural

returns do not give the total acreage devoted to these crops.

CROP.	AVERAGE YIELD PER ACRE.		
	On unirrigated land.	On irrigated land.	
		Amount.	Per cent of excess over yield on unirrigated land. <sup>1</sup>
Corn.....bushels.....	22.9	27.6	20.5
Oats.....bushels.....	21.1	34.9	65.4
Wheat.....bushels.....	12.7	18.1	42.5
Barley.....bushels.....	22.0	23.7	7.7
Alfalfa seed.....bushels.....	2.9	2.3	-20.7
Dry clover alone.....bushels.....	21.0	21.5	2.4
Timothy alone.....tons.....	1.54	1.40	-9.1
Timothy and clover mixed.....tons.....	1.51	1.64	8.6
Clover alone.....tons.....	2.41	2.29	-5.0
Alfalfa.....tons.....	3.05	3.49	14.1
Other tame or cultivated grasses.....tons.....	1.30	1.64	26.2
Wild, salt, or prairie grasses.....tons.....	0.92	1.24	34.8
Grains cut green.....tons.....	1.25	1.44	15.2
Coarse forage.....tons.....	2.27	2.52	11.0
Potatoes.....bushels.....	132.9	158.2	19.0
Sugar beets.....tons.....	10.48	11.70	11.6

<sup>1</sup> A minus sign (-) indicates that the yield on irrigated land is less than that on unirrigated land.

In considering these comparisons it should be borne in mind that they are not comparisons of yields on irrigated and on unirrigated land in the same localities, but of yields under irrigation in localities where crops can not be grown to advantage without it with yields in localities where irrigation is not necessary. They do not indicate, therefore, the relative advantages of farming with and without irrigation in a given community, but rather give one factor for determining the relative advantages of farming where irrigation is necessary and where it is not necessary for the successful growing of crops.

#### COUNTY TABLE.

The next table gives in detail, by counties, the data summarized above, except those relating to crops. For purposes of comparison the total number of farms in the state, the approximate land area of the state, the total land in farms, and the improved land in farms have been included in the table.

Certain irrigation enterprises extend into more than one county, and in the case of some of these enterprises the reports do not segregate the data by counties. In such cases a distribution has been made according to the best estimates possible from all the information in the possession of the bureau. It is believed that these estimates are approximately correct.

The number of farms irrigated in 1909 includes 350 farms in Contra Costa, Del Norte, Humboldt, Marin, Mendocino, Napa, San Francisco, San Mateo, Santa Cruz, Sonoma, and Sutter Counties, shown under "all other counties" in Twelfth Census report, and 64 farms on Indian reservations.

The acreage irrigated in 1909 includes 3,834 acres in Contra Costa, Del Norte, Humboldt, Marin, Mendocino, Napa, San Francisco, San Mateo, Santa Cruz,

Sonoma, and Sutter Counties, shown under "all other counties" in Twelfth Census report, and 242 acres on Indian reservations.

The figures for number and length of main ditches for 1899 relate only to main ditches, outside of Indian reservations, receiving water by gravity from streams, lakes, and springs in 1899 and used chiefly or solely for irrigation purposes.

Figures for cost in 1899 are exclusive of Indian reservations.

*Change of boundaries.*—In comparing the data secured for 1910 with those from the census of 1900, the following changes in county boundaries should be considered: (1) The organization of Imperial County from a part of San Diego County in 1907; and (2) the annexation of a part of Fresno County to Kings County in 1909.

*Land in farms in Sutter County.*—In accordance with instructions to assign all of the acreage of a farm to the county in which the residence of the operator was located, a large acreage in adjoining counties has been tabulated as in Sutter County.

# STATISTICS OF IRRIGATION.

## ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910.

[Comparative data for 1899 in italics.]

	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.	Colusa.	Contra Costa.	Eldorado.
1 Number of all farms in 1910.....	188,197	2,422	42	537	1,500	632	667	1,465	716
2 Number of farms irrigated in 1909.....	39,332	59	32	73	1,401	271	401	496	210
3 Per cent of all farms.....	44.6	2.1	76.2	13.6	37.5	24.4	16.8	7.8	34
4 Number of farms irrigated in 1899.....	125,675	101	23	157	255	145	62	5.3	244
5 Per cent of increase, 1899-1909.....	63.3	*50.5	*3.0	44.7	22.2	7.7	80.6	(?)	*256
<b>LAND AND FARM AREA</b>									
6 Approximate land area..... acres.....	199,617,280	468,480	496,640	384,640	1,102,080	637,280	729,600	436,960	1,121,920
7 Land in farms..... acres.....	127,931,444	311,327	32,004	291,730	490,777	271,801	522,376	406,433	890,880
8 Improved land in farms..... acres.....	111,389,894	177,314	7,579	46,969	247,097	59,104	336,509	262,152	41,682
9 Acreage irrigated in 1909.....	2,661,194	1,899	3,349	826	28,754	0.3	4,276	26,856	5,122
10 Per cent of total land area.....	2.7	0.4	0.7	0.2	2.6	0.2	0.6	6.0	0.5
11 Per cent of land in farms.....	2.3	0.6	10.5	0.3	5.9	0.5	0.8	6.0	2.4
12 Per cent of land in farms.....	2.7	1.0	43.2	1.8	11.6	0.2	1.3	10.2	12.3
13 Acreage irrigated in 1899.....	1,446,114	2,652	4,391	1,167	7,352	1,476	2,693	(?)	3,387
14 Per cent of increase, 1899-1909.....	83.2	*26.6	*1,872	*29.2	292.2	113.6	4.2	18.5	51.2
15 Acreage enterprises were capable of irrigating in 1910.....	3,619,378	3,399	3,973	115,075	3,161	16,541	32,362	5,501	20,204
16 Acreage included in projects.....	5,490,360	2,645	3,435	4,139	233,900	3,919	32,640	5,201	20,204
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>									
<b>CLASSIFIED BY CHARACTER OF ENTERPRISE.</b>									
17 U. S. Reclamation Service, irrigated in 1909.....	4,90								
18 Enterprises were capable of irrigating in 1910.....	1,200								
19 Included in projects.....	3,490								
20 U. S. Indian Service, irrigated in 1909.....	3,490								
21 Enterprises were capable of irrigating in 1910.....	3,490								
22 Included in projects.....	3,800								
23 Carey Act enterprises, irrigated in 1909.....									
24 Enterprises were capable of irrigating in 1910.....									
25 Included in projects.....									
26 Irrigation districts, irrigated in 1909.....	173,708								
27 Enterprises were capable of irrigating in 1910.....	294,108								
28 Included in projects.....	696,351								
29 Cooperative enterprises, irrigated in 1909.....	779,029						875		200
30 Enterprises were capable of irrigating in 1910.....	884,570						2,500		480
31 Included in projects.....	1,388,435						3,450		890
32 Commercial enterprises, irrigated in 1909.....	746,265			360	24,930	180	1,000		3,661
33 Enterprises were capable of irrigating in 1910.....	1,294,059			3,500	110,200	1,300	1,000		3,661
34 Included in projects.....	1,094,963			3,500	221,450	1,700	2,000		17,801
35 Individual and partnership enterprises, irrigated in 1909.....	961,136	1,859	3,349	466	3,824	1,095	2,401		26,856
36 Enterprises were capable of irrigating in 1910.....	1,131,561	1,872	3,399	473	4,875	1,861	13,041		32,362
37 Included in projects.....	1,912,311	2,605	3,435	639	12,650	2,219	13,333		32,640
<b>ACREAGE IRRIGATED</b>									
<b>CLASSIFIED BY SOURCE OF WATER SUPPLY.</b>									
38 Supplied from streams.....	2,246,722	651	3,194	781	27,803	906	4,258	26,504	3,537
39 By gravity.....	2,216,757	546	3,194	779	27,771	893	3,318	20,818	3,487
40 By pumping.....	29,965	105			32	13	940	5,686	1,500
41 Supplied from lakes.....	18,470								
42 By gravity.....	15,896								
43 By pumping.....	2,574								
44 Supplied from wells.....	350,723	1,128			646	52	11	267	
45 Flowing.....	74,128								
46 By pumping.....	276,595	1,128			646	43	11	237	
47 Supplied from springs.....	31,779	83	40	45	305	247	7	85	65
48 Supplied from reservoirs.....	16,410								
49 Total acreage supplied by pumping.....	309,134	1,230		2	678	61	951	5,923	
<b>IRRIGATION ENTERPRISES</b>									
50 Independent enterprises..... number.....	13,970	53	21	49	144	150	45	185	50
51 Number in 1899.....									
52 Per cent of increase, 1899-1910.....	8,590	49	25	55	135	148	38	176	60
53 Main ditches..... number.....	1,848								
54 Number in 1899.....									
55 Per cent of increase, 1899-1910.....	12,620	21	34	185	270	124	44	172	285
56 Length in 1899..... miles.....	5,166								
57 Length in 1899..... miles.....									
58 Per cent of increase, 1899-1910.....	69,597	665	179	255	2,028	206	631	60	445
59 Capacity..... cubic feet per second.....	9,143	12	3	12	145	32	10	25	25
60 Laterals..... number.....	8,569	1	56	170	10				
61 Length..... miles.....	1,583	82	3	14	27	29	1	1	711
62 Reservoirs..... acre-feet.....	748,309	3		309	360	12,029			
63 Capacity..... number.....	2,361								
64 Capacity..... gallons per minute.....	477,843								
65 Pumped wells..... number.....	10,294	56							
66 Capacity..... gallons per minute.....	4,119,575	3,740			29,680	848	977	3	26
67 Pumping plants..... number.....	9,297	57			1	46	9	12	1,339
68 Equine capacity..... horsepower.....	12,143	384			5	46	12	516	39
69 Pump capacity..... gallons per minute.....	5,276,298	5,019		100	32,391	1,094	51,365	138,947	
<b>COST</b>									
71 Cost of enterprises up to July 1, 1910..... dollars.....	72,580,030	57,156	7,493	265,608	1,231,894	121,033	76,112	90,503	346,939
72 Cost in 1899..... dollars.....	19,161,610								
73 Per cent of increase, 1899-1910.....	278.4								
74 Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	20.05	30.83	2.20	66.85	10.71	38.29	4.60	2.78	63.07
75 Average cost per acre irrigated in 1899..... dollars.....	9.37								
76 Estimated final cost of existing enterprises..... dollars.....	84,392,344	57,156	7,493	265,608	1,381,894	121,033	76,112	90,503	346,939
77 Average cost per acre included in projects..... dollars.....	15.37	21.94	2.18	64.17	11.17	6.56	5.07		17.12
<b>OPERATION AND MAINTENANCE</b>									
78 Acreage for which cost is reported.....	1,368,247				360	24,340	140	800	3,590
79 Total cost reported..... dollars.....	2,169,451				8,565	28,546	618	4,065	16,325
80 Average per acre for which cost is reported..... dollars.....	1.54				23.63	11.77	4.41	5.07	4.55
81 Acreage cost per acre in 1899.....									
82 Per cent of increase, 1899-1909.....									

\* Includes figures for Del Norte County, from which no irrigation is reported at the census of 1910.

† Includes figures shown under "all other counties" in Twelfth Census report, and for Indian reservations. (See explanation at close of text.)

‡ Includes in "all other counties" in Twelfth Census report, "Decrease."

§ Not reported by counties. (See explanation at close of text.)

## ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND

[Comparative data for 1899 in italics.]

	Fremont	Glenn	Humboldt	Imperial	Inyo	Kern	Kings <sup>1</sup>	Lake	Lassen
1 Number of all farms in 1910.....	6,245	663	1,534	1,222	438	1,167	1,637	603	562
2 Number of farms irrigated in 1909.....	5,310	196	33	1,250	408	876	1,126	43	355
3 Per cent of all farms.....	85.0	29.6	2.2	94.6	93.2	75.1	61.3	7.1	70.7
4 Number of farms irrigated in 1899.....	2,469	67	( <sup>2</sup> )	( <sup>2</sup> )	562	653	740	44	515
5 Per cent of increase, 1899-1910.....	119.5	192.5			12.7	34.2		* 4.4	13.4
<b>LAND AND FARM AREA</b>									
6 Approximate land area.....acres.....	3,808,000	805,760	2,325,760	2,616,960	6,412,160	5,121,920	741,760	817,920	2,809,840
7 Land in farms.....acres.....	1,106,616	491,198	642,536	225,602	110,142	1,403,350	373,828	217,464	295,728
8 Improved land in farms.....acres.....	590,285	309,705	105,248	178,069	39,698	315,367	196,569	45,768	122,657
9 Acreage irrigated in 1909.....	402,318	5,661	208	190,711	68,163	190,034	190,943	582	77,079
10 Per cent of total land area.....	10.6	0.7	( <sup>3</sup> )	7.3	1.0	3.7	25.7	0.1	26.1
11 Per cent of land in farms.....	36.4	1.2	( <sup>3</sup> )	85.3	39.2	13.5	61.1	0.3	26.1
12 Per cent of improved land in farms.....	68.2	1.8	0.2	1108.3	1168.4	60.3	97.1	1.4	63.2
13 Acreage irrigated in 1899.....	283,757	1,842	( <sup>3</sup> )	( <sup>3</sup> )	47,266	58.8	65,794	285	46,654
14 Per cent of increase, 1899-1910.....	142.9	309.6			28.8	68.9	7.8	11.3	53.3
15 Acreage enterprises were capable of irrigating in 1910.....	560,326	16,804	333	242,000	71,815	217,418	289,523	828	89,815
16 Acreage included in projects.....	633,652	220,664	966	375,000	92,319	402,806	301,823	1,208	149,520
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>									
<b>CLASSIFIED BY CHARACTER OF ENTERPRISE.</b>									
17 U. S. Reclamation Service, irrigated in 1909.....			400						
18 Enterprises were capable of irrigating in 1910.....			1,200						
19 Included in projects.....			14,200						
20 U. S. Indian Service, irrigated in 1909.....									
21 Enterprises were capable of irrigating in 1910.....									
22 Included in projects.....									
23 Carey Act enterprises, irrigated in 1909.....									
24 Enterprises were capable of irrigating in 1910.....									
25 Included in projects.....									
26 Irrigation districts, irrigated in 1909.....	9,329						925		
27 Enterprises were capable of irrigating in 1910.....	21,335						2,785		
28 Included in projects.....	21,335						2,785		
29 Cooperative enterprises, irrigated in 1909.....	52,017			190,711	25,400	6,730	156,480		2,740
30 Enterprises were capable of irrigating in 1910.....	71,622			242,000	27,200	9,020	170,480		5,060
31 Included in projects.....	88,498			375,000	37,700	13,800	177,200		7,200
32 Commercial enterprises, irrigated in 1909.....	304,528	2,500				111,580	34,023		6,300
33 Enterprises were capable of irrigating in 1910.....	417,379	9,000				129,260	93,781		15,000
34 Included in projects.....	452,800	198,000				125,068	93,781		20,000
35 Individual and partnership enterprises, irrigated in 1909.....	30,444	2,751	208		37,765	71,734	19,812	582	68,200
36 Enterprises were capable of irrigating in 1910.....	50,120	6,604	333		44,615	79,138	22,447	828	69,735
37 Included in projects.....	71,010	8,464	966		54,619	113,938	36,947	1,208	90,350
<b>ACREAGE IRRIGATED</b>									
<b>CLASSIFIED BY SOURCE OF WATER SUPPLY.</b>									
38 Supplied from streams.....	380,109	5,463	179	190,711	62,402	183,112	178,187	359	62,342
39 By gravity.....	378,472	4,282	179	190,711	62,402	183,112	178,187	301	62,322
40 By pumping.....	1,637	1,181						58	20
41 Supplied from lakes.....	480					4	320		750
42 By gravity.....						4	320		
43 By pumping.....	480								750
44 Supplied from wells.....	21,729	198	11		141	6,387	12,442	10	
45 Flowing.....	21,729	198	11		141	2,067	11,400	400	
46 By pumping.....	21,729	198				4,280	1,042	8	
47 Supplied from springs.....			18		1,620	531		213	4,002
48 Supplied from reservoirs.....					1,000				1,015
49 Total acreage supplied by pumping.....	23,846	1,378	11			4,294	1,042	66	740
<b>IRRIGATION ENTERPRISES</b>									
50 Independent enterprises.....number.....	975	116	33	9	188	244	77	43	233
51 Number in 1899.....									
52 Per cent of increase, 1899-1910.....									
53 Main ditches.....number.....	254	50	33	12	184	178	27	44	285
54 Number in 1899.....									
55 Per cent of increase, 1899-1910.....									
56 Length.....miles.....	831	136	26	117	396	441	137	26	358
57 Length in 1899.....									
58 Per cent of increase, 1899-1910.....									
59 Capacity.....cubic feet per second.....	6,299	1,659	145	3,250	2,752	9,990	4,840	90	2,248
60 Laterals.....number.....	688	554	4	179	326	118	51	21	263
61 Length.....miles.....	1,354	1,073	2	880	168	257	159	2	116
62 Reservoirs.....number.....	6	12	5		1	51	37	3	29
63 Capacity.....acre-feet.....	402	45,009	7		11,300	1,601	111	2	169,552
64 Flowing wells.....number.....	3				10	25	75	1	
65 Capacity.....gallons per minute.....	450				500	12,283	19,436	75	
66 Pumped wells.....number.....	835	105	2		1	149	20	3	
67 Capacity.....gallons per minute.....	443,024	26,484	105		100	90,618	8,700	272	
68 Pumping plants.....number.....	888	77	1		1	114	18	11	2
69 Engine capacity.....horsepower.....	8,940	936	3		5	2,846	174	40	90
70 Pump capacity.....gallons per minute.....	515,380	62,449	105		100	90,668	12,759	4,577	6,100
<b>COST</b>									
71 Cost of enterprises up to July 1, 1910.....dollars.....	1,898,460	1,519,561	29,027	4,955,272	962,698	1,788,635	687,381	12,124	884,965
72 Cost in 1899.....									
73 Per cent of increase, 1899-1910.....									
74 Average cost per acre enterprises were capable of irrigating in 1910.....dollars.....	3.39	90.43	87.17	20.48	13.41	8.23	2.37	14.64	9.85
75 Average cost per acre irrigated in 1899.....									
76 Estimated final cost of existing enterprises.....dollars.....	1,898,460	3,716,976	29,027	5,884,182	962,698	1,788,635	687,381	12,124	1,034,965
77 Average cost per acre in 1899.....dollars.....	3.60	16.84	30.05	15.69	10.43	4.44	2.21	9.56	6.92
<b>OPERATION AND MAINTENANCE</b>									
78 Acreage for which cost is reported.....	352,569			190,711	25,400	406	156,100		6,290
79 Total cost reported.....dollars.....	56,172			393,724	9,946	5,333	40,800		18,450
80 Average cost per acre for which cost is reported.....dollars.....	0.16			2.06	0.39	1.36	0.26		2.67
81 Average cost per acre in 1899.....dollars.....									
82 Per cent of increase, 1899-1909.....									

<sup>1</sup> Change of boundary. (See explanation at close of text.) <sup>2</sup> Included in "all other countries" in Twelfth Census report. <sup>3</sup> Decrease. <sup>4</sup> Less than one-tenth of 1 per cent.

# STATISTICS OF IRRIGATION.

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## COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910—Continued.

[Comparative data for 1899 in italics.]

	Los Angeles.	Madera.	Marin.	Mariposa.	Mendocino.	Merced.	Modoc.	Mono.	Monterey.	Napa.
1 Number of all farms in 1910.....	7,919	573	498	330	1,356	1,856	736	91	1,658	1,537
2 Number of farms irrigated in 1909.....	4,669	118	6	17.0	39	1,417	437	76	258	36
3 Per cent of all farms.....	59.0	27.6	1.2	5.2	2.9	76.3	59.4	83.5	15.6	2.3
4 Number of farms irrigated in 1899.....	4,002	129	(*)	46	(*)	659	407	87	188	(*)
5 Per cent of increase, 1899-1909.....	14.8	81.7	(*)	15.2	17.5	11.2	6.4	21.6	19.2	23.3
<b>LAND AND FARM AREA</b>										
6 Approximate land area.....acres.	2,692,880	1,351,680	338,560	936,320	2,206,920	1,276,800	2,446,720	1,939,200	2,131,200	501,120
7 Land in farms.....acres.	757,985	620,630	263,442	299,359	721,225	1,102,167	410,134	115,672	1,147,416	360,580
8 Improved land farms.....acres.	418,898	301,061	93,115	47,017	82,578	167,742	164,784	48,382	371,559	101,114
9 Acreage irrigated in 1909.....	140,886	85,703	(*)	376	371	151,998	82,073	49,027	15,056	1,151
10 Per cent of total land area.....	5.6	2.9	(*)	0.0	0.1	11.9	3.4	2.5	0.7	0.2
11 Per cent of land in farms.....	19.2	6.2	(*)	0.2	0.1	12.1	20.0	42.4	1.3	0.3
12 Per cent of improved land in farms.....	34.7	9.9	0.1	1.0	0.4	25.9	49.8	113.0	4.1	1.2
13 Acreage irrigated in 1899.....	85,424	45,165	(*)	174	(*)	111,539	79,616	59,006	6,675	(*)
14 Per cent of increase, 1899-1909.....	70.0	67.2	(*)	34.5	30.5	5.2	5.2	17.2	125.6	.....
15 Acreage enterprises were capable of irrigating in 1910.....	183,506	51,230	71	546	590	248,679	89,476	90,007	27,176	2,035
16 Acreage included in projects.....	241,794	82,321	71	767	1,365	281,719	124,166	84,973	29,914	2,443
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>										
CLASSIFIED BY CHARACTER OF ENTERPRISE.										
17 U. S. Reclamation Service, irrigated in 1909.....										
18 Enterprises were capable of irrigating in 1910.....										
19 Included in projects.....										
20 U. S. Indian Service, irrigated in 1909.....										
21 Enterprises were capable of irrigating in 1910.....										
22 Included in projects.....										
23 Carey Act enterprises, irrigated in 1909.....										
24 Enterprises were capable of irrigating in 1910.....										
25 Included in projects.....										
26 Irrigation districts, irrigated in 1909.....	850				8,200					
27 Enterprises were capable of irrigating in 1910.....	850				13,917					
28 Included in projects.....	850				10,980					
29 Cooperative enterprises, irrigated in 1909.....	64,068	5,695			860		2,106		5,773	
30 Enterprises were capable of irrigating in 1910.....	75,196	16,000			1,150		2,500		9,288	
31 Included in projects.....	84,338	16,000			1,110		3,000		9,350	
32 Commercial enterprises, irrigated in 1909.....	5,267				29	134,228	8,850		5,000	
33 Enterprises were capable of irrigating in 1910.....	16,757				60	221,428	9,500		9,500	
34 Included in projects.....	40,757				60	248,765	12,150		9,500	
35 Individual and partnership enterprises, irrigated in 1909.....	75,401	30,009	67	376	342	8,710	71,635	49,627	4,283	1,191
36 Enterprises were capable of irrigating in 1910.....	89,703	35,230	71	546	330	47,476	60,007	40,007	5,388	2,035
37 Included in projects.....	115,649	66,321	71	767	1,305	11,854	109,016	84,973	11,064	2,443
<b>ACREAGE IRRIGATED</b>										
CLASSIFIED BY SOURCE OF WATER SUPPLY.										
38 Supplied from streams.....	46,754	37,042	64	324	278	149,714	69,164	46,142	10,603	1,070
39 By gravity.....	46,689	37,042		324	270	147,138	69,164	46,142	9,769	832
40 By pumping.....	65				8	2,376			834	238
41 Supplied from lakes.....							660	2,420	20	5
42 By gravity.....							690	2,420		
43 By pumping.....									20	5
44 Supplied from wells.....	97,318	1,693	3	6	29	2,264	308		4,428	7
45 Flowing.....	13,379					29	308			
46 By pumping.....	83,748	1,693	3	6	29	2,002	3		4,428	7
47 Supplied from springs.....	1,312			46	4	20	7,189	465	5	94
48 Supplied from reservoirs.....	83,813	1,693	67	6	37	4,578	3		5,282	245
49 Total acreage supplied by pumping.....										
<b>IRRIGATION ENTERPRISES</b>										
50 Independent enterprises.....number.	1,567	35	6	48	37	135	388	77	117	35
51 Number in 1899.....										
52 Per cent of increase, 1899-1910.....										
53 Main ditches.....number.	601	34	5	40	33	45	446	85	106	20
54 Number in 1899.....										
55 Per cent of increase, 1899-1910.....										
56 Length.....miles.	800	79	5	21	19	261	637	172	223	8
57 Length in 1899.....										
58 Per cent of increase, 1899-1910.....										
59 Capacity.....cubic feet per second.	2,296	1,615	21	28	49	4,478	2,907	1,249	1,903	25
60 Lateral.....number.	49,703	30	6	49	6	253	499	101	23	3
61 Length.....miles.	500	294			6	332	173	65	32	3
62 Reservoirs.....number.	279	3	1	8	7	10	32		10	3
63 Capacity.....acre-feet.	993	12,841	1	3	10	15,003	33,993		2	13
64 Flowing wells.....number.	376					29	45			
65 Capacity.....gallons per minute.	70,813					1,256	2,567			
66 Pumped wells.....number.	1,673	33	1	2	6	78	2		102	2
67 Capacity.....gallons per minute.	871,143	26,518	150	49	2,296	32,008	44		196,256	390
68 Pumping plants.....number.	1,361	23	6	10	2	108	2		138	4
69 Engine capacity.....horsepower.	30,632	694	4	1	65	1,505	2		5,333	115
70 Pump capacity.....gallons per minute.	872,718	26,518	1,100	49	3,586	93,239	44		205,513	7,751
<b>COST</b>										
71 Cost of enterprises up to July 1, 1910.....dollars.	7,817,023	152,098	3,380	13,440	30,297	3,748,211	301,040	64,282	405,916	53,948
72 Cost in 1899.....										
73 Per cent of increase, 1899-1910.....										
74 Average cost per acre enterprises were capable of irrigating in 1910.....dollars.	42.60	10.00	47.61	24.62	51.35	15.07	3.36	1.29	18.25	26.51
75 Average cost per acre irrigated in 1899.....										
76 Estimated total cost of existing enterprises.....dollars.	9,266,023	512,068	3,380	13,440	30,297	3,748,211	316,040	64,282	478,916	53,948
77 A average per acre included in projects.....dollars.	38.32	6.22	47.61	17.82	22.29	13.30	3.55	0.76	19.35	22.08
<b>OPERATION AND MAINTENANCE</b>										
78 Acreage for which cost is reported.....	67,361	8,696				103,288	850		10,073	
79 Total cost reported.....dollars.	357,967	5,175				94,228	250		12,916	
80 A average per acre for which cost is reported.....dollars.	5.31	6.00				0.91	0.29		1.28	
81 A average cost per acre in 1899.....										
82 Per cent of increase, 1899-1909.....										

\* Acreage irrigated includes wild grass land, while improved acreage does not.

† Not reported.

‡ Not reported by counties.

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND

[Comparative data for 1899 in Italic.]

	Nevada	Orange.	Placer.	Plumas.	River- side.	Sacra- mento.	San Benito.	San Bern- ardino.	San Diego.	San Fran- cisco.
1	<b>LAND AND FARM AREA</b>									
2	Number of all farms in 1910.....									
3	Number of farms irrigated in 1909.....									
4	Per cent of all farms.....									
5	Number of farms irrigated in 1899.....									
6	Per cent of increase, 1899-1909.....									
7	Approximate land area..... acres.									
8	Land in farms.....									
9	Improved land in farms.....									
10	Acres irrigated in 1909.....									
11	Per cent of total land area.....									
12	Per cent of land in farms.....									
13	Acres irrigated in 1899.....									
14	Per cent of increase, 1899-1909.....									
15	Acres enterprise were capable of irrigating in 1910.....									
16	Acres included in projects.....									
17	<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>									
18	CLASSIFIED BY CHARACTER OF ENTERPRISE.									
19	United States Reclamation Service, irrigated in 1909.....									
20	Included in projects.....									
21	United States Indian Service, irrigated in 1909.....									
22	Included in projects.....									
23	Carey Act enterprises, irrigated in 1909.....									
24	Enterprises were capable of irrigating in 1910.....									
25	Included in projects.....									
26	Irrigation districts, irrigated in 1909.....									
27	Enterprises were capable of irrigating in 1910.....									
28	Included in projects.....									
29	Cooperative enterprises, irrigated in 1909.....									
30	Enterprises were capable of irrigating in 1910.....									
31	Included in projects.....									
32	Commercial enterprises, irrigated in 1909.....									
33	Enterprises were capable of irrigating in 1910.....									
34	Included in projects.....									
35	Individual and partnership enterprises, irrigated in 1909.....									
36	Enterprises were capable of irrigating in 1910.....									
37	Included in projects.....									
38	<b>ACREAGE IRRIGATED</b>									
39	CLASSIFIED BY SOURCE OF WATER SUPPLY.									
40	Supplied from streams.....									
41	By gravity.....									
42	By pumping.....									
43	Supplied from lakes.....									
44	By gravity.....									
45	By pumping.....									
46	Supplied from wells.....									
47	Flowing.....									
48	By pumping.....									
49	Supplied from springs.....									
50	Supplied from reservoirs.....									
51	Total acres irrigated by pumping.....									
52	<b>IRRIGATION ENTERPRISES</b>									
53	Independent enterprises..... number.									
54	Number in 1899.....									
55	Per cent of increase, 1899-1910.....									
56	Main ditches..... number.									
57	Number in 1899.....									
58	Per cent of increase, 1899-1910.....									
59	Length..... miles.									
60	Per cent of increase, 1899-1910.....									
61	Capacity..... cubic feet per second.									
62	Laterals..... number.									
63	Length..... miles.									
64	Reservoirs..... number.									
65	Capacity..... acre-feet.									
66	Flowing wells..... number.									
67	Capacity..... gallons per minute.									
68	Pumped wells..... number.									
69	Capacity..... gallons per minute.									
70	Pumping plants..... number.									
71	Engines or motors..... horsepower.									
72	Pump capacity..... gallons per minute.									
73	<b>COST</b>									
74	Cost of enterprises up to July 1, 1910..... dollars.									
75	Cost in 1899..... dollars.									
76	Per cent of increase, 1899-1910.....									
77	Average cost per acre enterprises were capable of irrigating in 1910..... dollars.									
78	Average cost per acre included in 1910..... dollars.									
79	Estimated final cost of existing enterprises..... dollars.									
80	Average per acre included in projects..... dollars.									
81	<b>OPERATION AND MAINTENANCE</b>									
82	Total cost for which cost is reported.....									
83	Average per acre for which cost is reported.....									
84	Average cost per acre in 1899.....									
85	Per cent of increase, 1899-1909.....									

<sup>1</sup> Change of boundary. (See explanation at close of text.)

<sup>2</sup> Included in "all other countries" in Twelfth Census report.

# STATISTICS OF IRRIGATION.

## COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910—Continued.

[Comparative data for 1899 in Italic.]

	San Joaquin	San Luis Obispo	San Mateo	Santa Barbara	Santa Clara	Santa Cruz	Sbaata	Sierra	Siskiyou	Solano
1	Number of all farms in 1910.....									
2	Number of farms irrigated in 1909.....									
3	Per cent of all farms.....									
4	Number of farms irrigated in 1899.....									
5	Per cent of increase, 1899-1909.....									
<b>LAND AND FARM AREA</b>										
6	Approximate land area.....acres.									
7	Land in farms.....acres.									
8	Improved land in farms.....acres.									
9	Acreage irrigated in 1909.....									
10	Per cent of total land area.....									
11	Per cent of land in farms.....									
12	Per cent of improved land in farms.....									
13	Acreage irrigated in 1899.....									
14	Per cent of increase, 1899-1909.....									
15	Acreage enterprises were capable of irrigating in 1910.....									
16	Acreage included in projects.....									
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>										
<b>CLASSIFIED BY CHARACTER OF ENTERPRISE.</b>										
17	U. S. Reclamation Service, irrigated in 1909.....									
18	Enterprises were capable of irrigating in 1910.....									
19	Included in projects.....									
20	U. S. India Service, irrigated in 1909.....									
21	Enterprises were capable of irrigating in 1910.....									
22	Included in projects.....									
23	Carey Act enterprises, irrigated in 1909.....									
24	Enterprises were capable of irrigating in 1910.....									
25	Included in projects.....									
26	Irrigation districts, irrigated in 1909.....									
27	Enterprises were capable of irrigating in 1910.....									
28	Included in projects.....									
29	Cooperative enterprises, irrigated in 1909.....									
30	Enterprises were capable of irrigating in 1910.....									
31	Included in projects.....									
32	Commercial enterprises, irrigated in 1909.....									
33	Enterprises were capable of irrigating in 1910.....									
34	Included in projects.....									
35	Individual partnerships, enterprises, irrigated in 1909.....									
36	Enterprises were capable of irrigating in 1910.....									
37	Included in projects.....									
<b>ACREAGE IRRIGATED</b>										
<b>CLASSIFIED BY SOURCE OF WATER SUPPLY.</b>										
38	Supplied from streams.....									
39	By gravity.....									
40	By pumping.....									
41	Supplied from lakes.....									
42	By gravity.....									
43	By pumping.....									
44	Supplied from wells.....									
45	Flowing.....									
46	By pumping.....									
47	Supplied from springs.....									
48	Supplied from reservoirs.....									
49	Total acreage supplied by pumping.....									
<b>IRRIGATION ENTERPRISES</b>										
50	Independent enterprises.....number.									
51	Number in 1899.....									
52	Per cent of increase, 1899-1910.....									
53	Main ditches.....number.									
54	Number in 1899.....									
55	Per cent of increase, 1899-1910.....									
56	Length.....miles.									
57	Length in 1899.....									
58	Per cent of increase, 1899-1910.....									
59	Capacity.....cubic feet per second.									
60	Laterals.....number.									
61	Length.....miles.									
62	Reservoirs.....number.									
63	Capacity.....acre-feet.									
64	Flowing wells.....number.									
65	Capacity.....gallons per minute.									
66	Pumped wells.....number.									
67	Capacity.....gallons per minute.									
68	Pumping plants.....number.									
69	Engine capacity.....horsepower.									
70	Pump capacity.....gallons per minute.									
<b>COST</b>										
71	Cost of enterprises up to July 1, 1910.....dollars.									
72	Cost in 1899.....									
73	Per cent of increase, 1899-1910.....									
74	Average cost per acre enterprises were capable of irrigating in 1910.....dollars.									
75	Average cost per acre irrigated in 1899.....dollars.									
76	Estimated final cost of existing enterprises.....dollars.									
77	Average cost per acre in 1899.....dollars.									
<b>OPERATION AND MAINTENANCE</b>										
78	Acreage for which cost is reported.....									
79	Total cost reported.....dollars.									
80	Average per acre for which cost is reported.....dollars.									
81	Average cost per acre in 1899.....dollars.									
82	Per cent of increase, 1899-1909.....									

<sup>1</sup> Decrease.

<sup>2</sup> Not reported.

<sup>3</sup> Not reported by counties.

## ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910—Continued.

[Comparative data for 1899 in italics.]

	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare.	Tuolumne.	Ventura.	Yolo.	Yuba.
1	Number of all farms in 1910.....	4,772	2,687	873	1,006	308	4,021	388	1,293	253
2	Number of farms irrigated in 1909.....	38	1,911	39	366	201	3,648	157	489	333
3	Per cent of all farms.....	0.8	71.1	4.5	36.6	65.3	75.8	40.7	37.8	26.5
4	Number of farms irrigated in 1910.....	271	2,271	409	809	277	2,167	165	823	167
5	Per cent of increase, 1899-1909.....	764.7			75.1	18.2	107.5	*15.1	38.5	99.4
<b>LAND AND FARM AREA</b>										
6	Approximate land area.....acres.....	1,009,280	928,000	389,120	1,851,520	2,026,240	3,107,840	1,401,600	1,201,920	648,960
7	Land in farms.....acres.....	744,644	649,992	*388,463	915,927	913,310	1,945,231	718,073	580,199	363,383
8	Improved land in farms.....acres.....	548,271	512,189	119,510	186,642	13,300	307,624	36,407	213,828	317,298
9	Acres irrigated in 1909.....	631	84,015	1,173	14,281	6,324	263,404	2,035	25,273	11,754
10	Per cent of total land area.....	0.1	9.1	0.3	0.8	0.3	8.5	0.1	2.1	0.8
11	Per cent of land in farms.....	0.1	12.9	0.3	1.6	6.9	25.4	1.1	4.6	2.5
12	Per cent of improved land in farms.....	0.3	16.4	0.6	7.7	47.5	52.3	5.6	11.8	3.2
13	Per cent of increase, 1899-1909.....	(1)	17,505	(1)	11,512	4,710	*85,354	1,581	15,855	5,191
14	Acres irrigated in 1909.....	379.9	379.9	379.9	24.1	34.3	205.6	47.4	111.8	127.7
15	Per cent of increase, 1899-1909.....	(1)	17,505	(1)	11,512	4,710	*85,354	1,581	15,855	5,191
16	Acres irrigated in 1910.....	761	141,785	1,361	23,167	1,127	337,938	2,083	49,407	14,697
17	Per cent of increase, 1899-1909.....	931	340,914	1,939	36,020	9,313	466,735	5,958	36,357	35,967
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>										
CLASSIFIED BY CHARACTER OF ENTERPRISE.										
17	U. S. Reclamation Service, irrigated in 1909.....									
18	Enterprises were capable of irrigating in 1910.....									
19	Included in projects.....									
20	U. S. Indian Service, irrigated in 1909.....									
21	Enterprises were capable of irrigating in 1910.....									
22	Included in projects.....									
23	Carey Act enterprises, irrigated in 1909.....									
24	Enterprises were capable of irrigating in 1910.....									
25	Included in projects.....									
26	Irrigation districts, irrigated in 1909.....		67,313				52,426			1,750
27	Enterprises were capable of irrigating in 1910.....		121,083				125,668			4,500
28	Included in projects.....		303,313				144,038			43,000
29	Cooperative enterprises, irrigated in 1909.....		4,000		1,708		125,411			
30	Enterprises were capable of irrigating in 1910.....		19,000		3,200		146,571		10,150	
31	Included in projects.....		19,000		3,200		227,788		16,388	
32	Commercial enterprises, irrigated in 1909.....		12,230	500	2,900		11,150	1,450	7,650	10,400
33	Enterprises were capable of irrigating in 1910.....		12,230	500	5,500		11,630	1,450	20,400	10,400
34	Included in projects.....		14,127	1,000	11,500		16,820	5,955	22,000	50,400
35	Individual and partnership enterprises irrigated in 1909.....	631	4,472	673	9,681	6,324	46,417	555	7,443	1,354
36	Enterprises were capable of irrigating in 1910.....	761	4,472	861	14,467	7,127	52,669	633	12,649	4,297
37	Included in projects.....	461	4,474	959	21,320	9,513	78,089	903	15,902	5,567
<b>ACREAGE IRRIGATED</b>										
CLASSIFIED BY SOURCE OF WATER SUPPLY.										
38	Supplied from streams.....	434	84,010	660	13,464	5,984	227,280	1,891	18,198	2,791
39	By gravity.....	255	82,120	660	12,891	5,911	226,939	1,869	18,130	2,791
40	By pumping.....	179	1,890	0	573	73	941	22	68	0
41	Supplied from lakes.....									11,457
42	By gravity.....									10,400
43	By pumping.....									1,057
44	Supplied from wells.....	157	5	313	566	2	37,942	8	6,750	297
45	Flowing.....								6,556	281
46	By pumping.....	157	5	313	565	2	31,286	6	6,169	297
47	Supplied from springs.....	40	200	231	338	169	136	72	33	44
48	Supplied from reservoirs.....	336	1,895	313	1,138	75	31,627	13	27	6,237
49	Total acreage supplied by pumping.....									1,354
<b>IRRIGATION ENTERPRISES</b>										
50	Independent enterprises.....number.....	40	27	21	270	193	908	61	189	47
51	Number in 1899.....									39
52	Per cent of increase, 1899-1910.....									1.9
53	Main ditches.....number.....	32	23	13	136	208	752	62	148	8
54	Number in 1899.....									36
55	Per cent of increase, 1899-1910.....									
56	Length.....miles.....	21	153	6	164	228	1,033	153	177	87
57	Length in 1899.....									128
58	Per cent of increase, 1899-1910.....									
59	Capacity.....cubic feet per second.....	14	3,074	27	1,325	802	6,526	245	627	214
60	Laterals.....number.....	761	44	41	41	41	41	11	13	398
61	Length.....miles.....	40	274	40	13	629	24	87	83	8
62	Reservoirs.....number.....	3	6	43	30	63	3	32	5	5
63	Capacity.....acres-ft.....	1	30,016	1	311	427	1,326	10	80	2
64	Flowing wells.....number.....						79	2	32	
65	Capacity.....gallons per minute.....						35,513	14	17,455	
66	Pumped wells.....number.....	11	3	18	141	1	794	4	157	11
67	Capacity.....gallons per minute.....	6,381	850	6,616	16,275	730	237,420	16	64,829	29,409
68	Pumping plants.....number.....	13,889	19	16	2	2	329	7	126	16
69	Engine capacity.....horsepower.....	134	707	124	731	34	7,304	89	2,976	981
70	Pump capacity.....gallons per minute.....	16,763	185,950	6,616	39,650	1,920	244,318	765	72,704	69,614
<b>COST</b>										
71	Cost of enterprises up to July 1, 1910.....dollars.....	13,891	4,051,870	18,890	263,055	173,414	5,634,379	189,474	2,262,205	311,660
72	Cost in 1899*.....dollars.....									188,268
73	Per cent of increase, 1899-1910.....									
74	Average cost per acre of enterprises were capable of irrigating in 1910.....dollars.....	18.14	28.58	13.81	11.35	24.33	16.67	86.64	45.79	21.21
75	Average cost per acre irrigated in 1899*.....dollars.....									30.97
76	Estimated total cost of enterprises.....dollars.....	13,891	5,226,870	18,890	942,431	173,414	5,648,379	189,474	2,317,288	311,660
77	Average per acre included in projects.....dollars.....	14.51	15.63	9.60	9.51	18.23	12.09	30.29	41.12	6.87
<b>OPERATION AND MAINTENANCE</b>										
78	Average for which cost is reported.....dollars.....		79,543		4,600		124,961	200	14,604	10,400
79	Total cost reported.....dollars.....		69,633		4,122		175,823	200	48,418	18,146
80	Average per acre for which cost is reported.....dollars.....		6.88		0.89		1.41	3.32	3.32	1.74
81	Average cost per acre in 1899*.....dollars.....									6.29
82	Per cent of increase, 1899-1909.....									

\* Exclusive of Indian reservations.

† Decrease.

\* See explanation at close of text.

† Not reported.

\* Not reported by counties.

## CHAPTER 5.

# STATISTICS OF MANUFACTURES FOR THE STATE, CITIES, AND INDUSTRIES.

**Introduction.**—This chapter gives the statistics of manufactures for the state of California for the calendar year 1909, as shown by the Thirteenth Census.

The text summarizes the general results of the census inquiry, presenting a series of special tables in which the main facts printed in the general tables are given in convenient form for the state as a whole and for important industries. It also presents tables in which the statistics for the industries of the state as a whole and for a few important industries are classified by character of ownership, size of establishments, number of wage earners, and prevailing hours of labor, information which could not be presented in general tables for each industry without disclosing the facts for individual establishments.

At the end of the chapter are three general tables.

Table I gives for 1909, 1904, and 1899 the number of establishments and of persons engaged in the industries, primary power, capital, salaries and wages, cost of materials, value of products, and value added by manufacture reported for all industries combined and for certain important industries (1) for the state as a whole and (2) for the cities of Los Angeles, Oakland, and San Francisco. It also gives the same items for all industries combined for every city having in 1910 a population of over 10,000 but less than 50,000.

Table II gives statistics in detail for 1909 for the state and for a larger number of industries.

Table III gives statistics in detail for 1909 for Los Angeles, Oakland, and San Francisco for all industries combined and selected industries, and for each city having from 10,000 to 50,000 inhabitants for all industries combined.

**Scope of census: Factory industries.**—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of organization, location of establishments, size of establishments, labor force, and similar subjects. When use is made of the data for these purposes it is imperative that due attention should be given to the limitations of the figures. Particularly is this true when the attempt is made to derive from them figures purporting to show average wages, cost of production, or profits. These limitations will be fully discussed in the general report on manufactures for the United States as a whole.

The census of 1909, like that of 1904, was confined to manufacturing establishments conducted under the factory system, as dis-

tinguished from the neighborhood, hand, and building industries. Where statistics for 1899 are given they have been reduced to a comparable basis by eliminating the latter classes of industries. The census does not include establishments which were idle during the entire year, or had a value of products of less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions, or in governmental establishments, except those of the Federal Government.

**Period covered.**—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for establishments which began or discontinued business during the year.

**The establishment.**—The term "establishment" comprises the factories, mills, or plants which are under a common ownership or control, and for which one set of books of account is kept.

If, however, the plants constituting an establishment as thus defined were not all located within the same city or state, separate reports were secured in order that the separate totals might be included in the statistics for each city or state. In some instances separate reports were secured for different industries carried on in the same establishment.

**Classification by industries.**—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products very different from those covered by the class designation, and, on the other hand, may not include the total product covered by this designation, because some part of this product may be made in establishments in which it is not the product of chief value.

**Selected industries.**—The general tables at the end of this chapter give the principal facts separately for the industries of the state. A selection has been made of the leading industries of the state for more detailed consideration. Sometimes an industry of greater importance than some of those selected is omitted, because it comprises so few establishments that these detailed presentations would reveal the operations of individual concerns.

**Comparisons with previous censuses.**—Owing to the changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. Table I, giving comparable figures for 1909, 1904, and 1899, therefore, does not embrace all the industries shown for 1909 in Table II.

**Influence of increased prices.**—In considering changes in cost of materials, value of products, and value added by manufacture, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influencing the figures can not be taken as an exact measure of increase in the volume of business.

**Persons engaged in industry.**—At the censuses of 1909, 1904, and 1899 the following general classes of persons engaged in manufacturing industries have been distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks, and (5) wage earners. In the censuses of 1904 and 1899 these five classes were shown according to the three

main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. The second group included the three classes of salaried officers of corporations, superintendents and managers, and clerks. In the present census an entirely different grouping is employed: That into (1) proprietors and officials, (2) clerks, and (3) wage earners. The first group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers.

At this census the number of persons engaged in the industries, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for December 15, or the nearest representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where conditions were exceptional, and particularly in the case of certain seasonal industries, such as canning, the December date could not be accepted as typical, and an earlier date had to be chosen.

In the case of employees other than wage earners the number thus reported on December 15, or other representative day, has been treated as equivalent to the average for the year, since the number of employees of this class does not vary much from month to month in a given industry. In the case of wage earners the average is obtained in the manner explained in the next paragraph.

**Wage earners.**—In addition to the report by sex and age of the number of wage earners on December 15, or other representative day, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported each month by 12. The average thus obtained represents the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, the importance of any industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given for each separate industry, is not totaled for all industries combined, because in view of the variations of date such a total is believed not to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation.

In particular, totals by sex and age for the wage earners reported for the representative day would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners in the state as a whole, the following procedure has been adopted:

The percentage distribution by sex and age of the wage earners in each industry, for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. This percentage has been applied to the average number of wage earners for the year in that industry, to determine the average number of men, women, and children employed. These calculated averages for the several industries have been added up to give the average distribution for the state as a whole.

In 1899 and 1904 the schedule called for the average number of wage earners of each sex 16 years and over, and the total number under 16 years of age, for each month, and these monthly statements were combined in an annual average. Comparatively few manufacturing concerns, however, keep their books in such way as to show readily the number of men, women, and children (under 16) employed each month. These monthly returns by sex and age were, in fact, largely estimates. It was believed that a more accurate and reliable sex and age distribution could be secured by taking as a basis of estimate the actual numbers employed on a single day.

**Prevailing hours of labor.**—The census made no attempt to ascertain the number of employees working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one period to another are disregarded, and no attention is given to the fact that a limited number of employees may have hours differing from those of the majority. In the tables all the wage earners of each establishment are counted in the class within which the establishment itself falls. In most establishments, however, all or practically all the employees work the same number of hours, so that these figures give a substantially correct picture of the hours of labor in manufacturing industries.

**Capital.**—For reasons stated in prior census reports, the statistics of capital secured by the census canvass are so defective as to be without value, except as indicating very general conditions. The instructions on the schedule for securing capital were as follows:

The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises.

**Materials.**—Cost of materials refers to the materials used during the year, which may be more or less than the materials purchased during the year. The term materials includes fuel, rent of power and heat, mill supplies, and containers, as well as materials forming a constituent part of the product. Fuel includes all fuel used, whether for heat, light, or power, or for the process of manufacture.

**Expenses.**—Under "Expenses" are included all items of expense incident to the year's business, except interest, whether on bonds or other forms of indebtedness, and allowances for depreciation.

**Value of products.**—The value of products for any industry includes the total value of all products manufactured in establishments whose products of chief value fall under the industry designation. The amounts given represent the selling value at the factory of all products manufactured during the year, which may differ from the value of the products sold. Amounts received for work on materials furnished by others are included.

**Value added by manufacture.**—The value of products is not a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing process carried on in the industry itself. Another part of it, and often by far the larger part, represents the value of the materials used, which have been produced by agriculture or mining or by other industrial establishments. For many purposes, therefore, the best measure of the importance of different classes of industry is the value created as the result of the manufacturing operations carried on within the industry. This value is obtained by deducting the cost of the materials consumed from the value of the product. The figure thus obtained is termed in the census reports "value added by manufacture."

There is a further statistical advantage which "value added" has over gross value of products. In combining the value of products for all industries the value of products produced by one establishment and used as materials in another is duplicated, and the total, therefore, gives a greatly exaggerated idea of the wealth created. No such duplication takes place in the total "value added by manufacture."

**Cost of manufacture and profits.**—Census data do not show the entire cost of manufacture, and consequently can not be used to show profits. No account has been taken of interest and depreciation. Even if the amount of profit could be determined by deducting the expenses from the value of the products, the rate of profit on the investment could not properly be calculated, because of the very defective character of the returns regarding capital.

**Primary power.**—The figures given for this item show the total of the primary power used by the establishments. They do not cover the power developed by motors operated by such power, the inclusion of which would evidently result in duplication.

**Location of establishments.**—The Census Bureau has classified establishments by their location in cities or classes of cities. In interpreting these figures due consideration should be given to the fact that often establishments are located just outside the boundaries of cities, and are necessarily so classified, though locally they are looked upon as constituting a part of the manufacturing interests of the cities.

## INDUSTRIES IN GENERAL.

**General character of the state.**—California, with a gross area of 158,297 square miles, of which 2,645 represent water surface, ranks second in size among the states of the Union. Its population in 1910 was 2,377,549, as compared with 1,485,053 in 1900 and 1,213,398 in 1890. In 1910 the density of population for the entire state was 15.3 per square mile, the corresponding figure for 1900 being 9.5. It ranked twelfth among the 49 states and territories as regards population in 1910 and twenty-first in 1900. Sixty-one and eight-tenths per cent of the entire population of the state resided in 1910 in cities and incorporated towns having a population of 2,500 or over, as against 52.4 per cent in 1900.

San Francisco, with a population of 416,912, Los Angeles, with 319,198, and Oakland, with 150,174, were the only cities in the state having over 50,000 inhabitants in 1910, but there were 18 other cities having a population of 10,000 or over. (See table on page 684.) These 21 cities contained 53.3 per cent of the total population of the state in 1910, and were credited with 55.7 per cent of the total value of its manufactured products in 1909. Only 8.5 per cent of the population of the state resided in incorporated places of between 2,500 and 10,000 inhabitants.

San Francisco Bay, which has an area of about 450 square miles, is by far the most important harbor of the state. On this bay are located the cities of San Francisco and Oakland, the former being the most important port on the Pacific coast. Los Angeles and San Diego, in southern California, are the ports of the state next in importance. Several trunk lines and local railways, which operated 7,529 miles of track in 1909,<sup>1</sup> furnish excellent transportation facilities by land, and the lower courses of the Sacramento and San Joaquin Rivers are available for transportation by water. These two rivers, together with numerous smaller rivers and many mountain streams in various parts of the state, afford abundant water power, some of which is transformed into electric energy which in some instances is transmitted over exceptionally long distances.

The natural resources of the state give rise to several of its leading industries, such as the lumber industry, canning and preserving, flour milling and gristmilling, petroleum refining, the refining of beet sugar, the wine industry, and the manufacture of cement. The high

**Laundries.**—The census of 1909 was the first to include statistics of laundries. The reports are confined to establishments using mechanical power. The data are presented separately and are not included in the general total for manufacturing industries, in order to avoid interference with comparisons with prior censuses.

**Custom sawmills and gristmills.**—In order to make the statistics for 1909 comparable with those for 1904, the data for these mills have been excluded from all the tables presenting general statistics. Statistics for custom gristmills are given in a separate table at the end of this chapter. Statistics can not be shown for custom sawmills without disclosing the operations of the one establishment reported.

cost of fuel, the greater part of which had to be brought from outside the state, retarded the early development of manufactures, but the discovery of an abundance of oil in the state, the development of the oil fields, and the utilization during recent years of electricity generated by water power have given a decided impetus to manufactures in California.

**Importance and growth of manufactures.**—Although agriculture and mining are the principal industries in California, the state shows a marked growth in manufactures during the last 40 years. The gross value of products per capita of the total population increased from \$119 in 1869 to \$223 in 1909, and the proportion which the manufactures of the state represented of the total value of the products of manufacturing industries in the United States advanced from 1.6 per cent to 2.6 per cent during the same time. California ranked sixteenth among the states in 1869 in gross value of manufactured products, but had advanced to eleventh place in 1909.

The table on page 676 gives the most important figures relative to all classes of manufactures combined for 1909, 1904, and 1899, together with the percentages of increase from census to census.

In 1909 the state of California had 7,659 manufacturing establishments, which gave employment to an average of 141,576 persons during the year and paid out \$107,097,000 in salaries and wages. Of the persons employed, 115,296 were wage earners. These establishments turned out products to the value of \$529,761,000, to produce which materials costing \$325,238,000 were utilized. The value added by manufacture was thus \$204,523,000, which figure, as explained in the Introduction, best represents the net wealth created by manufacturing operations during the year.

The totals presented in this report do not include the statistics for an establishment operated by the Federal Government—the United States navy yard, located at Mare Island. In 1909 this plant employed an average of 1,917 wage earners and the value of the work performed was \$4,335,000.

In general, the table brings out the fact that the manufacturing industries of California, in most respects, showed a higher rate of development during the five-year period 1899–1904 than during the succeeding five-year period 1904–1909. During the period 1899–1904 the average number of wage earners increased 30 per cent, the value of products 42.7 per cent, and the

<sup>1</sup> Interstate Commerce Commission, Statistics of Railways in the United States, 1909.

value added by manufacture 63.8 per cent. For the later period, 1904-1909, the corresponding percentages were 14.9, 44.3, and 35, respectively. As pointed out in the Introduction, it would be improper to infer

that manufactures increased in volume to the full extent indicated by the figures relating to values, since the increase shown is certainly due, in part, to the increase that has taken place in the price of commodities.

	NUMBER OR AMOUNT.			PER CENT OF INCREASE.	
	1909	1904	1899	1904-1909	1899-1904
Number of establishments.....	7,659	6,839	4,997	12.0	36.9
Persons engaged in manufactures.....	141,576	120,040	( <sup>1</sup> )	17.9	.....
Proprietors and firm members.....	8,077	7,402	( <sup>1</sup> )	9.1	.....
Salariated employees.....	18,203	12,283	6,877	48.2	78.6
Wage earners (average number).....	115,296	100,355	77,224	14.9	30.0
Primary horsepower.....	329,100	210,359	126,953	56.4	65.7
Capital.....	\$537,134,000	\$282,647,000	\$175,468,000	90.0	61.1
Expenses.....	476,154,000	321,928,000	225,404,000	47.9	42.8
Services.....	107,097,000	79,056,000	47,385,000	35.5	66.8
Salaries.....	22,955,000	14,399,000	7,495,000	59.4	92.1
Wages.....	84,142,000	64,657,000	39,890,000	30.1	62.1
Materials.....	325,238,000	215,726,000	164,894,000	50.8	30.8
Miscellaneous.....	43,819,000	27,146,000	13,125,000	61.4	106.8
Value of products.....	529,761,000	367,218,000	257,386,000	44.3	42.7
Value added by manufacture (value of products less cost of materials).....	204,523,000	151,492,000	92,492,000	35.0	63.8

<sup>1</sup> Figures not available.

The relative importance and growth of the leading manufacturing industries of the state are shown in the table on page 677.

It should be borne in mind, in considering this table, that the value of products in some of the industries involves a certain amount of duplication due to the use of the products of one establishment in the industry as material for other establishments.

In addition to the 56 industries presented separately in the table, there are 24 other industries in the state which had a value of products in 1909 exceeding \$500,000.<sup>1</sup> These are included under the head of "All other industries" in the table in some cases because the operations of individual establishments would be disclosed if they were shown separately; in others, because the returns do not properly present the true condition of the industry, as it is interwoven with one or more other industries, and in still others because comparable statistics for prior census years are not available, or can not be presented on account of changes in classification. Of these 24 industries, those of special importance are the smelting and refining of lead, the refining of cane sugar, the smelting and refining of copper, the manufacture of beet sugar, the manufacture of explosives, and shipbuilding, including boat

building. The 1909 statistics, however, for the shipbuilding industry are given in Table II, page 706.

The most important industries listed in the table on page 677, in which they are arranged in the order of value of products, call for brief discussion in order to show the scope of the classifications where these are not on their face entirely clear, or to point out important facts in relation to the growth of the industries in the state.

*Lumber and timber products.*—This industry embraces logging operations, sawmills, planing mills, and establishments engaged in the manufacture of wooden-packing boxes. It does not include mills engaged exclusively in custom sawing. The industry is the leading one in the state, giving employment in 1909 to 22,935 wage earners, or 19.9 per cent of the total for all manufacturing industries, and the value of its products amounted to \$45,000,000, or 8.5 per cent of the total. While the growth of the industry during the five-year period 1904-1909 was considerable, its development was much less rapid than during the earlier period, 1899-1904.

*Slaughtering and meat packing.*—This classification includes the wholesale slaughtering and meat-packing establishments and those engaged in the manufacture of sausage only. The animals slaughtered are largely cattle and sheep from the foothills and lower mountain slopes and from the plateau region of the northeastern part of the state and southeastern Oregon, conditions in these sections being very favorable to stock raising. About half of the stock slaughtered is raised within the state.<sup>2</sup> The fact that within recent years the meat packers have been able to overcome, through refrigera-

<sup>1</sup> These industries are:

Artificial flowers and feathers and plumes.	Malt.
Awnings, tents, and sails.	Matches.
Bags, other than paper.	Mineral and soda waters.
Baking powders and yeast.	Oil, not elsewhere specified.
Beet sugar.	Roofing materials.
Cheese and cocoa products.	Shipbuilding, including boat building.
Cordage and twine and jute and linen goods.	Smelting and refining, copper.
Explosives.	Smelting and refining, lead.
Glass.	Soap.
Glass, cutting, staining, and ornamenting.	Sugar refining, not including beet sugar.
Iron and steel pipe, wrought.	Wirework, including wire rope and cable.
Lead, bar, pipe, and sheet.	Woolen, worsted, and felt goods, and wool hats.

<sup>2</sup> California: Its Products, Resources, Industries, and Attractions, 1909, p. 95.

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tion, climatic difficulties which required the excessive use of salt in preserving meats has been an important factor in the growth of this industry. The total value of

products reported for the industry in 1909, \$34,280,000, represents an increase of \$18,463,000, or 116.7 per cent, as compared with the amount reported for 1899.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. <sup>1</sup>			
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	Value of products.		Value added by manufacture.	
								1904-1909	1899-1904	1904-1909	1899-1904
<b>All industries</b> .....	<b>7,659</b>	<b>115,296</b>	<b>100.0</b>	<b>\$529,761,000</b>	<b>100.0</b>	<b>\$204,523,000</b>	<b>100.0</b>	<b>44.3</b>	<b>42.7</b>	<b>35.0</b>	<b>63.8</b>
Lumber and timber products.....	644	22,935	19.9	45,000,000	8.5	26,621,000	13.0	30.0	70.5	15.4	89.0
Slaughtering and meat packing.....	94	1,641	1.4	34,280,000	6.5	5,832,000	2.9	55.7	39.2	78.8	48.2
Canning and preserving.....	196	7,737	6.7	32,915,000	6.2	8,906,000	4.4	26.2	74.6	19.9	54.9
Foundry and machine-shop products.....	545	8,377	7.3	26,731,000	5.1	15,830,000	6.8	51.9	35.1	35.4	43.7
Flour-mill and gristmill products.....	125	945	0.8	25,188,000	4.8	3,296,000	1.6	24.7	54.9	7.3	51.9
Printing and publishing.....	1,240	7,568	6.6	25,032,000	4.7	18,705,000	9.1	30.9	80.7	28.1	83.0
Cars and general shop construction and repairs by steam-railroad companies.....	42	9,342	8.1	18,719,000	3.5	9,170,000	4.5	90.3	30.2	39.3	76.6
Petroleum, refining.....	29	630	0.8	17,875,000	3.4	3,080,000	1.5	31.6	72.6	14.6	67.9
Bread and other bakery products.....	864	4,018	3.5	17,710,000	3.3	7,333,000	3.6	66.8	117.7	50.8	115.8
Butter, cheese, and condensed milk.....	171	597	0.5	12,761,000	2.4	1,697,000	0.8	63.2	118.3	19.1	126.1
Leather, tanned, curried, and finished.....	40	1,398	1.2	9,367,000	1.8	2,328,000	1.1	16.0	9.0	7.8	35.3
Liquors, malt.....	83	1,296	1.1	9,319,000	1.8	6,700,000	3.3	24.1	47.7	28.5	38.2
Liquors, vinous.....	131	1,332	1.1	8,922,000	1.7	4,263,000	2.1	33.6	69.9	41.2	114.0
Gas, illuminating and heating.....	74	1,666	1.4	8,927,000	1.7	6,233,000	3.1	64.9	71.2	49.6	86.6
Copper, tin, and sheet-iron products.....	233	1,938	1.7	6,804,000	1.3	3,299,000	1.6	14.6	12.4	22.2	49.1
Cement.....	8	2,407	2.1	6,504,000	1.2	4,322,000	2.1	306.2	.....	361.3	.....
Coffee and spice, roasting and grinding.....	44	332	0.3	6,492,000	1.2	1,875,000	0.9	38.6	49.3	30.9	74.4
Food preparations.....	129	716	0.6	5,405,000	1.0	1,538,000	0.8	247.1	37.9	137.0	37.2
Liquors, distilled.....	33	193	0.2	5,333,000	1.0	4,618,000	2.2	359.5	389.5	471.9	1,280.9
Clothing, men's, including shirts.....	74	2,855	2.1	5,121,000	1.0	2,226,000	1.1	-2.2	11.0	-10.1	23.1
Furniture and refrigerators.....	129	1,633	1.4	4,496,000	0.9	2,638,000	1.3	58.6	123.5	70.9	125.7
Paint and varnish.....	35	396	0.3	3,735,000	0.7	1,108,000	0.5	58.6	88.2	59.8	118.3
Confectionery.....	89	1,022	0.9	3,624,000	0.7	1,480,000	0.7	3.4	95.9	-0.1	109.8
Iron and steel, steel works and rolling mills.....	5	1,038	0.9	3,520,000	0.7	1,172,000	0.6	136.4	65.3	65.1	80.2
Marble and stone work.....	128	1,415	1.2	3,383,000	0.6	2,197,000	1.1	41.1	113.5	58.1	84.4
Tobacco manufactures.....	332	1,465	1.3	3,360,000	0.6	2,145,000	1.0	5.3	69.1	2.3	82.7
Cars and general shop construction and repairs by street-railroad companies.....	21	1,902	1.6	3,000,000	0.6	1,837,000	0.9	145.0	.....	142.1	.....
Brick and tile.....	78	1,703	1.5	2,795,000	0.5	1,804,000	0.9	43.8	126.7	14.1	136.7
Agricultural implements.....	204	2,922	2.5	2,621,000	0.5	1,229,000	0.6	79.0	90.2	79.0	90.2
Iron, manufactured.....	77	666	0.6	2,331,000	0.4	1,767,000	0.9	78.3	155.8	75.3	157.8
Fertilizers.....	15	226	0.2	2,313,000	0.4	517,000	0.3	158.7	33.2	37.9	99.5
Leather goods.....	88	710	0.6	2,244,000	0.4	1,143,000	0.6	5.6	24.8	3.1	40.7
Coverage and wooden goods, not elsewhere specified.....	38	416	0.4	2,167,000	0.4	588,000	0.4	26.1	21.6	0.7	23.6
Mattresses and spring beds.....	35	328	0.5	2,164,000	0.4	921,000	0.4	114.3	144.0	72.1	196.8
Carriages and wagons and materials.....	155	760	0.7	2,052,000	0.4	1,203,000	0.6	-12.8	19.0	-14.8	25.0
Boots and shoes, including cut stock and findings.....	18	695	0.6	1,924,000	0.4	804,000	0.4	11.0	-6.9	9.5	-3.3
Pottery, terra-cotta, and fire-clay products.....	26	1,027	0.9	1,797,000	0.3	1,022,000	0.6	2.0	134.5	-5.4	176.6
Gas and electric fixtures and lamps and reflectors.....	41	553	0.5	1,715,000	0.3	965,000	0.5	.....	.....	.....	.....
Mattresses and spring beds.....	35	328	0.5	2,164,000	0.4	921,000	0.4	114.3	144.0	72.1	196.8
Electrical machinery, apparatus, and supplies.....	27	435	0.4	1,613,000	0.3	685,000	0.3	60.7	80.6	20.2	180.3
Firearms and ammunition.....	5	156	0.1	1,577,000	0.3	410,000	0.2	102.2	19.6	51.9	67.7
Jewelry.....	58	574	0.5	1,555,000	0.3	893,000	0.4	7.6	108.8	16.7	161.1
Patent medicines and compounds and druggists' preparations.....	89	310	0.3	1,540,000	0.3	910,000	0.4	7.2	-7.5	-0.2	12.9
Automobiles, including bodies and parts.....	41	478	0.4	1,470,000	0.3	770,000	0.4	3,983.3	.....	3,247.8	.....
Chemicals.....	13	244	0.2	1,306,000	0.2	544,000	0.3	16.2	-45.5	29.3	-3.6
Gloves and mittens, leather.....	22	570	0.5	1,231,000	0.2	673,000	0.3	35.1	-1.1	48.9	-6.3
Satinette, nitrile, and mixed goods.....	6	217	0.2	1,161,000	0.2	421,000	0.2	36.9	.....	32.6	.....
Rabbitbit metal and solder.....	5	82	(*)	1,120,000	0.2	273,000	0.1	55.3	30.9	108.4	50.6
Paper and wood pulp.....	4	312	0.3	969,000	0.2	529,000	0.3	61.2	.....	44.5	.....
Boxes, fancy and paper.....	19	624	0.5	965,000	0.2	523,000	0.3	84.2	59.3	84.8	45.1
Salt.....	19	402	0.3	796,000	0.1	504,000	0.2	73.9	12.9	65.1	17.5
Furnishing goods, men's.....	11	124	0.1	723,000	0.1	264,000	0.1	152.9	.....	-58.2	.....
Brass and bronze products.....	29	195	0.2	679,000	0.1	384,000	0.2	-27.8	15.9	-38.0	50.6
Artificial stone.....	66	320	0.3	647,000	0.1	423,000	0.2	92.4	.....	112.6	.....
Lime.....	15	410	0.4	609,000	0.1	397,000	0.2	6.5	.....	3.4	.....
Stores and furnaces, including gas and oil stoves.....	17	215	0.2	514,000	0.1	308,000	0.2	84.2	.....	70.2	.....
All other industries.....	976	14,341	12.4	131,835,000	24.9	33,588,000	16.3	.....	.....	.....	.....

<sup>1</sup> Percentages are based on figures in Table I: A minus sign (—) denotes decrease. Where the percentages are omitted, comparable figures can not be given. \* Less than one-tenth of 1 per cent.

**Canning and preserving.**—This classification includes the canning of fruits and vegetables, fish, oysters, clams, etc., the preparation of pickled, smoked, and dried fish, the packing of dried fruits by packing houses which make a specialty of such business, and the manufacture of pickles, preserves, jellies, sauces, etc., but

it does not include the drying and packing of fruits by the grower on the farm, nor does it include the canning of meats, soups, and similar products in meat-packing establishments (the statistics for which are included with those for the slaughtering and meat-packing industry). The climate of the state is especially

favorable to the growth of fruits of all kinds, and large quantities are canned, dried, and preserved for sale in the eastern and foreign markets. The canning, pickling, smoking, and drying of fish and the canning of oysters form comparatively unimportant branches of the industry. California far exceeds any other state in the value of products for this industry, the amount reported for 1909 being \$32,915,000, or 21 per cent of the total for the United States.

*Foundry and machine-shop products.*—This industry embraces, in addition to the general class of foundries and machine shops, establishments engaged in such special lines as the manufacture of gas machines and gas and water meters, hardware, plumbers' supplies, steam fittings and heating apparatus, and structural ironwork. It does not, however, include establishments which manufacture distinctive products covered by other classifications, such as cash registers and calculating machines, or electrical machinery, apparatus, and supplies. This industry ranked third among the manufacturing industries of the state in 1909 in number of wage earners, giving employment to 8,377, or 7.3 per cent of the total for all industries.

*Flour-mill and gristmill products.*—The statistics for all merchant mills grinding wheat, rye, buckwheat, corn, or other grains are included in this classification. It does not, however, include factories making fancy cereals or other food preparations as a chief product, or mills doing custom grinding exclusively. The statistics for the latter mills are presented separately on page 697. The industry shows an increase of \$12,143,000, or 93.1 per cent, in value of products during the decade 1899-1909.

*Printing and publishing.*—This classification includes job printing, the printing and publishing of books, newspapers and periodicals, and music, bookbinding, steel engraving, and lithographing. More establishments were reported for this industry in 1909 than for any other in the state. The 1,240 establishments reporting included 705 publishing newspapers and periodicals and 481 doing book and job work exclusively. The average number of wage earners employed in the newspaper and periodical branch of the industry was 3,650, and the value of products \$15,239,000; the average number of wage earners engaged in book and job work was 2,907, and the value of products \$7,438,000. These two branches of the industry together employed 86.8 per cent of the average number of wage earners and reported 90.6 per cent of the total value of products for the entire industry in 1909.

*Cars and general shop construction and repairs by steam-railroad companies.*—This industry represents the work done in the car shops operated by steam-railroad companies, but does not cover minor repairs in roundhouses. The operations consist almost exclusively of repairs to the rolling stock and equipment. It is seventh in importance, as measured by value of products, among the industries given in the table and

shows a remarkable development for the 10-year period. In 1909 the industry gave employment to an average of 9,342 wage earners, the second largest number reported for any manufacturing industry in the state, and the value of the work done amounted to \$18,719,000.

*Petroleum, refining.*—The recent development of the extensive oil fields of the state has made California the leading state of the Union in the production of crude petroleum. The refining of petroleum has made remarkable progress in the state during the last few years, the value of the products of the industry in 1909 being \$17,878,000, or over twenty-five times as great as in 1899, when it was only \$698,000.

*Butter, cheese, and condensed milk.*—This industry, which in California is confined chiefly to the manufacture of butter, has made marked progress during the past decade, the value of products increasing from \$3,583,000 in 1899 to \$12,761,000 in 1909, a gain of 256.2 per cent. The manufacture of cheese and condensed milk decreased materially during the period 1904-1909.

*Leather, tanned, curried, and finished.*—The tanning, currying, and finishing of leather did not become prominent in California until about 1861. From that time, however, it grew rapidly and since 1877 the local supply of hides and skins has not been large enough to satisfy the requirements of the industry, so that it has been necessary to supplement it by hides and skins brought in from other states or imported from foreign countries.<sup>1</sup> In 1879 there were 142 establishments in the state engaged in the leather industry, their total output being valued at \$6,193,573. Since that time the number of establishments has decreased, but, with the exception of a slight decrease during the first decade following 1879, the value of products has shown a substantial increase from census to census.

*Liquors, malt.*—This industry shows considerable growth for the decade, the gain both in value of products and in value added by manufacture being greater, however, for the five-year period 1899-1904 than for the following five-year period.

*Liquors, vinous.*—The extensive vineyards of California have placed this state far ahead of any other in the wine industry. In 1909 the value of products for the industry in the state, \$8,937,000, represented 68.1 per cent of the total for the United States, as compared with \$6,689,000, or 60.3 per cent, in 1904 and \$3,938,000, or 60.1 per cent, in 1899.

*Gas, illuminating and heating.*—The manufacture of gas is notable in California because of the extensive use of petroleum. On account of the lack of coal in the state, the product of the gas plants has been limited to the manufacture of carbureted water gas and oil gas. According to the statistics for 1909, the production of oil gas greatly exceeded that of carbureted water gas.

<sup>1</sup>The Commerce and Industries of the Pacific Coast, p. 189. History of California, Vol. VII, p. 91.

The total value of products reported for the industry in 1909 was \$8,927,000, an increase of \$5,765,000, or 182.3 per cent, over that for 1899.

**Cement.**—California has numerous beds of soft limestone and clay which are relatively low in magnesia and which are being utilized to a considerable extent for the manufacture of Portland cement. In 1904 there were four establishments engaged in the industry, employing 596 wage earners and reported products valued at \$1,601,000, while in 1909 the industry had increased to eight establishments, giving employment to an average of 2,407 wage earners and reporting a product valued at \$6,504,000. The counties in which the industry is most extensively carried on, named in order of importance, are Solano, Santa Cruz, and San Bernardino.

With the exception of the lumber industry, which holds first place on either basis, the rank of the industries shown separately in the preceding table in respect to value added by manufacture, differs considerably from their rank in value of products, which is the order in which they are arranged in the table. The printing and publishing industry ranks second among these industries in value added by manufacture, instead of slaughtering and meat packing, which falls to ninth place, while the foundry and machine-shop industry becomes third, instead of canning and preserving, which drops to fifth place. The steam-railroad repair shops rise from seventh place to fourth, the bakery industry from ninth to sixth, the brewery industry from twelfth to seventh, and the gas industry from fourteenth to eighth. On the other hand, the flour-mill and gristmill industry drops from fifth place to fourteenth, petroleum refining from eighth to thirteenth, and the butter, cheese, and condensed-milk industry from tenth to twenty-fifth.

A number of industries, particularly the butter, cheese, and condensed-milk, flour-mill and gristmill, slaughtering and meat-packing, and petroleum-refining industries, have a much lower rank in value added by manufacture and in average number of wage earners than in value of products. This condition is due mainly to the comparatively simple processes of manufacture existing in these industries, as a result of which by far the greater proportion of the gross value of products represents the cost of materials, while the proportion representing wages, which usually constitute the principal factor in value added by manufacture, is relatively small.

The percentages of increase or decrease in value of products and value added by manufacture for the five-year periods 1904-1909 and 1899-1904 are given for each industry presented separately in the preceding table for which comparable statistics are shown separately in Table I, page 698.

The automobile industry, which in California had its beginning but a short time prior to the census of 1904, shows a much higher rate of increase in both respects

from 1904 to 1909 than any other of these industries, the value of products in 1909 being more than forty times as great and the value added by manufacture more than thirty-three times as great as in 1904. The distillery, cement, food-preparation, and petroleum-refining industries also show remarkable increases in both value of products and value added by manufacture during the same period.

The making of women's clothing is the only industry shown separately in the table for which decreases in both value of products and value added by manufacture are shown for both five-year periods. The manufacture of men's clothing, of carriages and wagons, and of brass and bronze products show decreases in both respects for the later five-year period, 1904 to 1909, while for the confectionery industry and the manufacture of pottery, terra-cotta, and fire-clay products and of patent medicines and compounds and druggists' preparations decreases in value added by manufacture only are shown for that period. In addition to the women's clothing industry, four others show decreases in both value of products and value added by manufacture for the earlier five-year period, 1899-1904, while one shows a decrease in value of products only and one a decrease in value added by manufacture only.

The value of products of the breweries and the distilleries includes a very large amount of Federal internal-revenue tax, and is, therefore, misleading as an indication of the importance of these industries from a purely manufacturing standpoint. In the case of the wine industry the amount of internal-revenue tax included is much smaller relatively than in the other two liquor industries, as no internal-revenue tax is imposed upon wine made from grapes grown by the manufacturer himself, or upon wine made from purchased grapes when it is sold at the place where it is made or at the general business office of the manufacturer. The establishments included in this industry also make considerable quantities of brandy, some of which is sold, in which case it is subject to the regular internal-revenue tax on distilled liquors; most of the brandy made, however, is used in fortifying the wine produced in the same establishment and is not subject to tax.

**Persons engaged in manufacturing industries.**—The next table shows for 1909 the distribution of the number of persons engaged in manufactures, the average number of wage earners being distributed by sex and age. It should be borne in mind, however, that the sex and age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the Introduction.

The average number of persons engaged in manufactures during 1909 was 141,576, of whom 115,296 were wage earners. Of the remainder, 13,640 were proprietors and officials, and 12,640 were clerks. Corresponding figures for individual industries will be found in Table II, page 706.

CLASS.	PERSONS ENGAGED IN MANUFACTURES.		
	Total.	Male.	Female.
<b>All classes.....</b>	<b>141,578</b>	<b>123,929</b>	<b>17,647</b>
Proprietors and officials.....	13,640	13,293	* 347
Proprietors and firm members.....	2,077	7,830	251
Salaried officers of corporations.....	8,163	2,038	67
Superintendents and managers.....	3,460	3,431	29
Clerks.....	12,660	9,672	2,968
Wage earners (average number).....	115,296	100,964	14,332
16 years of age and over.....	114,236	100,218	14,018
Under 16 years of age.....	1,050	746	314

The following table shows, for 1909, the percentage of proprietors and officials, clerks, and wage earners, respectively, among the total number of persons employed in manufactures. It covers all industries combined and 20 important industries individually.

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.			
	Total number.	Per cent of total.		
		Proprietors and officials.	Clerks.	Wage earners (average number).
<b>All Industries.....</b>	<b>141,576</b>	<b>9.8</b>	<b>8.9</b>	<b>81.4</b>
Bread and other bakery products.....	5,801	21.2	3.6	69.3
Butter, cheese, and condensed milk.....	918	22.8	12.2	65.0
Canning and preserving.....	8,714	5.0	6.0	89.0
Cars and general shop construction and repairs by steam-railroad companies.....	9,688	0.7	2.8	96.4
Cement.....	2,531	1.0	3.6	95.5
Clothing, men's, including shirts.....	2,859	11.3	3.3	83.4
Coffee and spice, roasting and grinding.....	707	11.0	39.2	49.8
Copper, tin, and sheet-iron products.....	2,311	17.0	5.8	77.2
Flour-mill and gristmill products.....	1,304	14.0	9.0	76.1
Food preparations.....	1,108	23.1	12.3	64.6
Foundry and machine-shop products.....	10,218	9.8	8.2	82.0
Gas, illuminating and heating.....	2,538	6.7	27.7	65.6
Leather, tanned, curried, and finished.....	1,547	5.8	3.8	90.4
Liquors, distilled.....	264	17.8	9.1	73.1
Liquors, malt.....	1,626	16.5	9.8	73.7
Liquors, vinous.....	1,601	16.9	7.0	76.1
Lumber and timber products.....	25,079	4.8	3.8	91.5
Petroleum, refining.....	1,146	6.1	12.7	81.2
Printing and publishing.....	12,215	14.8	23.4	61.9
Slaughtering and meat packing.....	2,135	10.1	13.0	76.9
All other industries.....	46,388	11.4	8.5	80.1

Of the total number of persons engaged in all manufacturing industries, 9.6 per cent were proprietors and officials, 8.9 per cent clerks, and 81.4 per cent wage earners. In the bakery and the butter, cheese, and condensed-milk industries, and in the manufacture of food preparations, the majority of the establishments are comparatively small and the work is to a large extent done by the proprietors or their immediate representatives, so that the proportion of the persons engaged in these industries falling into the class of proprietors and officials is very much higher than for most other industries or for all industries combined. The smallest proportions shown for this class are for the steam-railroad repair shops and the cement industry, owing principally to the large number of wage earners employed per establishment in these industries.

The following table shows for 1909, in percentages, for all industries combined, the distribution of the average number of wage earners by age periods, and

for those 16 years of age and over by sex, calculated in the manner described in the Introduction. It also shows, for some of the important industries separately, a similar distribution of wage earners as reported for December 15, or the nearest representative day. As a means of judging the importance of the several industries the average number employed for the year is also given in each case.

INDUSTRY.	Average number. <sup>1</sup>	WAGE EARNERS.		
		Per cent of total.		Under 16 years of age.
		Male.	Female.	
<b>All industries.....</b>	<b>115,296</b>	<b>86.9</b>	<b>12.2</b>	<b>0.9</b>
Bread and other bakery products.....	4,018	80.3	18.8	0.9
Butter, cheese, and condensed milk.....	557	93.8	6.2	.....
Canning and preserving.....	7,757	91.4	56.3	2.2
Cars and general shop construction and repairs by steam-railroad companies.....	9,342	100.0	.....	(9)
Cement.....	2,497	99.9	.....	0.1
Clothing, men's, including shirts.....	2,385	17.4	82.4	0.2
Coffee and spice, roasting and grinding.....	352	62.8	36.6	0.6
Copper, tin, and sheet-iron products.....	1,938	94.4	5.2	0.4
Flour-mill and gristmill products.....	948	97.9	2.1	.....
Food preparations.....	716	68.0	31.7	0.3
Foundry and machine-shop products.....	8,377	100.0	.....	.....
Gas, illuminating and heating.....	1,666	100.0	.....	.....
Leather, tanned, curried, and finished.....	1,898	99.7	.....	0.3
Liquors, distilled.....	193	86.5	13.5	.....
Liquors, malt.....	1,296	100.0	.....	.....
Liquors, vinous.....	1,287	99.8	.....	.....
Lumber and timber products.....	22,925	99.9	0.6	0.2
Petroleum, refining.....	930	99.9	0.1	.....
Printing and publishing.....	81,909	15.1	15.1	2.4
Slaughtering and meat packing.....	1,641	97.4	1.8	0.8
All other industries.....	37,557	85.2	13.3	1.4

<sup>1</sup> For method of estimating the distribution, by sex and age periods, of the average number in all industries combined, see Introduction.

<sup>2</sup> Less than one-tenth of 1 per cent.

For all industries combined, 86.9 per cent of the average number of wage earners were males 16 years of age and over; 12.2 per cent females 16 years of age and over; and nine-tenths of 1 per cent children under the age of 16. A majority of the adult female wage earners were employed in the canning and preserving, men's clothing, and printing and publishing industries. Females 16 years of age or over formed a larger proportion (82.4 per cent) of the wage earners in the men's clothing industry than in any other important industry in the state. In the women's clothing industry slightly more than two-thirds of the wage earners belonged to this class, while in the manufacture of fancy and paper boxes and the confectionery industry the proportion exceeded three-fifths, and in the canning and preserving industry and the manufacture of leather gloves and mittens it exceeded one-half.

The canning and preserving and the printing and publishing industries, which were the only ones giving employment to an average of more than 100 wage earners under 16 years of age, together employed about one-third of the total number of such wage earners in all manufacturing industries of the state. The proportions which children formed of the total number of wage earners in these industries were also relatively high (2.2 per cent and 2.4 per cent, respec-

tively), although both were exceeded by that in the boot and shoe industry (5.6 per cent) and by those in other industries in which the actual number of children employed was small.

In order to compare the distribution of persons engaged in manufactures in 1909 with that shown at the census of 1904 it is necessary to use the classification employed at the earlier census. (See Introduction.) The following table makes this comparison according to occupational status:

CLASS.	PERSONS ENGAGED IN MANUFACTURES.				
	1909		1904		Per cent of increase, 1904-1909.
	Number.	Percent distribution.	Number.	Percent distribution.	
<b>Total</b> .....	141,576	100.0	120,040	100.0	17.9
Proprietors and firm members.....	8,977	5.7	7,402	6.2	9.1
Salaries employees.....	18,203	12.9	12,283	10.2	48.2
Wage earners (average number).....	115,296	81.4	100,355	83.6	14.9

Comparable figures are not obtainable for 1899. The table shows a much greater percentage of increase in the number of salaried employees than in that of the other two classes.

The table in the next column shows the average number of wage earners distributed according to age periods, and in the case of those 16 years of age and over according to sex, for 1909, 1904, and 1899. The averages for 1909 are estimated on the basis of the actual number reported for a single representative day. (See Introduction.)

The table shows that for all industries combined the proportion of wage earners under 16 years of age was decidedly less in 1909 than in 1899, the actual number

of such employees having decreased 42.5 per cent during this period. The proportion of adult female wage earners was less in 1904 than in 1899, and in 1909 than in 1904, although the actual number increased from 1899 to 1904 and was practically the same in 1909 as in 1904. Males 16 years of age and over formed 86.9 per cent of all wage earners in 1909, as compared with 84.4 per cent in 1904 and 79.7 per cent in 1899.

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1901		1899	
	Number.	Percent distribution.	Number.	Percent distribution.	Number.	Percent distribution.
<b>Total</b> .....	115,296	100.0	100,355	100.0	77,224	100.0
16 years of age and over.....	114,226	99.1	97,773	98.4	75,382	97.6
Male.....	100,218	86.9	84,688	84.4	61,574	79.7
Female.....	14,018	12.2	14,964	14.0	13,808	17.9
Under 16 years of age.....	1,960	0.9	1,383	1.6	1,842	2.4

**Wage earners employed, by months.**—The following table gives the number of wage earners employed on the 15th of each month during the year 1909, for all industries combined, and for all other industries combined; it gives also the percentage which the number reported for each month is of the greatest number reported for any month. In Table II, page 706, are shown, for the majority of the important industries in the state, the largest number and also the smallest number of wage earners reported for any month. The figures are for the 15th day, or the nearest representative day, of the month. The wage earners for the lumber industry are divided in the table below in such a manner as to show separately the number engaged in the mills and in the logging operations.

MONTH.	WAGE EARNERS.											
	All industries.				Canning and preserving.		Lumber and timber products.				All other industries.	
	Total.		In logging operations.		Total.		In mills.		In logging operations.		Total.	
	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.
January.....	94,747	71.6	2,854	17.8	14,401	49.7	12,150	63.5	2,251	22.8	77,492	85.1
February.....	94,252	71.5	2,781	17.3	14,441	49.8	12,674	61.1	2,367	24.0	77,650	84.6
March.....	100,372	75.9	2,870	17.9	16,825	58.0	12,793	66.8	4,032	40.9	89,677	88.6
April.....	106,457	82.0	3,878	24.2	21,833	75.4	15,014	78.4	6,830	69.4	82,706	90.8
May.....	115,839	87.6	5,063	31.6	26,755	92.3	17,525	91.5	9,230	93.7	84,021	92.3
June.....	119,911	90.6	6,808	42.4	28,533	98.4	18,881	97.6	9,652	99.9	84,570	92.6
July.....	121,886	94.4	11,667	72.1	28,898	100.0	19,131	99.9	9,835	100.0	84,533	92.6
August.....	131,292	99.2	16,047	100.0	28,961	99.9	19,148	100.0	9,813	99.6	86,194	94.9
September.....	132,280	100.0	14,781	92.1	27,932	96.4	18,833	96.4	9,099	92.3	89,567	98.3
October.....	129,864	98.2	12,832	80.7	25,835	95.1	17,990	94.0	7,845	79.6	91,077	100.0
November.....	121,486	91.8	8,861	55.8	22,897	78.7	16,897	88.2	5,910	60.0	89,728	98.2
December.....	119,281	83.4	4,945	28.3	17,894	61.7	14,792	77.3	3,099	31.4	87,842	96.3

Canning and preserving is a seasonal industry, giving employment to a large number of persons in July, August, September, and October, and to a comparatively small number during most of the other months of the year. The number of wage earners

employed in the industry varied from 2,781 in February to 16,047 in August. The variation of employment in the lumber industry was not so great, but as this industry employed a much larger average number of wage earners than the canning and preserving indus-

try, it exerted a greater influence upon the total number of wage earners employed in all manufacturing industries in the state. The number reported for this industry in January, the month of minimum employment, was 14,585 less than the number shown for July, the month of maximum employment, the variation in this one industry representing nearly one-half of the total variation between the numbers employed during these months in all industries combined. There are other seasonal industries in the state not shown in the table because the numbers of wage earners employed are too small to affect the totals materially. In the manufacture of beet sugar the maximum, 3,420, was reported for September and

the minimum, 772, for February, while in the production of vinous liquors the greatest number, 2,868, was employed in October and the smallest, 793, in June.

**Prevailing hours of labor.**—In the following table wage earners have been classified according to the hours of labor prevailing in the establishments in which they are employed. In making this classification the average number of wage earners employed during the year is used, and the number employed in each establishment is classified as a total according to the hours prevailing in that establishment, even though a few employees work a greater or less number of hours.

INDUSTRY.	AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS GROUPED ACCORDING TO PREVAILING HOURS OF WORK PER WEEK.								
	Total.	48 and under.	Between 48 and 64.	64.	Between 64 and 60.	60.	Between 60 and 72.	72.	Over 72.
All industries.....	115,296	22,765	9,652	34,674	6,988	31,107	7,125	386	2,619
Agricultural implements.....	622	2		584		20	16		
Artificial stone.....	330	191	19	110					
Automobiles, including bodies and parts.....	478	42	8	201		166	1		
Barbit metal and solder.....	32	13		15		24			
Boots and shoes, including cut stock and findings.....	605			641		35	19		
Boxes, fancy and paper.....	624	56	171	397					
Brass and bronze products.....	195	19	113	25	35	3			
Bread and other bakery products.....	4,018	413	55	1,632	644	1,011	278	33	32
Brick and tile.....	1,703	186		1,410		72	10		
Butter, cheese, and condensed milk.....	597	58	11	56	85	129	244	5	18
Canning and preserving.....	7,757	332	53	428	147	6,083	514	46	154
Carrriages and wagons and materials.....	769	270	48	327	40	72	32	3	
Cars and general shop construction and repairs by steam-railroad companies.....	9,342	76		7,701	12	1,461	32		
Cars and general shop construction and repairs by street-railroad companies.....	1,902	36	291	1,457					
Cement.....	2,407	1			212		1,986		208
Chemicals.....	244	1		24		160			59
Clothing, men's, including shirts.....	2,385	1,327	721	178		124	35		
Clothing, women's.....	791	328	169	187		145	23		
Confectionery.....	352	53	63	183	10	43			
Coffee and spices, roasting and grinding.....	1,002	119	156	489	147	74	17		
Cooperage and wooden goods, not elsewhere specified.....	416	36	37	301		22	20		
Copper, tin, and sheet-iron products.....	1,938	1,138	160	256	366	18			
Electrical machinery, apparatus, and supplies.....	435	133	75	199	27	1			
Fertilizers.....	226	8	1	97	12	64	24		
Firearms and ammunition.....	156	9		46	101				
Flour-mill and gristmill products.....	948	117	71	77	53	371	255	4	
Food preparations.....	716	100	45	137	100	307	27		
Foundry and machine-shop products.....	8,377	1,336	2,774	2,886	1,218	414	69		
Furnishing goods, men's.....	134	58	43	33					
Furniture and refrigerators.....	1,603	835	30	663	89	37			
Gas and electric fixtures and lamps and reflectors.....	553	246	23	284		4			
Gas, illuminating and heating.....	1,666	127	7		965	4	533	8	22
Gloves and mittens, leather.....	579		349						
Ice, manufactured.....	606	32		28	102	256	131	1	116
Iron and steel, steel works and rolling mills.....	1,038		348	69	179	442			
Jewelry.....	574	35	80	379	25	12	25		18
Leather goods.....	710	36	68	584	5	17			
Leather, tanned, curried, and finished.....	1,398		67	1,193	116	20			
Lime.....	410	6		94	1	127	182		
Liquors, distilled.....	193			111	5	67	8	2	
Liquors, malt.....	1,296	1,215		21	41	10	3	4	2
Liquors, vinous.....	1,287	33	4	306	215	387	318	23	1
Lumber and timber products.....	22,535	3,859	68	2,709	228	14,732	1,324	15	
Marble and stone work.....	1,415	1,022	23	93	223	34	20		
Mattresses and spring beds.....	528	249	75	204					
Paint and varnish.....	396	28	27	285	55	1			
Paper and wood pulp.....	312		4		181		116	15	
Patent medicines and compounds and druggists' preparations.....	310	118	117	66	9				
Petroleum, refining.....	930	25		485	31	18	64	22	285
Pottery, terra-cotta, and fire-clay products.....	1,027	18		660		259	99		
Printing and publishing.....	7,556	5,485	1,638	778	119	119	17		
Sauces.....	462		64			288			
Slaughtering and meat packing.....	1,641	55	37	455		1,029	47	6	12
Stoves and furnaces, including gas and oil stoves.....	215	81	42	92					
Sulphuric, nitric, and mixed acids.....	217			100		33	82	2	
Tobacco manufactures.....	1,405	1,048	152	87		182	75	1	
All other industries.....	14,341	1,917	2,069	5,776	1,048	1,974	542	148	1,667

It is evident from these figures that for the majority of wage earners employed in the manufacturing industries of California the usual hours of labor ranged from 54 to 60 a week; 28.1 per cent of the total were, however, employed in establishments where a week of less than 54 hours prevailed, and 8.8 per cent in establishments where the prevailing hours were more than 60 a week.

In a number of industries, conspicuous among which are the tanning, currying, and finishing of leather, the brick and tile industry, and the steam-railroad repair shops, the employment was mainly confined to a week of 54 hours. More than three-fourths of the wage earners

in the canning and preserving industry and more than three-fifths of those in the lumber and slaughtering and meat-packing industries, however, were employed in plants where 60 hours constituted a week's work, while over nine-tenths of the wage earners employed in the breweries and nearly three-fourths of those employed in the printing and publishing industry and in marble and stone work were in establishments where the prevailing hours were 48 or less per week.

**Location of establishments.**—The following table shows the extent to which the manufactures of California are centralized in cities of 10,000 inhabitants or over. (See Introduction.)

ITEM.	Year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 AND OVER.								DISTRICTS OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 AND OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.		Number or amount.	Per cent of total.
			Number or amount.	Per cent of total.	Number or amount.	Per cent of total.	Number or amount.	Per cent of total.	Number or amount.	Per cent of total.		
Population.....	1910	2,377,549	1,266,930	53.3	196,701	8.3	183,945	7.5	886,284	37.3	1,110,619	46.7
	1900	1,485,053	640,357	43.1	98,854	6.7	96,242	6.7	445,201	30.0	844,696	56.9
Number of establishments.....	1909	7,659	4,881	63.7	666	8.7	653	8.5	3,562	46.5	2,778	36.3
	1899	4,997	2,967	59.4	379	7.6	306	6.1	2,282	45.7	2,030	40.6
Average number of wage earners.	1909	115,296	69,599	60.4	8,523	7.4	8,598	7.5	52,476	45.5	45,697	39.6
	1899	77,224	47,953	62.1	4,063	5.3	6,162	8.0	37,728	48.9	29,271	37.9
Value of products.....	1909	\$329,760,528	\$294,851,479	55.7	\$40,393,144	7.6	\$30,488,066	5.8	\$223,970,269	42.3	\$234,909,049	44.3
	1899	257,385,521	151,245,681	58.8	14,225,527	5.5	14,862,891	5.8	122,157,233	47.5	106,139,840	41.2
Value added by manufacture.....	1909	204,522,454	125,929,111	61.6	14,791,657	7.2	14,144,347	6.9	96,993,167	47.4	78,593,343	38.4
	1899	92,491,252	60,571,549	65.5	5,223,451	5.6	6,814,012	7.4	48,534,086	52.5	31,919,737	34.5

In 1909, 55.7 per cent of the total value of manufactured products was reported from cities having over 10,000 inhabitants, and 60.4 per cent of the average number of wage earners in manufacturing industries were employed in such cities. The figures indicate that there has been a considerable decrease during the last 10 years in the relative industrial importance of this class of cities, largely on account of the rapid growth of the lumber and petroleum-refining industries, which are mainly carried on outside of cities of this size, and also in part because of the setback given to the manufacturing industries of San Francisco by the earthquake and fire of 1906.

As a result of the increase during the decade in the population of certain cities, the composition of the groups shown in the table differs considerably for the two censuses. For 1909 the group of cities having over 100,000 inhabitants comprises San Francisco, Los Angeles, and Oakland; in 1900, however, the population of Oakland was less than 100,000, so that for 1899 it is included in the group made up of cities having between 25,000 and 100,000 inhabitants. Berkeley, San Diego, and San Jose, which for 1909 are included in this latter group, had less than 25,000 inhabitants in 1900, and for 1899, therefore, their statistics are included with those for the cities having between 10,000 and 25,000 inhabitants. Pasadena, which for 1909 is included in the group of cities having between 25,000 and 100,000 inhabitants and

Long Beach, Riverside, San Bernardino, Bakersfield, Eureka, Santa Barbara, Vallejo, Santa Cruz, Redlands, and Pomona, which are included in the group comprising cities having between 10,000 and 25,000 inhabitants, all had less than 10,000 inhabitants in 1900, so that for 1899 their statistics are not included with those for incorporated places of this size. The total value of products in 1909 for the 11 cities last mentioned was \$16,623,644, representing 3.1 per cent of the total for the state. The cities having a population of over 10,000 in 1900 thus reported only 52.6 per cent of the total value of manufactured products in 1909, as compared with 58.8 per cent in 1899, showing that the growth of the manufacturing industries in these cities has not kept pace with that of the industries in the remainder of the state.

A somewhat larger proportion of the total number of wage earners in manufacturing industries, value of manufactured products, and value added by manufacture was reported in 1909 from cities having between 10,000 and 25,000 inhabitants than in 1899. The proportions of the total number of wage earners and value added by manufacture reported from cities having between 25,000 and 100,000 inhabitants, on the other hand, were slightly smaller, while the proportion of the total value of manufactured products reported from such cities was the same in both years. The cities having a population of over 100,000 show a considerable decrease in their proportion of the

totals for each of these three items, which was doubtless due in considerable measure to the disastrous effects of the earthquake and fire of 1906 in San Francisco. The addition of Oakland to these cities in 1909 and the rapid growth of the manufacturing industries of Los Angeles were, however, sufficient to counterbalance the actual losses sustained by San Francisco between 1904 and 1909, so that the absolute figures for this class of cities show marked increases in 1909 as compared with 1899. Of the total value of products shown for the state in 1909, 7.6 per cent was reported from the 13 cities having between 10,000 and 25,000 inhabitants; 5.8 per cent from the 5 cities having between 25,000 and 100,000 inhabitants; and 42.3 per cent from the 3 cities having over 100,000 inhabitants.

The population in 1910 and 1900 of the 21 cities which had 10,000 inhabitants or over in 1910 is given in the following tabular statement:

CITY.	1910	1900	CITY.	1910	1900
San Francisco.....	416,912	342,782	Long Beach.....	17,809	2,222
Los Angeles.....	319,198	162,479	Riverside.....	16,212	7,973
Oakland.....	150,174	66,900	San Bernardino.....	15,779	6,150
Sacramento.....	44,606	29,282	Fullerton.....	12,727	4,836
Berkeley.....	40,434	13,214	Eureka.....	11,845	7,327
San Diego.....	39,578	17,705	Santa Barbara.....	11,639	6,587
Fresno.....	39,291	5,117	Vallejo.....	11,340	7,965
San Jose.....	28,946	21,500	Santa Cruz.....	11,146	5,859
Palo Alto.....	24,892	12,470	Redlands.....	10,449	4,797
Alameda.....	23,383	16,464	Pomona.....	10,207	5,526
Stockton.....	23,253	17,506			

The relative industrial importance of each of the foregoing cities is shown in the following table, in which the value of products and the average number of wage earners are shown separately for 1909, 1904, and 1899, so far as comparative figures are available:

CITY.	AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.		
	1909	1904	1899	1909	1904	1899
San Francisco.....	28,244	38,429	32,555	\$133,941,069	\$137,788,233	\$107,623,567
Los Angeles.....	17,357	10,424	5,172	68,506,774	34,841,475	15,132,696
Oakland.....	6,905	383	2,476	22,342,926	9,014,705	5,368,288
Sacramento.....	4,514	4,203	3,686	13,976,911	10,672,853	9,494,633
Stockton.....	1,594	333	1,479	11,509,252	8,029,029	5,525,391
Fresno.....	1,938	1,915	819	11,099,195	9,753,632	2,752,204
San Jose.....	1,430	1,260	1,221	5,610,427	4,298,216	3,291,641
San Diego.....	1,071	541	285	4,740,590	1,974,430	663,682
San Bernardino.....	1,064	338	211	4,435,374	1,473,888	651,286
Eureka.....	946	(*)	(*)	3,011,682	(*)	(*)
Bakersfield.....	746	(*)	(*)	2,335,744	(*)	(*)
Alameda.....	915	279	372	2,554,417	606,761	1,355,326
Vallejo.....	203	(*)	(*)	1,805,562	(*)	(*)
Fullerton.....	499	318	177	1,734,304	965,695	330,578
San Bernardino.....	729	(*)	(*)	1,629,705	(*)	(*)
Riverside.....	267	(*)	(*)	1,177,962	(*)	(*)
Santa Barbara.....	265	(*)	(*)	1,169,135	(*)	(*)
Santa Cruz.....	274	(*)	(*)	1,161,269	(*)	(*)
Long Beach.....	277	(*)	(*)	927,180	(*)	(*)
Pomona.....	224	(*)	(*)	839,661	(*)	(*)
Redlands.....	147	(*)	(*)	518,320	(*)	(*)

\* Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

† Figures not available.

With the single exception of San Francisco, every city for which comparative statistics are presented shows an increase in value of products from 1904 to 1909, while all except Alameda show an increase from 1899 to 1904. The greatest relative gain from 1904 to 1909, 266.6 per cent, was made by Alameda, and was due in part to the establishment there of foundries and

machine shops as a new industry, to the increased output of the planing mills, and to greater activity in the shipbuilding industry. The next largest relative increase, 200.9 per cent, is that reported for Berkeley, which was the result mainly of the increased output of its foundries and machine shops, bakeries, and planing mills, the increased production of coconut oil and the establishment of new industries, such as the manufacture of fertilizers, the refining of petroleum, and the canning and preserving industry. The remarkable increases shown for Alameda and Berkeley and also for Oakland are doubtless due largely to the influx of population and business from San Francisco following the earthquake in 1906. The greatest gains shown for the decade 1899-1909 are those of 607.9 per cent for San Diego and 581 per cent for Berkeley. San Francisco shows a decrease of 3.4 per cent in 1909 as compared with 1904, indicating that the city had not yet recovered from the effects of the earthquake and fire of April, 1906; owing, however, to the gain from 1899 to 1904, the figures for 1909 represent an increase of 24.3 per cent as compared with 1899.

In 1909 San Francisco reported 25.1 per cent of the total value of products and 24.5 per cent of the average number of wage earners for all manufacturing industries in the state. The corresponding proportions for 1899 were 41.6 per cent and 42.2 per cent, respectively. Measured by value of products, San Francisco held sixteenth place among the manufacturing cities of the United States in 1909, thirteenth in 1904, and twelfth in 1899. The effect of the earthquake and fire of 1906 upon the manufacturing industries of the city is indicated to some extent by the next table, which shows for the 15 leading industries presented separately in Table I the value of products in 1909 and 1904, with the percentage which it formed of the total for the industry in the state, the percentage of increase or decrease in 1909 as compared with 1904, and the rank of the industry in the city in value of products in each year.

Six of the 15 industries included in the table show decreases in value of products in 1909 as compared with 1904, the largest decrease, 23.4 per cent, or nearly one-fourth, being in the men's clothing industry, although an even larger decrease, 65.5 per cent, was reported for the paint and varnish industry, which is not shown in the table. The roasting and grinding of coffee and spice, the tanning, currying, and finishing of leather, the furniture and refrigerator industry, and the manufacture of food preparations are the only industries showing any considerable increase. In the case of all of the industries shown in the table, with the exception of the tanning, currying, and finishing of leather and the furniture and refrigerator industry, the value of products reported from San Francisco represented a smaller proportion of the state total in 1909 than in 1904, the difference in

some cases being considerable. Of the total value of products for the men's clothing industry, for example, only 71.9 per cent was reported from this city in 1909, as compared with 91.7 per cent in 1904. Changes have also occurred in the ranking of the different industries shown in the table, on the basis of value of products, although the printing and publishing industry was first in both years. The foundry and machine-shop and the slaughtering and meat-packing industries, which ranked second and third, respectively, in 1904, had changed places in 1909, mainly as the result of the decrease shown for the former industry. The men's clothing industry, which ranked fifth in 1904, had dropped to eighth place in 1909, while the manufacture of copper, tin, and sheet-iron products dropped from seventh place in 1904 to ninth in 1909, and the brewery industry from eighth in 1904 to eleventh in 1909. On the other hand, the rank of the roasting and grinding of coffee and spice, the lumber industry, the tanning, currying, and finishing of leather, and the manufacture of furniture and refrigerators was higher in 1909 than in 1904.

INDUSTRY.	VALUE OF PRODUCTS.				RANK. <sup>1</sup>	
	1909		1904			
	Amount.	Per cent of total for state.	Amount.	Per cent of total for state.		
				Per cent of increase, 1904-1909. <sup>2</sup>		
Printing and publishing.....	\$12,201,000	48.7	\$10,847,000	56.7	12.5	1
Slaughtering and meat packing.....	10,270,000	30.0	9,209,000	41.8	11.5	2
Foundry and machine-shop products.....	9,622,000	30.0	10,525,000	59.8	-8.6	3
Bread and other bakery products.....	5,208,000	29.7	4,882,000	46.0	7.9	4
Coffee and spice, roasting and grinding.....	4,973,000	76.6	3,980,000	85.0	24.9	5
Canning and preserving.....	4,776,000	14.5	4,636,000	17.8	3.0	6
Lumber and timber products.....	4,378,000	9.7	3,980,000	11.5	10.0	7
Clothing, men's, including shirts.....	3,682,000	71.9	4,504,000	91.7	-23.4	8
Copper, tin, and sheet-iron products.....	3,645,000	53.0	4,529,000	76.3	-19.5	9
Leather, tanned, curried, and finished.....	3,622,000	38.7	2,718,000	33.7	33.5	10
Liquors, malt.....	3,483,000	37.4	4,110,000	54.7	-15.2	11
Furniture and refrigerators.....	3,057,000	68.0	1,836,000	64.8	66.5	12
Flour-mill and gristmill products.....	2,781,000	11.0	3,423,000	16.9	-18.8	13
Food preparations.....	2,436,000	44.2	999,000	62.9	143.8	14
Tobacco manufactures.....	1,830,000	54.6	2,028,000	63.5	-9.6	15

<sup>1</sup> Excluding from consideration industries not shown separately in Table I.  
<sup>2</sup> A minus sign (-) denotes decrease.

In addition to the industries included in the preceding table, sugar refining was one of the more important industries in San Francisco during 1909, but the statistics for this industry can not be shown separately without disclosing the operations of individual establishments. There were eight other industries in the city reporting products valued at more than \$1,000,000 in 1909 for which separate statistics can not be presented for the same reason.<sup>1</sup>

<sup>1</sup> These industries are:  
 Bahbit metal and solder.  
 Gas, illuminating and heating.  
 Baking powders and yeast.  
 Cars and general shop construction and repairs by steam-railroad companies.  
 Chocolate and cocoa products.  
 Gas, illuminating and heating.  
 Shipbuilding, including boat building.  
 Wirework, including wire rope and cable.

There was a remarkable growth in the building operations of the city from 1904 to 1909, which is reflected in the increases in value of products reported for such industries as the manufacture of artificial stone (268.3 per cent), the structural-ironwork branch of the foundry and machine-shop industry (129.8 per cent), and the planing-mill branch of the lumber industry (18.7 per cent).

The value of products of the manufacturing industries of Los Angeles increased \$33,771,799, or 97 per cent, from 1904 to 1909, the absolute increase being greater than that reported for any other city in the state. The increase for the decade as a whole was 353.2 per cent. Of the total value of manufactures for the state in 1909, 12.9 per cent was reported from this city. The average number of wage earners in the manufacturing industries of the city shows an increase of 66.2 per cent from 1904 to 1909 and 235 per cent for the decade. The leading industries of the city are shown in the following table, which gives the value of products reported for each industry in 1909, together with the percentage which it formed of the total for the industry in the state and the percentage of increase as compared with 1904:

INDUSTRY.	VALUE OF PRODUCTS.		
	Amount.	Per cent of state total.	Per cent of increase over 1904.
Foundry and machine-shop products.....	\$7,777,000	29.1	118.6
Slaughtering and meat packing.....	7,464,000	21.8	84.8
Lumber and timber products.....	5,684,000	12.6	110.5
Flour-mill and gristmill products.....	5,347,000	21.2	91.0
Printing and publishing.....	5,192,000	20.7	48.0
Bread and other bakery products.....	4,900,000	26.4	167.8
Cars and general shop construction and repairs by steam-railroad companies.....	3,302,000	15.0	116.9
Liquors, malt.....	1,457,000	15.6	82.6
Butter, cheese, and condensed milk.....	1,417,000	11.1	109.3
Petroleum, refining.....	1,406,000	7.9	235.0
Canning and preserving.....	1,255,000	3.8	32.9
Coffee and spice, roasting and grinding.....	1,150,000	17.7	131.4
Copper, tin, and sheet-iron products.....	1,124,000	16.5	118.2

The rapid growth of the manufacturing industries of the city is brought out clearly by the fact that in 8 out of the 13 industries included in the table the value of products more than doubled during the five-year period.

Oakland ranks third among the cities of the state in value of manufactured products, showing an increase in that respect of \$13,328,221, or 147.8 per cent, from 1904 to 1909 and \$16,974,668, or 316.2 per cent, from 1899 to 1909. The leading industries of the city were bakeries, canning and preserving, the manufacture of cordage and twine, foundries and machine shops, the gas industry, the lumber industry, printing and publishing, steam-railroad repair shops, and steel works and rolling mills. The increase in the industrial importance of the city during the five-year period 1904-1909 was due largely to the growth of the brewery, lumber, foundry and machine-shop, bakery, printing and publishing, and canning and preserving industries, these six

industries contributing 37.4 per cent of the total increase in value of products for all manufacturing industries of the city during that period. The increase in the canning and preserving industry was particularly marked, the value of products for this industry in 1909 being more than 15 times as great as in 1904.

In Sacramento, the capital of the state, steam-railroad repair shops constituted the most important industry, with steel works and rolling mills next in rank. The brewing of malt liquors, the flour-mill and gristmill industry, canning and preserving, and printing and publishing were other important industries. In Stockton the flour-mill and gristmill industry led all others, the value of its products representing nearly one-half of the total value of manufactures reported for the city. The manufacture of agricultural implements was also an important industry, 66.5 per cent of the total value of products for this industry in California being reported from Stockton.

In Fresno the canning and preserving industry, which is there confined largely to the drying of fruits, especially of raisins, was the leading industry in 1909, contributing 69.6 per cent of the total value of all manufactured products of the city. The city is one of the principal centers of the canning and preserving industry of the state, reporting nearly one-fourth of the total value of products for this industry in California and a much larger proportion of the total value of dried fruits. Canning and preserving was also the leading industry in San Jose, the output of the industry representing 31.4 per cent of the total value of all manufactured products for that city. Other important industries were printing and publishing, foundries and machine shops, and bakeries. The most important industries in San Diego were the lumber industry, flour mills and gristmills, slaughtering and meat packing, printing and publishing, and bakeries.

The foundry and machine-shop industry outranked all others in Berkeley in 1909, the value of its products in that year being nearly 121 times that in 1904. Other leading industries, named in order of their relative importance, were the manufacture of coconut oil included under "Oil, not elsewhere specified," the fertilizer industry, and bakeries. The chief industry in Alameda was shipbuilding, this city reporting nearly one-fourth of the total value of products for this industry in the state. The lumber and the foundry and machine-shop industries, and the manufacture of pottery, terra-cotta, and fire-clay products were other important industries. In Eureka the

lumber industry was the leading branch of manufacture in 1909, contributing nearly one-half of the total value of manufactured products reported for the city. This city also reported a considerable output of factory-made butter.

In the remaining cities shown in the table the chief industries were as follows: In Bakersfield and San Bernardino, steam-railroad repair shops; in Vallejo and Long Beach, flour mills and gristmills; in Pasadena, the planing-mill branch of the lumber industry; in Riverside and Santa Barbara, slaughtering and meat packing; in Santa Cruz, the tanning, currying, and finishing of leather; and in Pomona and Redlands, canning and preserving.

**Character of ownership.**—The table on page 687 has for its purpose the presentation of conditions in respect to the character of ownership, or legal organization, of manufacturing enterprises. For all industries combined comparative figures are given covering the censuses of 1909 and 1904. Comparative data for 1899 are not available. Figures for 1909 only are presented for several important industries individually. In order to avoid disclosing the operations of individual concerns it is necessary to omit the statistics for several important industries from this table and the one following.

The most important distinction shown is that between corporate and all other forms of ownership. In all industries combined, 32.1 per cent of the total number of establishments were in 1909 under corporate ownership, as against 67.9 per cent under all other forms. The corresponding figures for 1904 were 28 per cent and 72 per cent, respectively. The establishments operated by corporations, however, reported 82.9 per cent of the total value of products in 1909, as against 17.1 per cent for those under all other forms of ownership, while in 1904 the corresponding figures were 76.5 per cent and 23.5 per cent, respectively. The greatest decrease in relative importance from 1904 to 1909 is shown for the establishments operated by individuals, which represented 45.9 per cent of the total number of establishments in 1909, as compared with 49.3 per cent in 1904, although the actual number increased from 3,375 to 3,516 during the same five-year period.

Establishments under corporate ownership reported more than one-half of the total value of products for each industry shown separately in the table, with the exception of the bakery industry, although in all but three of the industries such establishments constituted less than one-half of the total number.

STATISTICS OF MANUFACTURES.

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INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
<b>ALL INDUSTRIES:</b>					<b>Flour-mill and gristmill products, 1909.</b>				
1909	7,459	115,236	\$325,769,528	\$264,522,454	Individual	125	948	\$25,148,133	\$3,296,182
1904	6,829	100,853	287,218,494	191,492,080	Firm	33	109	2,451,416	275,969
Individual					Firm	21	51	951,061	114,929
1909	3,516	12,764	49,909,595	23,709,907	Corporation <sup>1</sup>	71	788	21,705,656	2,906,284
1904	3,373	15,237	47,308,837	24,093,083	Per cent of total.				
Firm					Individual	100.0	100.0	100.0	100.0
1909	1,997	9,342	36,330,495	15,624,296	Individual	26.4	11.5	8.8	8.4
1904	1,472	10,327	37,343,541	16,371,024	Firm	16.8	3.4	3.8	3.3
Corporation					Corporation <sup>1</sup>	56.8	83.1	86.4	88.1
1909	2,459	92,257	439,064,967	164,048,735	<b>Food preparations, 1909.</b>				
1904	1,917	74,284	280,742,889	109,966,122	Individual	129	716	\$5,508,607	\$1,537,799
Other					Firm	44	163	596,491	290,677
1909	87	453	4,186,471	1,688,516	Firm	42	147	991,646	289,231
1904	75	287	1,831,477	461,849	Corporation	30	392	3,301,175	983,829
Per cent of total.					Corporation	7	12	558,785	18,672
1909	100.0	100.0	100.0	100.0	Per cent of total.				
1904	100.0	100.0	100.0	100.0	Individual	100.0	100.0	100.0	100.0
Individual					Individual	34.1	23.0	10.8	16.0
1909	45.9	11.1	9.4	11.6	Firm	32.6	20.2	18.0	18.8
1904	49.3	15.2	12.9	16.3	Corporation	27.9	54.7	61.0	64.0
Firm					Other	5.4	1.7	10.1	1.2
1909	20.9	8.1	6.9	7.6	<b>Foundry and machine-shop products, 1909.</b>				
1904	21.5	10.5	10.2	10.8	Individual	543	8,377	\$26,730,891	\$13,820,000
Corporation					Firm	118	694	2,017,447	1,291,107
1909	32.1	80.5	82.9	80.2	Corporation	218	6,688	21,919,218	10,941,649
1904	28.0	74.0	76.5	72.6	Per cent of total.				
Other					Individual	100.0	100.0	100.0	100.0
1909	1.1	0.4	0.8	0.5	Individual	38.1	11.9	10.5	11.9
1904	1.1	0.3	0.5	0.3	Firm	21.7	8.3	17.5	8.7
<b>Bread and other bakery products, 1909.</b>					Corporation	40.1	79.9	79.0	78.4
Individual	864	4,018	\$17,709,453	\$7,332,268	<b>Liquors, malt, 1909.</b>				
Individual	189	852	4,100,140	1,745,383	Individual	83	1,288	\$9,319,041	\$8,750,860
Firm	189	852	4,100,140	1,745,383	Firm	34	92	411,284	350,180
Corporation <sup>1</sup>	51	1,433	6,079,605	2,421,405	Firm	5	11	83,518	51,695
Per cent of total.					Corporation	4	1,093	8,701,739	6,377,274
Individual	100.0	100.0	100.0	100.0	Per cent of total.				
Individual	72.2	40.6	42.5	43.2	Individual	100.0	100.0	100.0	100.0
Firm	21.9	23.7	23.2	23.8	Individual	41.0	7.1	5.1	4.9
Corporation <sup>1</sup>	5.9	35.7	34.3	33.0	Firm	6.0	0.8	0.9	0.8
<b>Butter, cheese, and condensed milk, 1909.</b>					Corporation	53.0	92.1	94.0	91.3
Individual	181	597	\$12,760,670	\$1,620,970	<b>Liquors, vinous, 1909.</b>				
Individual	32	151	2,253,798	351,662	Individual	181	1,287	\$8,398,848	\$4,262,907
Firm	25	31	994,872	153,344	Firm	83	222	3,245,037	560,841
Corporation	55	313	7,396,944	852,541	Corporation	26	95	501,333	272,714
Other	26	78	2,145,056	263,483	Corporation <sup>1</sup>	70	960	7,130,478	3,433,352
Per cent of total.					Per cent of total.				
Individual	100.0	100.0	100.0	100.0	Individual	100.0	100.0	100.0	100.0
Individual	52.3	26.0	17.7	21.7	Individual	47.0	18.0	13.9	15.3
Firm	17.4	8.5	8.8	9.5	Firm	14.4	6.3	7.4	6.3
Corporation	34.2	52.1	57.7	52.6	Corporation <sup>1</sup>	38.7	74.6	79.8	80.3
Other	16.1	13.1	16.8	16.3	<b>Lumber and timber products, 1909.</b>				
<b>Canning and preserving, 1909.</b>					Individual	644	22,935	\$45,000,276	\$26,631,376
Individual	196	757	\$32,914,828	\$8,905,607	Individual	199	1,412	9,453,706	5,142,575
Individual	34	178	1,609,204	601,530	Firm	149	1,118	3,029,374	1,748,572
Firm	34	283	1,613,248	428,459	Corporation	296	20,405	38,517,186	25,080,269
Corporation <sup>1</sup>	119	6,796	29,641,317	7,875,688	Per cent of total.				
Per cent of total.					Individual	100.0	100.0	100.0	100.0
Individual	100.0	100.0	100.0	100.0	Individual	30.9	6.2	7.7	8.9
Individual	21.9	7.5	8.0	6.8	Firm	23.1	4.9	6.7	6.6
Firm	17.3	4.9	4.9	4.8	Corporation <sup>1</sup>	46.0	89.0	85.6	86.5
Corporation <sup>1</sup>	60.7	87.6	90.1	88.4	<b>Printing and publishing, 1909.</b>				
<b>Clothing, men's, including shirts, 1909.</b>					Individual	1,240	7,556	\$25,031,877	\$18,704,574
Individual	74	2,358	\$5,190,509	\$2,225,613	Individual	199	1,885	6,762,762	5,142,337
Individual	29	164	1,829,608	193,383	Firm	719	2,199	1,812,749	1,298,227
Firm	24	259	1,187,147	500,814	Corporation	266	4,874	15,871,045	11,718,275
Corporation	21	1,662	3,553,294	1,531,416	Other	41	78	585,321	445,724
Per cent of total.					Per cent of total.				
Individual	100.0	100.0	100.0	100.0	Individual	100.0	100.0	100.0	100.0
Individual	39.2	6.9	7.4	8.7	Individual	57.2	24.9	27.0	27.5
Firm	32.4	28.4	23.2	22.5	Firm	15.6	9.5	7.2	7.2
Corporation	28.4	69.7	69.4	68.8	Corporation	23.2	64.6	63.4	62.6
<b>Copper, tin, and sheet-iron products, 1909.</b>					Other	3.3	1.0	2.3	2.4
Individual	233	1,938	\$8,803,751	\$3,238,905	<b>Slaughtering and meat packing, 1909.</b>				
Individual	153	807	1,425,347	708,783	Individual	94	1,641	\$34,280,093	\$5,831,946
Firm	74	266	4,888,869	530,745	Individual	34	171	4,444,852	546,152
Corporation	33	1,266	4,419,345	1,939,877	Firm	27	1,315	25,558,559	4,674,285
Per cent of total.					Per cent of total.				
Individual	100.0	100.0	100.0	100.0	Individual	100.0	100.0	100.0	100.0
Individual	45.5	20.9	21.0	23.7	Individual	35.1	9.4	12.5	10.5
Firm	31.8	13.7	14.1	16.4	Firm	23.2	14.4	13.0	9.4
Corporation	22.7	65.3	65.0	59.9	Corporation	28.7	80.1	74.6	80.1

<sup>1</sup> Includes the group "Other," to avoid disclosure of individual operations.

**Size of establishment.**—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is a matter of interest from the standpoint of industrial organization. In order to throw some light upon it, the table on the following page groups the establishments according to the value of their products. The table also shows the average

size of establishments for all industries combined and for certain important industries separately as measured by number of wage earners, value of products, and value added by manufacture. The totals for all industries are shown for the last two censuses, while for the individual industries figures are given for 1909 only.

INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacturers.	INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacturers.
<b>ALL INDUSTRIES:</b>					<b>Copper, tin, and sheet-iron products, 1909</b>	233	1,437	\$6,863,741	\$3,236,905
1909	7,659	115,296	\$229,730,428	\$204,522,454	Less than \$5,000	6	57	182,734	120,183
1904	6,839	106,336	367,218,494	161,492,060	\$5,000 and less than \$20,000	107	353	1,050,544	607,141
Less than \$5,000					\$20,000 and less than \$100,000	50	619	2,174,242	1,114,605
1909	2,169	2,067	5,010,748	3,735,464	\$100,000 and less than \$1,000,000	12	12	3,396,560	1,307,616
1904	2,088	2,242	5,306,470	3,634,462	Per cent of total	100.0	100.0		100.0
\$5,000 and less than \$20,000					Less than \$5,000	27.5	2.9	16.7	3.7
1909	2,755	10,279	29,208,047	17,546,524	\$5,000 and less than \$20,000	45.2	17.4	157,760	82,421
1904	2,507	2,507	26,190,133	15,902,535	\$20,000 and less than \$100,000	21.5	31.9	32.0	34.4
\$20,000 and less than \$100,000					\$100,000 and less than \$1,000,000	4.2	41.7	40.9	43.2
1909	1,867	24,913	82,114,420	40,747,591	Average per establishment	8	8	\$20,231	\$15,911
1904	1,612	25,111	72,176,270	37,594,397	<b>Flour-mill and gristmill products, 1909</b>	125	948	\$25,188,133	\$3,286,182
\$100,000 and less than \$1,000,000					Less than \$5,000	5	7	18,973	4,735
1909	767	53,128	210,723,584	96,922,761	\$5,000 and less than \$20,000	24	57	297,103	56,086
1904	698	47,923	195,273,361	69,162,453	\$20,000 and less than \$100,000	46	107	1,660,546	256,421
\$1,000,000 and over					\$100,000 and less than \$1,000,000	45	531	13,926,443	1,755,824
1909	21	24,909	202,103,929	55,514,114	\$1,000,000 and over	5	286	8,965,978	1,188,058
1904	31	14,516	105,272,449	35,197,978	Per cent of total	100.0	100.0		100.0
Per cent of total					Less than \$5,000	4.0	0.7	10.0	1.7
1909	100.0	100.0	100.0	100.0	Less than \$5,000	10.2	3.9	16.7	6.1
1904	100.0	100.0	100.0	100.0	\$5,000 and less than \$20,000	36.8	11.3	7.9	8.9
Less than \$5,000					\$20,000 and less than \$100,000	36.9	56.0	55.3	36.0
1909	28.3	1.8	1.1	1.9	\$100,000 and over	4.0	28.1	30.0	36.0
1904	30.5	2.2	1.4	2.4	Average per establishment	8	8	\$201,305	\$26,309
\$5,000 and less than \$20,000					<b>Food preparations, 1909</b>	129	716	\$5,508,097	\$1,537,798
1909	36.4	8.9	5.5	8.6	Less than \$5,000	31	20	73,436	39,433
1904	36.7	10.5	7.1	10.5	\$5,000 and less than \$20,000	40	142	471,099	235,943
\$20,000 and less than \$100,000					\$20,000 and less than \$100,000	39	59	1,747,054	543,809
1909	24.7	21.6	15.5	19.9	\$100,000 and less than \$1,000,000	13	268	3,222,417	718,924
1904	23.6	25.0	19.7	24.8	Per cent of total	100.0	100.0		100.0
\$100,000 and less than \$1,000,000					Less than \$5,000	24.0	3.6	1.3	2.6
1909	10.0	46.1	39.8	42.5	\$5,000 and less than \$20,000	35.7	19.8	8.6	15.3
1904	8.7	47.7	43.1	45.7	\$20,000 and less than \$100,000	43.2	51.2	49.2	43.5
\$1,000,000 and over					\$100,000 and less than \$1,000,000	10.1	37.4	58.5	46.8
1909	9.0	21.6	38.2	27.1	Average per establishment	6	6	\$42,608	\$11,921
1904	0.5	14.5	28.7	16.6	<b>Foundry and machine-shop products, 1909</b>	543	8,377	\$26,730,691	\$13,300,000
Average per establishment:					Less than \$5,000	113	127	363,583	201,046
1909		15	\$9,168	\$26,704	\$5,000 and less than \$20,000	220	998	2,362,406	1,501,666
1904		15	53,638	22,181	\$20,000 and less than \$100,000	154	262	6,850,549	3,965,476
<b>Bread and other bakery products, 1909</b>	464	4,018	\$17,708,833	\$7,332,288	\$100,000 and less than \$1,000,000	53	3,627	13,248,304	6,120,911
Less than \$5,000	224	119	648,254	302,431	\$1,000,000 and over	3	1,233	3,926,649	2,045,175
\$5,000 and less than \$20,000	450	4,189	4,761,629	2,104,134	Per cent of total	100.0	100.0		100.0
\$20,000 and less than \$100,000	163	1,395	6,119,254	2,503,133	Less than \$5,000	20.8	1.5	1.1	1.5
\$100,000 and less than \$1,000,000	21	1,466	6,180,186	2,422,620	\$5,000 and less than \$20,000	45.6	11.1	8.9	11.3
Per cent of total	100.0	100.0	100.0	100.0	\$20,000 and less than \$100,000	28.4	27.5	2.7	28.2
Less than \$5,000	2.0	2.0	4.1	2.7	\$100,000 and less than \$1,000,000	9.8	45.3	40.6	44.3
\$5,000 and less than \$20,000	52.8	25.8	26.9	28.7	\$1,000,000 and over	0.6	15.8	14.7	14.8
\$20,000 and less than \$100,000	18.9	34.7	34.6	34.1	Average per establishment	15	15	\$49,228	\$25,470
\$100,000 and less than \$1,000,000	2.4	30.5	35.9	35.9	<b>Liquors, malt, 1909</b>	83	1,296	\$6,319,041	\$5,759,560
Average per establishment:					Less than \$5,000	20	16	47,023	21,471
1909		15	\$30,497	\$8,486	\$5,000 and less than \$20,000	18	50	202,988	144,880
1904		15	53,638	22,181	\$20,000 and less than \$100,000	39	183	1,641,225	761,344
<b>Butter, cheese, and condensed milk, 1909</b>	161	597	\$12,760,470	\$1,820,970	\$100,000 and less than \$1,000,000	26	267	7,975,005	5,226,665
Less than \$5,000	17	8	59,638	13,663	Per cent of total	100.0	100.0		100.0
\$5,000 and less than \$20,000	35	39	425,101	79,942	Less than \$5,000	24.1	1.2	0.5	0.5
\$20,000 and less than \$100,000	75	185	3,475,540	481,903	\$5,000 and less than \$20,000	21.7	9.9	8.2	2.1
\$100,000 and less than \$1,000,000	34	365	8,800,181	1,045,462	\$20,000 and less than \$100,000	32.9	14.1	11.7	13.5
Per cent of total	100.0	100.0	100.0	100.0	\$100,000 and less than \$1,000,000	31.2	50.3	65.6	86.1
Less than \$5,000	10.6	6.0	6.8	4.9	Average per establishment	15	15	\$112,278	\$81,940
\$5,000 and less than \$20,000	21.7	6.5	3.0	4.9	<b>Liquors, vinous, 1909</b>	181	1,267	\$8,838,848	\$4,262,947
\$20,000 and less than \$100,000	46.6	31.0	27.2	29.7	Less than \$5,000	19	14	47,618	25,417
\$100,000 and less than \$1,000,000	21.1	61.1	69.0	64.0	\$5,000 and less than \$20,000	75	216	820,277	460,624
Average per establishment:					\$20,000 and less than \$100,000	69	300	2,965,540	1,360,176
1909		4	\$79,259	\$10,008	\$100,000 and less than \$1,000,000	18	667	5,163,404	2,623,890
1904		4	879,259	\$10,008	Per cent of total	100.0	100.0		100.0
<b>Canning and preserving, 1909</b>	166	7,767	\$32,914,829	\$8,906,607	Less than \$5,000	10.5	1.1	0.5	0.6
Less than \$5,000	18	31	49,825	25,657	\$5,000 and less than \$20,000	41.4	16.8	9.2	9.6
\$5,000 and less than \$20,000	34	142	385,142	169,354	\$20,000 and less than \$100,000	38.1	59.1	23.0	24.5
\$20,000 and less than \$100,000	58	1,188	3,207,177	1,183,515	\$100,000 and less than \$1,000,000	9.9	51.8	57.8	61.5
\$100,000 and less than \$1,000,000	82	5,527	22,614,044	6,138,672	Average per establishment	7	7	\$49,375	\$23,502
\$1,000,000 and over	4	522	6,685,951	1,991,099	<b>Lumber and timber products, 1909</b>	644	22,936	\$45,000,276	\$26,631,376
Per cent of total	100.0	100.0	100.0	100.0	Less than \$5,000	137	219	1,050,544	270,499
Less than \$5,000	9.2	0.4	0.3	0.3	\$5,000 and less than \$20,000	190	956	2,091,127	1,310,556
\$5,000 and less than \$20,000	17.3	2.4	1.1	1.9	\$20,000 and less than \$100,000	215	4,094	9,894,778	5,356,712
\$20,000 and less than \$100,000	29.6	15.3	9.7	13.3	\$100,000 and less than \$1,000,000	98	13,684	27,060,225	16,284,224
\$100,000 and less than \$1,000,000	41.8	11.3	68.7	68.8	\$1,000,000 and over	4	3,991	4,038,112	3,510,185
\$1,000,000 and over	2.0	10.6	20.3	15.6	Per cent of total	100.0	100.0		100.0
Average per establishment:					Less than \$5,000	21.3	0.9	0.8	1.0
1909		40	\$167,933	\$45,457	\$5,000 and less than \$20,000	29.6	4.2	2.6	2.9
1904		40	167,933	\$45,457	\$20,000 and less than \$100,000	35.4	17.9	23.0	20.1
<b>Clothing, men's, including shirts, 1909</b>	74	2,389	\$5,120,540	\$2,226,613	\$100,000 and less than \$1,000,000	15.2	56.7	61.5	60.3
Less than \$5,000	12	20	28,564	21,135	Average per establishment	6	6	\$69,476	\$41,888
\$5,000 and less than \$20,000	26	31	278,142	169,354	<b>Per cent of total</b>				
\$20,000 and less than \$100,000	22	427	924,998	388,300	Less than \$5,000	16.2	0.8	0.6	0.9
\$100,000 and less than \$1,000,000	14	1,747	3,896,629	1,652,635	\$5,000 and less than \$20,000	32.1	1.3	0.3	0.3
Per cent of total	100.0	100.0	100.0	100.0	\$20,000 and less than \$100,000	41.4	16.8	9.2	9.6
Less than \$5,000	16.2	0.8	0.6	0.9	\$100,000 and less than \$1,000,000	15.2	56.7	61.5	60.3
\$5,000 and less than \$20,000	32.1	1.3	0.3	0.3	Average per establishment	6	6	\$69,476	\$41,888
\$20,000 and less than \$100,000	29.7	17.9	18.1	17.4	<b>Includes the group "1,000,000 and over."</b>				
\$100,000 and less than \$1,000,000	18.9	73.2	75.1	74.3					
Average per establishment:									
1909		32	\$69,186	\$30,676					
1904		32	69,186	30,676					

1 Includes the group "1,000,000 and over."

INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
<b>Printing and publishing, 1909</b>	<b>1,240</b>	<b>7,556</b>	<b>\$25,631,877</b>	<b>\$18,704,574</b>	<b>Slaughtering and meat packing, 1909</b>	<b>94</b>	<b>1,641</b>	<b>\$34,280,003</b>	<b>\$5,831,946</b>
Less than \$5,000	354	510	1,491,046	1,202,496	Less than \$5,000	4	5	12,204	4,324
\$5,000 and less than \$20,000	431	1,332	4,620,493	3,526,771	\$5,000 and less than \$20,000	14	28	149,163	68,781
\$20,000 and less than \$100,000	164	2,465	6,672,722	5,026,255	\$20,000 and less than \$100,000	34	100	1,749,518	343,754
\$100,000 and less than \$1,000,000 <sup>1</sup>	41	3,049	12,447,647	8,949,052	\$100,000 and less than \$1,000,000	33	374	10,238,185	1,431,046
					\$1,000,000 and over	9	1,134	22,039,432	3,983,541
Per cent of total	100.0	100.0	100.0	100.0	Per cent of total	100.0	100.0	100.0	100.0
Less than \$5,000	47.1	6.7	6.0	6.4	Less than \$5,000	4.3	0.3	( <sup>2</sup> )	0.1
\$5,000 and less than \$20,000	36.4	20.3	17.7	18.9	\$5,000 and less than \$20,000	14.9	1.7	0.4	1.2
\$20,000 and less than \$100,000	13.2	32.6	28.7	26.9	\$20,000 and less than \$100,000	36.2	6.1	5.1	5.9
\$100,000 and less than \$1,000,000 <sup>1</sup>	4.3	40.4	49.7	47.8	\$100,000 and less than \$1,000,000	25.1	22.8	30.1	24.5
Average per establishment			\$20,187	\$15,084	\$1,000,000 and over	9.6	69.1	54.3	65.3
					Average per establishment		17	\$364,681	\$62,042

<sup>1</sup> Includes the group "\$1,000,000 and over."

<sup>2</sup> Less than one-tenth of 1 per cent.

This table shows that of the 7,659 manufacturing establishments in the state in 1909 only 71, or nine-tenths of 1 per cent, had a value of products exceeding \$1,000,000. These establishments, however, employed an average of 24,909 wage earners, or 21.6 per cent of the total number in all establishments, and reported 38.2 per cent of the total value of products and 27.1 per cent of the total value added by manufacture.

On the other hand, the very small establishments—that is, those having products valued at less than \$5,000—constituted a considerable proportion (28.3 per cent) of the total number of establishments, but the value of their products amounted to only 1.1 per cent of the total. The bulk of the manufacturing was done in establishments having products valued at not less than \$100,000.

During the five years from 1904 to 1909 there was a considerable increase in the relative importance, as measured by value of products, of the largest establishments—those reporting products of not less than \$1,000,000 in value—and a decrease in that of the remaining classes.

The fact that between 1904 and 1909 the average value of products per establishment increased from \$53,695 to \$69,168, and the value added by manufacture from \$22,151 to \$26,704, can not be taken as in itself indicating a tendency toward concentration. The increased values shown may be, and probably are, due in part, at least, to the general rise that has taken place in the prices of commodities. The average number of wage earners per establishment was 15 both in 1909 and in 1904.

The table shows further that when the size of establishments is measured by the average value of products per establishment the bakery industry, the manufacture of copper, tin, and sheet-iron products, and printing and publishing are conducted chiefly in rather small establishments, while the canning and

preserving, flour-mill and gristmill, brewery, and slaughtering and meat-packing industries are conducted mainly in comparatively large establishments.

In some respects, and especially from the standpoint of conditions under which persons engaged in manufactures work, the best classification of establishments to bring out the feature of size is a classification according to the number of wage earners employed. The table on page 690 shows, for 1909, such a classification for all industries combined and for 20 important industries individually, and gives not only the number of establishments falling into each group but also the average number of wage earners employed.

Of the 7,659 establishments reported for all manufacturing industries, 11.5 per cent employed no wage earners; 53.8 per cent employed from 1 to 5; 22.3 per cent, from 6 to 20; and 6.9 per cent, from 21 to 50. The most numerous single group consists of the 4,123 establishments employing from 1 to 3 wage earners, and the next of the 1,708 establishments employing from 6 to 20. There were 74 establishments that employed over 250 wage earners; 4 of these establishments, of which 2 were lumber mills and 2 steam-railroad repair shops, employed over 1,000 each.

Of the total number of wage earners, 60.6 per cent were in establishments employing over 50 wage earners each. The single group having the largest number of wage earners was the group comprising the establishments employing from 251 to 500. This group employed an aggregate of 20,103 wage earners, or 17.4 per cent of the total. Of the individual industries listed in the table but not in the preceding one, the steam-railroad repair shops, the manufacture of cement, the gas industry, the tanning, currying, and finishing of leather, and the refining of petroleum are industries in which comparatively large establishments do most of the business, as appears from the classification according to the number of wage earners employed.

INDUSTRY.	Total.	ESTABLISHMENTS EMPLOYING—									
		No wage earners.	1 to 5 wage earners.	6 to 20 wage earners.	21 to 50 wage earners.	51 to 100 wage earners.	101 to 250 wage earners.	251 to 500 wage earners.	501 to 1,000 wage earners.	Over 1,000 wage earners.	
NUMBER OF ESTABLISHMENTS.											
All industries.....	7,629	862	4,123	1,708	526	212	134	56	14	4	
Bread and other bakery products.....	366	130	545	124	16	4	4	1			
Butter, cheese, and condensed milk.....	161	14	118	26	3						
Canning and preserving.....	196	4	37	58	51	29	13	4			
Cars and general shop construction and repairs by steam-railroad companies.....	42		2	10	5	4	9	7	3	2	
Cement.....	8										
Coal.....	74	3	20	22	8	6	4	2			
Coffee and spice, roasting and grinding.....	44		27	13	3	1					
Copper, tin, and sheet-iron products.....	223	21	143	52	9	7		1			
Flour-mill and gristmill products.....	125	6	78	28	11	2					
Food preparations.....	129	11	86	25	7						
Foundry and machine-shop products.....	543	23	265	174	44	24	9	2	1		
Gas, illuminating and heating.....	644	74	38	37	3	3	1	2			
Leather, tanned, curried, and finished.....	40	10	11	1	1	6	3				
Liquors, distilled.....	33		5	1	1	1					
Liquors, malt.....	83	6	38	23	10	5	1				
Liquors, vinous.....	181	2	138	33	5	1	2				
Lumber and timber products.....	644	13	276	179	98	35	26	15	3	2	
Petroleum, refining.....	29		6	18							
Printing and publishing.....	1,240	343	645	180	42	16	10	1			
Slaughtering and meat packing.....	94	5	94	5	6	4	1				
All other industries.....	2,822	294	1,527	674	194	64	48	17	4		
AVERAGE NUMBER OF WAGE EARNERS.											
All industries.....	115,298	9,844	18,872	18,654	15,374	19,873	29,103	9,092	5,484		
Bread and other bakery products.....	4,018	1,278	1,148	155	252	504	321				
Butter, cheese, and condensed milk.....	597	227	290	80							
Canning and preserving.....	7,737	96	701	1,738	2,909	1,918	1,175				
Cars and general shop construction and repairs by steam-railroad companies.....	9,342	7	123	218	201	1,396	2,444	2,628	2,925		
Cement.....	2,407										
Clothing, men's, including shirts.....	2,355	79	277	241	451	572	765				
Coffee and spice, roasting and grinding.....	352	72	141	80	59						
Copper, tin, and sheet-iron products.....	1,933	379	533	277	312		263				
Flour-mill and gristmill products.....	948	174	283	333	158						
Food preparations.....	716	202	259	428							
Foundry and machine-shop products.....	8,377	413	1,949	1,669	1,749	1,178	808	315			
Gas, illuminating and heating.....	1,666	106	299	87	252	171	751				
Leather, tanned, curried, and finished.....	1,393	27	163	328	434	456					
Liquors, distilled.....	193	41	54	27	71	125					
Liquors, malt.....	2,296	100	296	332	433	125					
Liquors, vinous.....	1,287	332	321	164	60	288					
Lumber and timber products.....	2,935	689	1,073	2,967	4,061	5,911	2,200	2,559			
Petroleum, refining.....	930	16	211	76							
Printing and publishing.....	1,568	1,567	1,547	1,113	1,369	21					
Slaughtering and meat packing.....	1,641	128	277	157	306	111	662				
All other industries.....	37,557	3,707	7,394	6,134	4,599	7,026	6,093	2,604			
PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.											
All industries.....	100.0	8.5	16.2	14.6	13.3	17.2	17.4	7.9	4.8		
Bread and other bakery products.....	100.0	31.8	28.6	12.8	6.3	12.5	8.0				
Butter, cheese, and condensed milk.....	100.0	38.9	48.6	13.4							
Canning and preserving.....	100.0	1.2	9.0	23.2	26.7	24.7	13.1				
Cars and general shop construction and repairs by steam-railroad companies.....	100.0	0.1	1.3	2.3	2.2	14.9	26.2	21.7	31.3		
Cement.....	100.0	0.2									
Clothing, men's, including shirts.....	100.0	3.3	11.6	10.1	15.7	24.0	32.1				
Coffee and spice, roasting and grinding.....	100.0	24.3	40.1	22.7	16.8						
Copper, tin, and sheet-iron products.....	100.0	17.0	27.6	14.3	26.4		14.7				
Flour-mill and gristmill products.....	100.0	18.0	29.9	33.1	16.7						
Food preparations.....	100.0	28.2	35.8	36.0							
Foundry and machine-shop products.....	100.0	6.5	23.5	17.2	20.9	14.1	9.6	6.1			
Gas, illuminating and heating.....	100.0	6.4	17.9	10.2	15.1	10.3	45.1				
Leather, tanned, curried, and finished.....	100.0	1.9	11.7	23.5	39.3	32.6					
Liquors, distilled.....	100.0	21.2	28.0	14.0	36.8						
Liquors, malt.....	100.0	6.9	22.8	25.6	35.0	8.6					
Liquors, vinous.....	100.0	27.4	24.9	12.7	4.7	39.3					
Lumber and timber products.....	100.0	3.0	8.6	12.9	11.5	17.4	25.8	9.6	11.2		
Petroleum, refining.....	100.0	1.7	22.7	5.2							
Printing and publishing.....	100.0	19.9	26.0	17.8	14.7	18.1	3.5				
Slaughtering and meat packing.....	100.0	7.8	16.9	6.6	18.6	6.8	40.3				
All other industries.....	100.0	9.9	19.7	16.3	12.2	18.7	16.2	6.9			

**Expenses.**—As stated in the Introduction, the census does not purport to furnish figures that can be used for determining the cost of manufacture and profits. Facts of interest can, however, be brought out concerning the relative importance of the different classes of expenses which make up the total. The next table shows, in percentages, for 1909, the distribution of expenses among the classes indicated for all industries combined and for certain important

industries separately. The figures on which the percentages are based appear in Table II, page 706.

The table shows that, for all industries combined, 68.3 per cent of the total expenses were incurred for materials, 22.5 per cent for services—that is, salaries and wages—and but 9.2 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries. The flour-mill and gristmill industry shows a higher percentage for materials

(92.2) and the distillery industry a lower percentage (16.7) than any other industry presented separately. The printing and publishing industry shows the highest percentage for services (48.8), while in the case of this item also the lowest percentage is that shown for the distillery industry (3.7). The high proportions which "miscellaneous expenses" represent of the total in the case of the distillery and brewery industries are due to the inclusion under this head of the internal-revenue tax. This tax, particularly in the case of the distillery industry, swells the item of "miscellaneous expenses" to such an extent as to cause abnormally small proportions to be shown for the other items of expense.

and but 7.6 per cent in 1899. The proportion for 1909 is larger than for any other state in the Union.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
<b>All industries.....</b>	4.8	17.7	68.3	3.2
Bread and other bakery products.....	4.3	20.0	67.5	8.2
Butter, cheese, and condensed milk.....	1.7	3.8	91.3	3.2
Canning and preserving.....	3.5	11.1	77.4	7.9
Cars and general shop construction and repairs by steam-railroad companies.....	2.0	44.8	61.0	2.1
Cement.....	4.4	37.4	49.5	8.7
Clothing, men's, including shirts.....	4.4	22.8	62.7	10.2
Coffee and spice, roasting and grinding.....	8.8	4.1	76.5	10.6
Copper, tin, and sheet-iron products.....	2.3	27.6	59.4	11.7
Flour-mill and gristmill products.....	2.2	3.1	92.2	2.6
Food preparations.....	4.6	8.1	79.6	7.7
Founding and machine-shop products.....	7.5	29.9	52.7	10.9
Gas, illuminating and heating.....	12.6	21.6	39.9	26.0
Leather, tanned, curried, and finished.....	2.4	11.2	80.2	6.1
Liquors, distilled.....	1.1	2.6	16.7	79.6
Liquors, malt.....	7.2	18.3	33.6	40.9
Liquors, vinous.....	5.8	9.2	63.3	21.7
Lumber and timber products.....	8.5	3.8	45.2	10.7
Petroleum, refining.....	2.3	5.1	87.9	4.7
Printing and publishing.....	18.2	36.6	30.1	21.1
Slaughtering and meat packing.....	1.7	4.1	92.2	3.9
All other industries.....	4.3	14.9	74.0	6.8

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.		
	1909	1904	1899 <sup>1</sup>	1909	1904	1899 <sup>1</sup>	1909	1904	1899
<b>Primary power, total.....</b>	<b>14,248</b>	<b>3,313</b>	<b>2,874</b>	<b>329,100</b>	<b>210,359</b>	<b>126,953</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owned.....	3,447	3,313	2,874	211,341	168,474	114,723	64.2	80.1	90.4
Steam.....	2,529	2,408	2,158	193,526	153,178	105,190	68.8	72.8	82.9
Gas.....	798	689	545	10,115	6,292	3,244	3.1	3.0	2.6
Water wheels.....	116	137	171	7,399	6,963	4,650	2.2	3.3	3.7
Water motors.....	47	79	(*)	259	295	(*)	0.1	0.1	(*)
Other.....				30	1,741	1,009	(*)	0.8	1.3
Rented.....	10,802	(*)	(*)	117,759	41,885	12,230	35.8	19.9	9.6
Electric.....	10,802	(*)	(*)	116,537	39,363	9,624	35.4	18.7	7.6
Other.....				1,222	2,522	2,606	0.4	1.2	2.1
<b>Electric motors.....</b>	<b>12,383</b>	<b>658</b>	<b>281</b>	<b>143,684</b>	<b>49,575</b>	<b>15,762</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Run by current generated by establishment.....	1,591	658	281	27,147	10,212	6,138	38.9	20.6	38.9
Run by rented power.....	10,802	(*)	(*)	116,537	39,363	9,624	81.1	79.4	61.1

<sup>1</sup> Includes the neighborhood industries and hand trades, omitted in 1904 and 1909.  
<sup>2</sup> Not reported.      <sup>3</sup> Less than one-tenth of 1 per cent.

The use of electric motors for the purpose of applying the power generated within the establishments is shown to be rapidly becoming more common, the horsepower of such motors having increased from 6,138 in 1899 to 10,212 in 1904 and 27,147 in 1909.

Fuel.—Closely related to the question of kind of power employed is that of the fuel consumed in generating this power, or otherwise used as material in the manufacturing processes. The following table shows the quantity of each kind of fuel used in 1909 for all industries combined and for certain selected industries:

INDUSTRY.	Anthracite (tons)	Bituminous (tons)	Coke (tons)	Wood (cords)	Oil, including gasolene (barrels)	Gas (1,000 cu. ft.)
<b>All industries.....</b>	<b>4,421</b>	<b>43,165</b>	<b>113,665</b>	<b>78,323</b>	<b>883,015</b>	<b>302,548</b>
Bread and other bakery products.....	54	692	137	8,500	92,659	20,421
Butter, cheese, and condensed milk.....	65	347	.....	7,209	27,119	8,210
Canning and preserving.....	83	1,797	.....	3,259	141,958	12,826
Cars and general shop construction and repairs by steam-railroad companies.....	14	4,706	.....	17	1,257	316,874
Cement.....	.....	.....	.....	.....	.....	891,130
Clothing, men's, including shirts.....	4	24	.....	3	1,321	1,909
Coffee and spice, roasting and grinding.....	.....	.....	17	132	.....	2,912
Copper, tin, and sheet-iron products.....	15	154	297	107	1,180	5,644
Flour-mill and gristmill products.....	55	471	.....	871	150,634	.....
Food preparations.....	65	322	311	521	13,309	5,526
Founding and machine-shop products.....	1,178	3,915	15,629	1,066	75,852	20,022
Gas, illuminating and heating.....	.....	.....	.....	.....	.....	9,205,961
Leather, tanned, curried, and finished.....	232	2,297	.....	.....	717	45,322
Liquors, distilled.....	.....	21	.....	.....	590	45,019
Liquors, malt.....	60	450	204	2,121	178,228	830
Liquors, vinous.....	95	268	.....	.....	3,875	65,500
Lumber and timber products.....	20	389	.....	13,283	46,216	23,607
Petroleum, refining.....	.....	.....	.....	.....	1,286,666	.....
Printing and publishing.....	98	751	.....	.....	452	3,018
Slaughtering and meat packing.....	108	284	.....	.....	1,501	155,290
All other industries.....	2,279	25,571	96,996	30,239	3,131,799	115,902

Note.—In addition, there were 15,164 tons of other varieties of fuel reported.

The most notable fact shown by the table is the large amount of oil and the small amounts of nearly all the other kinds of fuel used. The larger part of this oil is crude oil used as fuel in the generation of steam power, but increasing quantities of refined oil are being used in internal-combustion engines.

Engines and power.—The next table shows, for all industries combined, the number of engines or other motors, according to their character, employed in generating power (including electric motors operated by purchased current) and their total horsepower at the censuses of 1909, 1904, and 1899. It also shows separately the number and horsepower of electric motors, including those operated by current generated in the manufacturing establishments.

The table indicates that from 1904 to 1909 there was an increase of 118,741 horsepower, or 56.4 per cent, in the total power used in manufactures, while from 1899 to 1904 the increase was \$3,406 horsepower, or 65.7 per cent. Of the total increase from 1904 to 1909, 40,348 horsepower was in that generated by steam engines and 77,174 horsepower in rented electric power. The more general use of gas engines is shown, there being 765 such engines, with an indicated capacity of 10,115 horsepower, reported in 1909, as against 689 engines, with 6,292 horsepower, in 1904, and 545 engines, with 3,244 horsepower, in 1899. Water wheels showed a decrease in number but an increase in total horsepower. The figures also show that the practice of renting electric power is increasing rapidly, 35.4 per cent of the total power being rented electric power in 1909, as against 18.7 per cent in 1904

## SUPPLEMENTARY DATA REGARDING IMPORTANT INDUSTRIES.

(With statistics for laundries and custom gristmills.)

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and cost of materials and the quantity and value of products and other information for securing which no provision is made on the general schedule. Certain data of this character for eight important industries in California are here presented.

**Lumber and timber products.**—In the following tabular statement is shown the production of rough lumber, lath, and shingles in California for the census years 1909 and 1899:

PRODUCT.	QUANTITY.	
	1909	1899
Rough lumber..... M feet b. m.	1,143,807	737,035
Lath..... Thousands	32,615	11,907
Shingles..... Thousands.	574,342	650,060

During the decade from 1899 to 1909 the output of rough lumber in California increased 55.1 per cent and that of lath 183.4 per cent, while the production of shingles decreased 11.7 per cent. The period of most rapid growth in the industry was from 1899 to 1904, when the output of lumber increased 46.2 per cent. The woods which supply the raw material are almost exclusively conifers, the hardwood cut in 1909, practically all of which was California or tan-bark oak, forming only one-fifth of 1 per cent of the total lumber production during the year. A total of 521,630 M feet board measure, or more than 45.6 per cent of the lumber output in 1909, was California redwood, a species of timber which does not occur in saw-log size outside of California. Chief among the other species sawed into lumber in 1909 were western pine, with a production of 364,748 M feet board measure, Douglas fir, with a production of 88,852 M feet, and sugar pine, with a production of 88,822 M feet.

A noteworthy peculiarity of the lumber industry in the state is the fact that the manufacture of shingles, while carried on to some extent in connection with that of lumber, nevertheless amounts practically to a separate and distinct industry. Over 88 per cent of the shingle output of the state for 1909 was manufactured from redwood, which timber possesses in very high degree the qualities most desirable in shingle material.

**Slaughtering and meat packing.**—The next table gives the quantity and cost of the various materials used in this industry and the quantity and value of the various products, for 1909, 1904, and 1899.

From 1904 to 1909 the number of beeves slaughtered increased 81,901, or 31.5 per cent; that of calves, 38,244, or 88.7 per cent; that of sheep, 81,484, or 8.2 per cent; and that of hogs, 30,234, or 9.6 per cent. The rate of increase in the cost of the animals slaugh-

tered was much higher than that in the number slaughtered.

MATERIAL OR PRODUCT.	1909	1904	1899
<b>Materials used, total cost.....</b>	<b>\$28,446,057</b>	<b>\$18,751,794</b>	<b>\$13,616,305</b>
Beeves slaughtered:			
Number.....	341,617	259,716	174,113
Cost.....	\$14,348,274	\$9,735,012	\$6,017,732
Calves slaughtered:			
Number.....	81,344	43,100	28,531
Cost.....	\$990,781	\$412,644	\$289,958
Sheep slaughtered:			
Number.....	1,071,998	990,514	605,058
Cost.....	\$4,596,865	\$3,284,003	\$2,197,902
Hogs slaughtered:			
Number.....	344,310	214,085	228,675
Cost.....	\$4,339,254	\$2,891,457	\$1,989,298
Dressed meat purchased.....	\$2,088,065	\$1,439,064	\$1,307,969
Fuel and rent of power.....	\$184,764	\$88,889	\$75,162
All other materials.....	\$2,120,054	\$908,735	\$1,157,894
<b>Products, total value.....</b>	<b>\$34,280,003</b>	<b>\$22,012,756</b>	<b>\$15,817,282</b>
Beef, fresh:			
Pounds.....	186,315,779	140,301,099	93,818,021
Value.....	\$13,820,710	\$9,136,302	\$9,475,469
Beef, salted or cured:			
Pounds.....	1,455,480	2,386,927	2,512,762
Value.....	\$137,762	\$171,352	\$173,381
Veal, fresh:			
Pounds.....	12,077,330	6,470,074	3,964,808
Value.....	\$1,104,753	\$494,602	\$326,705
Mutton, fresh,*			
Pounds.....	44,220,813	38,021,994	29,605,967
Value.....	\$4,215,624	\$3,089,546	\$2,173,984
Pork, fresh:			
Pounds.....	32,204,886	22,796,029	18,135,565
Value.....	\$8,472,010	\$1,821,101	\$1,424,794
Pork, salted or cured:			
Pounds.....	15,964,304	23,183,338	28,795,334
Value.....	\$2,305,753	\$2,732,575	\$2,878,801
Sausage, fresh or cured:			
Pounds.....	\$63,808	\$666,125	\$215,023
All other fresh meat:			
Pounds.....	3,435,527	330,090	2,295,977
Value.....	\$216,755	\$17,500	\$191,283
Lard:			
Pounds.....	6,644,167	8,132,662	4,181,112
Value.....	\$539,023	\$635,500	\$350,620
Tallow, lard stock, and steam:			
Pounds.....	11,389,156	(1)	(1)
Value.....	\$604,712	(1)	(1)
Fertilizers and fertilizer materials:			
Tons.....	6,062	3,225	1,570
Value.....	\$102,559	\$67,669	\$37,328
Hides:			
Number.....	374,278	272,042	201,444
Pounds.....	21,134,504	14,875,933	10,221,863
Value.....	\$2,710,097	\$1,465,939	\$960,324
Felts:			
Number.....	1,070,801	990,514	(1)
Value.....	\$742,058	\$742,499	(1)
Wool:			
Pounds.....	1,707,577	180,000	117,710
Value.....	\$430,967	\$31,100	\$23,742
All other products, including amount received for custom or contract work.....	\$2,580,592	\$904,886	\$1,108,798

\* Figures not available.

With the exception of salted and cured beef and salted and cured pork, all the meat products show increases in value and, so far as figures are given, in quantity from 1904 to 1909, as well as from 1899 to 1904. The largest absolute gain in quantity during the more recent five-year period, 46,013,780 pounds, is shown for fresh beef, while the largest relative gain, 881.6 per cent, was in "All other fresh meat." The percentages of increase in value were generally greater than those in quantity, owing to the higher prices of meats that prevailed in 1909. One of the most interesting facts brought out by the table is the increasing production of fresh pork and the decreasing production of salted and cured pork. In 1899 the output of salted and cured pork was over one and one-half times that of fresh pork, while in 1909 the output of the latter was nearly two and one-third times that of the former.

The output of lard decreased in quantity, but increased in value from 1904 to 1909, while the value in 1909 of the products included under the head of "All other products" was nearly three times that in 1904, owing in a measure to the increased production of lard substitutes. The number of hides reported increased 102,236, or 37.6 per cent, from 1904 to 1909, and their value \$1,244,158, or 84.9 per cent.

**Canning and preserving.**—Although this industry in California dates from about 1875, its real importance and development did not commence until several years later. The value of its products, which in 1889 was \$6,621,931, more than doubled during each of the two following decades, amounting in 1909 to \$32,914,829. The quantity and value of the products, by classes, are given in the table in the next column for 1909, 1904, and 1899.

The case, which is used as the unit of measure for canned fruits and canned vegetables in the table, consists of 24 standard-size cans—No. 2 (also called 2-pound cans) for beans, peas, berries, cherries, and plums, and No. 3 (also called 3-pound cans) for all other fruits and vegetables. Where the output of fruits and vegetables has been reported in other forms by the canneries, the quantities so reported have been reduced to standard cases, as above specified.

California ranks first among the states in the production of canned asparagus, apricots, peaches, and pears, and of dried peaches and prunes; second in the production of canned sardines; and sixth in that of canned tomatoes. The state had a complete monopoly of the production of dried apricots and of raisins in the United States in 1909, neither of these products being reported from any other state.

The value of dried fruits constituted 49 per cent of the total value of products of the industry in 1909, as compared with 52.9 per cent in 1904 and 19.5 per cent in 1899. The increase in the value of the dried-fruit products during the decade 1899-1909 was 454.3 per cent, the greatest advance being from 1899 to 1904, when the gain was 374 per cent. The most important of the dried-fruit products, both in point of quantity and of value, were raisins and prunes. California reported the total output of raisins in the United States in 1909, as already stated, and 85.7 per cent of the total value of dried prunes produced.

Canned fruits, the second group of products in importance in respect to value, decreased in relative importance during both five-year periods, although the value of the output has remained approximately the same. The proportion which the value of this class of products formed of the total for the industry was 22 per cent in 1909, 26.8 per cent in 1904, and 49.1 per cent in 1899. The value of the output in 1909 shows an increase of \$270,259, or 3.9 per cent, as compared with 1904; this increase, however, was not sufficient to make up for the decrease from 1899 to

1904, so that a decrease of \$91,717, or 1.2 per cent, is shown for the decade as a whole. The fruit most largely canned in 1909 was peaches, the value of which constituted 9.2 per cent of the total reported for the canning and preserving industry.

The value of the vegetables canned increased throughout the period covered by the table, the rate of increase from 1904 to 1909 being much higher than that during the preceding five-year period. The value of canned asparagus formed over half of the value of all canned vegetables reported for the state in 1909.

PRODUCT.	1909	1904	1899
<b>Total value</b> .....	\$32,914,829	\$26,083,228	\$14,940,882
<b>Canned vegetables</b> .....	\$3,470,621	\$2,366,661	\$2,274,037
Asparagus—			
Cases.....	197,692		
Value.....	\$1,794,346		
Beans—			
Cases.....	47,505	65,641	34,209
Value.....	\$87,059	\$133,494	\$56,707
Peas—			
Cases.....	123,349	68,142	72,760
Value.....	\$230,624	\$144,033	\$145,987
Pumpkins—			
Cases.....	10,941	18,852	1,033
Value.....	\$15,165	\$30,106	\$1,860
Tomatoes—			
Cases.....	536,337	541,776	794,566
Value.....	\$1,120,632	\$345,805	\$2,068,997
All other—			
Cases.....	64,480	286,172	148
Value.....	\$202,795	\$1,213,173	\$396
<b>Canned fruits</b> .....	\$7,248,242	\$6,978,083	\$7,340,059
Apples—			
Cases.....	67,710	31,286	25,287
Value.....	\$136,856	\$67,591	\$71,427
Apricots—			
Cases.....	627,701	532,038	531,558
Value.....	\$1,819,558	\$1,619,757	\$1,582,927
Berries—			
Cases.....	95,092	67,467	87,564
Value.....	\$171,995	\$168,640	\$218,733
Cherries—			
Cases.....	224,084	171,296	49,375
Value.....	\$491,575	\$457,169	\$155,813
Peaches—			
Cases.....	1,149,590	744,715	903,676
Value.....	\$3,013,203	\$2,640,624	\$3,103,775
Pears—			
Cases.....	433,796	524,197	444,343
Value.....	\$1,316,022	\$1,677,823	\$1,610,900
Plums—			
Cases.....	138,995	196,379	358,298
Value.....	\$230,384	\$349,307	\$596,484
All other—			
Cases.....	20,013	54,215	
Value.....	\$68,750	\$97,272	
<b>Dried fruit</b> .....			
Founds.....	339,726,550	300,308,919	53,587,883
Value.....	\$16,137,716	\$13,600,601	2,911,320
Apples—			
Founds.....	6,890,170	811,254	3,987,220
Value.....	\$481,173	\$40,659	\$153,833
Apricots—			
Founds.....	29,295,869	19,559,873	5,310,217
Value.....	\$2,277,177	\$1,410,838	\$442,544
Peaches—			
Founds.....	46,827,391	25,845,364	5,502,390
Value.....	\$2,422,943	\$1,701,105	\$301,495
Prunes—			
Founds.....	118,917,876	114,580,431	24,102,329
Value.....	\$4,294,922	\$3,169,978	\$607,041
Raisins—			
Founds.....	111,774,767	121,409,881	14,983,221
Value.....	\$1,857,933	\$9,349,381	1,962,268
All other—			
Founds.....	25,149,777	18,102,416	601,506
Value.....	\$1,724,468	\$1,128,740	\$42,279
<b>Fish and oysters</b> .....			
Founds.....	12,627,323	10,562,300	11,238,400
Value.....	\$1,356,881	\$1,011,222	\$796,637
<b>Canned fish</b> —			
Sardines—			
Founds.....	1,980,364	860,000	388,708
Value.....	\$238,607	\$78,000	\$78,860
All other—			
Founds.....	2,286,610	5,309,923	3,480,416
Value.....	\$387,601	\$78,524	\$262,808
Smoked fish—			
Founds.....	100,900	739,537	228,000
Value.....	\$14,680	\$71,088	\$9,000
Salted fish—			
Founds.....	8,289,359	9,681,840	7,144,336
Value.....	\$515,993	\$483,610	\$445,969
All other products.....	4,901,269	\$1,926,659	\$1,618,629

The canning and curing of fish and the canning of oysters and clams, constitute, in California, a minor branch of the canning and preserving industry. Of the 196 establishments reported for the industry in 1909, 15 canned or cured fish and canned oysters; 2 others canned oysters; and 1 canned clams. Sardines were the chief kind of fish canned, salmon was the leading variety smoked, and cod was the principal species salted.

It is worthy of note that over half of the value of products reported for the industry in the state in 1909 was returned by eight corporations having 38 plants which were reported as 33 establishments.

**Flour-mill and gristmill products.**—The following tabular statement gives the quantity and value of the various products of this industry for 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
<b>Total value</b> .....	<b>\$25,188,133</b>	<b>\$29,292,542</b>	<b>\$13,045,250</b>
Wheat flour:.....			
White—			
Barrels.....	1,774,858	2,408,358	
Value.....	\$10,209,567	\$10,479,131	\$7,928,493
Graham—			
Barrels.....	30,290	31,141	\$7,928,449
Value.....	\$166,134	\$132,540	
Corn meal and corn flour:.....			
Barrels.....	50,969	52,254	92,356
Value.....	\$222,399	\$215,845	\$215,213
Rye flour:.....			
Barrels.....	9,214	22,733	14,582
Value.....	\$45,145	\$105,946	\$43,641
Buckwheat flour:.....			
Pounds.....	133,328	352,382	552,000
Value.....	\$4,514	\$12,753	\$19,572
Hominy and grits:.....			
Pounds.....	736,669	987,383	3,097,569
Value.....	\$20,337	\$33,905	\$36,835
Feed:.....			
Tons.....	336,431	228,069	111,944
Value.....	\$10,462,069	\$5,974,376	\$2,242,136
Other:.....			
Tons.....	79,648	99,070	84,107
Value.....	\$2,056,372	\$2,057,448	\$1,155,775
All other products.....	\$2,000,996	\$1,185,596	\$1,403,639

Measured by value, the most important single product in 1909 was feed, the output of which more than trebled in quantity and considerably more than quadrupled in value during the decade 1899-1909. The greatest relative gains in both quantity and value, and the largest absolute gain in quantity, were from 1899 to 1904, but the largest absolute increase in value was from 1904 to 1909. Much of the feed made in California was from barley, the crop of which in 1909 was over four times as great as the wheat crop and exceeded the combined yield of all other cereals in the state.

Wheat flour was the second product in importance in 1909, having been displaced from first place since 1904 by feed. The output of this product decreased during both five-year periods, while its value increased from 1899 to 1904 and decreased slightly from 1904 to 1909. The proportion which the value of wheat flour formed of the total for all flour-mill and gristmill products in the state decreased from 60.8 per cent in 1899 to 52.5 per cent in 1904 and 41.2 per cent in 1909. These decreases are in a measure due to the in-

creasing quantities of wheat used in the manufacture of food preparations, the total value of which was \$5,508,000 in 1909, or nearly three and one-half times that in 1904.

The output of all other products shown separately in the table decreased in both quantity and value between 1904 and 1909, with the exception of corn meal and corn flour, for which a slight increase in value was reported.

The following tabular statement classifies the mills reporting wheat flour in 1909 and 1904 according to their output:

OUTPUT.	NUMBER OF MILLS.	
	1909	1904
<b>Total</b> .....	<b>66</b>	<b>83</b>
Less than 1,000 barrels.....	12	8
1,000 barrels but less than 5,000.....	22	31
5,000 barrels but less than 20,000.....	19	22
20,000 barrels but less than 100,000.....	9	18
100,000 barrels and over.....	4	4

The number of pairs of rolls in use in the industry increased from 1,146 in 1899 to 1,415 in 1904, but decreased to 1,215 in 1909. The number of runs of stone and steel burrs decreased from 148 in 1899 to 88 in 1904 and 57 in 1909.

**Printing and publishing.**—The number and the aggregate circulation of the different classes of newspapers and periodicals reported in 1909, 1904, and 1899 are shown in the following tabular statement:

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1909	1904	1899	1909	1904	1899
<b>Total</b> .....	<b>854</b>	<b>845</b>	<b>656</b>	<b>3,025,250</b>	<b>2,627,234</b>	<b>1,448,656</b>
Daily.....	166	149	117	802,752	669,556	475,506
Sunday.....	26	36	34	616,916	598,167	(1)
Semiweekly.....	737	728	53	44,856	28,600	25,522
Weekly.....	405	487	307	736,424	769,155	618,146
Monthly.....	105	124	71	619,909	522,526	194,792
All other classes.....	15	22	14	116,402	39,230	136,900

<sup>1</sup> Included in circulation of dailies.

<sup>2</sup> Includes six triweekly publications.

<sup>3</sup> Includes two triweekly publications.

The total number of publications and their aggregate circulation increased much more rapidly from 1899 to 1904 than from 1904 to 1909. The gain in number during the earlier five-year period, 1899-1904, was 189, and that in circulation 1,178,578, while during the five-year period following the corresponding increases were 9 and 398,016, respectively. The class of publications having the largest circulation in 1909 was the dailies, while in 1904 and in 1899 the weeklies had the largest circulation. The dailies also show the most pronounced absolute increase in circulation from 1904 to 1909, while the circulation of the weeklies decreased slightly during the same period. Of the 166 daily newspapers published in 1909, 65, with an aggregate circulation of 457,289, were morning papers.

The increase shown for the more recent five-year period in the circulation of the publications included under the head of "All other classes" was due to the fact that a religious periodical of large circulation which was not classed as a periodical in 1904 was reported as a quarterly in 1909, and to the inclusion in 1909 of a semimonthly agricultural magazine which was not reported in 1904. This class, in 1909, included six semimonthly, five bimonthly, and four quarterly publications.

The number and aggregate circulation of the different classes of newspapers and periodicals printed respectively in English and in foreign languages are shown in the following table:

PERIOD OF ISSUE.	TOTAL.		IN ENGLISH.		IN FOREIGN LANGUAGES. <sup>1</sup>	
	Num-ber.	Aggregate circulation per issue.	Num-ber.	Aggregate circulation per issue.	Num-ber.	Aggregate circulation per issue.
<b>Total</b> .....	854	3,025,260	800	2,830,686	54	134,564
Daily.....	166	962,732	153	864,119	13	48,633
Sunday.....	36	616,916	32	592,913	4	24,003
Semiweekly and triweekly.....	37	44,866	35	49,156	2	4,709
Weekly.....	455	730,424	465	694,246	30	36,178
Monthly.....	103	619,900	101	599,600	4	20,300
Quarterly.....	4	69,277	4	60,277	1	21,000
All other classes.....	11	59,125	10	49,375	1	9,750

<sup>1</sup> Including those publications which were printed in English and also in one or more foreign languages.

Of the 13 dailies printed in foreign languages, 6 were printed in Japanese, 3 in Chinese, 2 in Italian, and 1 each in German and in French, while 3 of the 4 Sunday editions were in Japanese, and the other was in German. Both the semiweekly and the triweekly were in Italian, 3 of the 4 monthlies were in Portuguese and the other in Swedish, while the bi-monthly periodical shown under the head of "All other classes" was in Armenian and English. Of the 30 weekly publications in foreign languages, 8 were printed in German, 6 in Italian, 5 in Portuguese, 3 in Spanish, 2 each in French and in Greek, and 1 each in Danish, Swedish, Croatian, and Servian. Of the 16 newspapers and periodicals in Japanese reported for the United States in 1909, 9 were published in California.

**Petroleum, refining.**—In the production of crude petroleum California leads all other states in the Union, and its refineries were supplied entirely from the native product. In 1909 the output of crude oil in the state was reported as 54,433,010 barrels, valued at \$30,675,267, these figures representing 29.9 per cent of the total quantity and 23.9 per cent of the total value of crude oil produced in the United States. A large part of the California oils are heavy and useful mainly for the production of asphalt, as they have an asphaltum rather than a paraffin basis. The total number of refineries in the state increased from 4 in 1899 to 19 in 1904 and 29 in 1909.

The following table shows the quantity and cost of materials used in the refineries of the state, the quantity and value of the principal products, and the main equipment reported for 1909, 1904, and 1899:

MATERIAL, PRODUCT, AND EQUIPMENT.	1909	1904	1899
<b>Materials used, total cost</b> .....	\$13,897,721	\$4,130,809	\$483,983
Crude petroleum.....	13,481,085	4,309,690	339,863
Barrels (42 gallons).....	\$10,105,241	\$3,431,754	\$405,150
Cost.....	866,894	131,044	\$9,400
Containers.....			
All other materials.....	\$2,935,486	\$567,651	\$75,439
<b>Products, total value</b> .....	\$17,878,006	\$5,748,598	\$697,877
<b>Oils:</b>			
Illuminating—			
Barrels (50 gallons).....	1,728,863	647,934	45,849
Value.....	\$5,047,759	\$2,023,738	\$170,066
Fuel (including gas oils).....			
Barrels.....	3,931,366	781,215	84,249
Value.....	\$3,602,603	\$618,178	\$98,237
Lubricating—			
Barrels.....	186,672	54,018	2,052
Value.....	\$1,137,661	\$221,760	\$10,262
Naphtha and gasoline (including gas naphtha)—			
Barrels.....	628,894	228,015	57,995
Value.....	\$3,256,209	\$936,063	\$301,209
All other products.....	\$4,573,774	\$1,938,859	\$218,163
<b>Equipment:</b>			
Stills, number.....	237	106	37
Heated by steam—			
Number.....	28	(1)	(1)
Capacity (barrels of 42 gallons).....	4,934	(1)	(1)
Heated by superheated steam—			
Number.....	1		(1)
Capacity (barrels of 42 gallons).....	200		(1)
Heated by fire—			
Number.....	208	(1)	(1)
Capacity (barrels of 42 gallons).....	156,399	(1)	(1)
Agitators, number.....	56	47	7
Hydraulic or other presses, number.....	7	2	2
Storage tanks:			
For crude petroleum—			
Number.....	165	43	12
Capacity, gallons.....	29,937,397	12,439,724	(1)
For refined petroleum—			
Number.....	636	375	(1)
Capacity, gallons.....	55,413,986	40,419,383	(1)
Cooper shops, number.....	8	11	2
Tin shops, number.....	1	2	1

<sup>1</sup> Figures not available.

The output of fuel oils (including gas oils) refined in 1909 was greater than the combined output of all other products shown separately, forming 60.7 per cent of the total output of oils. The corresponding proportion for 1904 was 43.8 per cent and for 1899, 44.3 per cent. The fuel oils produced in California represented 11.6 per cent of the total output of fuel oils in the United States in 1909. Illuminating oils, the next product in importance, show a decided increase from census to census. The proportion which this latter class of oils formed of the total output of oils increased from 24.1 per cent in 1899 to 38.8 per cent in 1904, but decreased to 26.7 per cent in 1909.

In addition to the products shown separately in the table, a number of other products were reported, the most important being oil asphaltum, the output of which in 1909 was 139,473 tons of 2,000 pounds. No comparative figures, however, are available, as prior to 1909 this product was not reported separately. There was a great increase from 1899 to 1904 in the quantity of residuum or tar reported, but in 1909 the amount was very much reduced. Considerable quantities of

fuel and other distillates and some liquid asphalt were also reported in 1909.

The great increase in the industry is also reflected in the increase in equipment, such as stills, storage tanks, and agitators.

**Butter, cheese, and condensed milk.**—While this industry shows a decided increase in value of products for each of the five-year periods covered by the table, the number of establishments, as shown in Table I, page 698, though increasing considerably from 1899 to 1904, decreased 42.7 per cent from 1904 to 1909. The decrease is due entirely to a change in the manner of conducting the industry. In 1904 there were a number of local creameries which have since been abandoned or else are now used simply as collecting depots, from which the milk and cream are shipped to large central plants. In 1909 only one establishment in the industry was engaged primarily in the manufacture of condensed milk, whereas six were reported as so engaged in 1904 and two in 1899.

The following table gives the quantity and value of the chief products for 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
<b>Total value</b> .....	<b>\$12,786,670</b>	<b>\$7,826,937</b>	<b>\$3,582,942</b>
<b>Butter:</b>			
Pounds.....	37,283,450	26,837,386	13,147,137
Value.....	\$11,644,453	\$9,640,845	\$2,854,632
<b>Packed solid:</b>			
Pounds.....	7,764,606	3,070,637	2,983,262
Value.....	\$2,388,265	\$742,929	\$354,478
<b>Prints or rolls:</b>			
Pounds.....	29,518,754	23,766,749	10,163,875
Value.....	\$9,336,188	\$5,897,916	\$2,270,154
<b>Cream sold:</b>			
Pounds.....	2,674,825	921,334	1,036,600
Value.....	\$411,473	\$132,277	\$130,253
<b>Cheese, full cream:</b>			
Pounds.....	1,567,640	3,601,051	2,676,543
Value.....	\$392,562	\$435,231	\$279,135
<b>All other products.....</b>	<b>\$482,162</b>	<b>\$622,584</b>	<b>\$328,902</b>

<sup>1</sup> Includes, in 1909, 123,000 pounds of part-cream cheese, valued at \$13,206; in 1904, 174,000 pounds of "other kinds," valued at \$39,375; and, in 1899, 253,838 pounds of "other kinds," valued at \$34,615.

The total quantity of butter manufactured in the state during 1909 was 37,283,450 pounds, an increase of 38.9 per cent as compared with 1904 and of 183.6 per cent as compared with 1899. The value of butter represented 91.3 per cent of the total value of all products reported for the industry in 1909, as compared with 84.9 per cent in 1904 and 79.7 per cent in 1899. Although by far the largest part of the butter manufactured was in prints and rolls, there were large relative increases from 1904 to 1909 in the quantity and value of butter packed solid, amounting to 152.9 per cent and 221.5 per cent, respectively.

The output of cheese increased decidedly in both quantity and value from 1899 to 1904, but the totals shown for 1909 were less than those presented for 1899. These decreases are no doubt due in part to the increasing practice of separating the cream on the farm, as it is now more profitable to sell the separated cream to the butter factories. The greater profit resulting from the sale of milk to the dealers in the

cities may also have been a factor in the decrease referred to.

**Leather, tanned, curried, and finished.**—The quantity and cost of the materials used and the quantity and value of the principal products reported for this industry are shown separately for 1909, 1904, and 1899 in the following table:

MATERIAL OR PRODUCT.	1909	1904	1899
<b>Materials used, total cost.....</b>	<b>\$7,038,453</b>	<b>\$5,912,140</b>	<b>\$5,869,428</b>
<b>Cattle hides:</b>			
Number.....	611,421	634,417	685,186
Cost.....	\$4,300,834	\$3,528,424	\$3,207,562
<b>Call and kip skins:</b>			
Number.....	113,449	107,834	122,167
Cost.....	\$302,613	\$138,172	\$138,507
<b>Goatskin:</b>			
Number.....	20,724	20,022	27,052
Cost.....	\$10,501	\$13,814	\$12,000
<b>Sheepskins:</b>			
Number.....	1,328,712	1,510,067	1,381,579
Cost.....	\$626,139	\$829,275	\$890,014
<b>All other skins:</b>			
Number.....	82,047	112,720	136,319
Cost.....	\$77,921	\$82,774	\$147,280
<b>Rough leather, purchased.....</b>	<b>\$14,920</b>	<b>\$115,160</b>	<b>\$34,214</b>
<b>All other materials.....</b>	<b>\$1,377,425</b>	<b>\$1,206,521</b>	<b>\$979,851</b>
<b>Products, total value.....</b>	<b>\$9,366,545</b>	<b>\$8,072,257</b>	<b>\$7,405,981</b>
<b>Leather:</b>			
Sole.....	\$8,237,323	\$7,196,516	\$6,859,482
Sides.....	472,236	575,393	556,063
Value.....	\$3,100,230	\$2,971,579	\$2,532,988
<b>Oak:</b>			
Sides.....	629,716	575,393	556,063
Value.....	\$2,040,734	\$2,971,579	\$2,532,988
<b>Chrome:</b>			
Sides.....	42,520	.....	.....
Value.....	\$159,492	.....	.....
<b>Upper, other than calf or kip skins.....</b>	<b>\$112,601</b>	<b>\$102,303</b>	<b>\$150,473</b>
Grain, salin, pebble, etc. (side leather):			
Sides.....	24,268	22,780	60,603
Value.....	\$83,776	\$69,680	\$139,572
<b>Finished splices:</b>			
Number.....	42,600	83,832	7,520
Value.....	\$28,825	\$32,633	\$10,901
<b>Horsehides:</b>			
Number.....	9,427	3,400	.....
Value.....	\$34,757	\$12,600	.....
<b>Calf and kip skins, tanned and finished:</b>			
Number.....	127,859	106,571	122,152
Value.....	\$408,507	\$241,738	\$195,124
<b>Flesh:</b>			
Number.....	5,583	68,688	85,000
Value.....	\$16,084	\$142,749	\$141,529
<b>Grain:</b>			
Number.....	122,269	37,883	37,152
Value.....	\$392,873	\$98,979	\$53,555
<b>Goatskin:</b>			
Number.....	10,360	3,000	6,400
Value.....	\$24,294	\$12,000	\$6,940
<b>Sheepskins, tanned and finished:</b>			
Number.....	601,802	1,012,816	1,135,250
Value.....	\$237,476	\$314,202	\$318,900
<b>Harnes:</b>			
Sides.....	383,264	339,041	379,323
Value.....	\$2,571,122	\$1,904,647	\$1,976,755
<b>Glove:</b>			
Number.....	773,587	530,480	525,507
Rough leather sold.....	\$210,051	\$352,799	\$309,405
All other.....	\$804,232	\$727,118	\$544,290
<b>All other products.....</b>	<b>\$1,090,436</b>	<b>\$667,855</b>	<b>\$843,710</b>
Amount received for work on materials for others.....	\$38,786	\$7,886	\$2,789

Untanned cattle hides constituted the principal material at each census, their value forming 61.1 per cent of the total reported for all materials in 1909, as against 59.7 per cent in 1904 and 55.2 per cent in 1899. The number of hides used increased 8.4 per cent from 1899 to 1904, but decreased slightly from 1904 to 1909. The number of calf and kip skins used in 1909 was somewhat larger than in 1904, and the number of goatskins also shows a slight increase; large decreases were, however, reported in the number of sheepskins and of the skins included under the head

of "All other skins." Each kind of skins used shows a decrease in 1909 as compared with 1899. There was also a pronounced decrease during the decade in both the quantity and cost of leather purchased in the rough for currying.

Measured by value, the most important individual class of products at each of the three censuses was oak sole leather, the output of which increased slightly in both quantity and value from 1899 to 1904, but decreased in both respects during the period from 1904 to 1909. The product next in importance was harness leather, which shows a decrease in both quantity and value of output from 1899 to 1904, but an increase in both respects during the next five years. Pronounced increases from 1904 to 1909 are shown for tanned and finished grain calf and kip skins, while decided decreases during the same period are shown for tanned and finished sheepskins and in the value of rough leather sold.

**Laundries.**—Statistics for steam laundries are not included in the general tables, or in the totals for manufacturing industries. In 1909 there were 321 such establishments in California, 87 of which were in San Francisco, 41 in Oakland, 31 in Los Angeles, and 10 in Sacramento.

The following statement summarizes the statistics:

Number of establishments.....	321
Persons engaged in the industry.....	9, 060
Proprietors and firm members.....	308
Salaried employees.....	714
Wage earners (average number).....	8, 038
Primary horsepower.....	8, 961
Capital.....	\$6, 295, 915
Expenses.....	8, 177, 759
Services.....	5, 260, 743
Materials.....	1, 612, 112
Miscellaneous.....	1, 304, 904
Amount received for work done.....	9, 541, 795

Of the 321 establishments reporting, 146 were operated by individuals, 66 by firms, and 109 by corporations. Sixty-five establishments had receipts for the year's business of less than \$5,000; 130, receipts of \$5,000 but less than \$20,000; 107, receipts of \$20,000 but less than \$100,000; and 19, receipts of \$100,000 but less than \$1,000,000.

The number of wage earners employed each month and the percentage which this number represented of the greatest number employed in any month were as shown in the next table.

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	7, 632	91.2	July.....	8, 366	100.0
February.....	7, 560	90.4	August.....	8, 277	98.9
March.....	7, 828	93.6	September.....	8, 359	99.8
April.....	7, 911	94.6	October.....	8, 209	98.1
May.....	7, 983	95.4	November.....	8, 118	97.0
June.....	8, 107	96.9	December.....	8, 116	97.0

The different kinds of primary power, the number of engines or motors, and the horsepower used in 1909 are shown in the following tabular statement:

KIND.	Number of engines or motors.	Horsepower.
<b>Primary power, total.....</b>		<b>8, 961</b>
Owued:		
Steam.....	302	7, 594
Gas.....	3	15
Water wheels.....	5	150
Water motor.....	1	10
Rented:		
Electric.....	235	1, 224
Other.....		58

The kind and amount of fuel used are shown in the following statement:

KIND.	Unit.	Quantity.
Anthracite coal.....	Tons.....	222
Bituminous coal.....	Tons.....	2, 646
Coke.....	Tons.....	19
Wood.....	Cords.....	3, 496
Oil.....	Barrels.....	270, 910
Gas.....	1, 000 feet.....	50, 267

**Custom sawmills and gristmills.**—Statistics for custom gristmills are not included in the general tables or in the totals for manufacturing industries, but are presented in the following summary. Statistics can not be shown for custom sawmills without disclosing the operations of the one establishment reported.

	Custom gristmills.
Number of establishments.....	12
Persons engaged in the industry.....	28
Proprietors and firm members.....	9
Salaried employees.....	4
Wage earners (average number).....	15
Primary horsepower.....	518
Capital.....	\$95, 411
Expenses.....	525, 097
Services.....	11, 663
Materials.....	1, 505, 859
Miscellaneous.....	10, 475
Value of products.....	1, 572, 597

† Includes estimate of all grain ground.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY.	Census.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
		Total.	Proprietors and firm members.	Salaried employ-ees.	Wage earners (average number).								
Expressed in thousands.													
<b>STATE—All Industries</b>	1899	7,689	141,576	8,077	18,203	115,296	329,106	\$537,134	\$22,959	\$84,142	\$325,238	\$299,761	\$204,523
	1904	8,339	120,940	7,462	12,282	100,358	210,339	228,647	14,399	64,637	215,728	367,218	131,496
	1899	4,987	77,224	6,877	8,377	77,224	126,863	175,468	7,465	39,890	164,894	257,585	82,592
Agricultural implements.....	1909	25	749	19	108	622	1,158	2,359	123	451	1,441	2,670	1,220
	1904	25	585	19	87	479	583	2,240	99	349	724	1,454	760
	1899	20	655	12	81	562	689	1,852	75	322	539	1,353	819
Artificial stone.....	1909	06	434	71	43	320	247	448	36	239	229	643	423
	1904	22	227	19	28	196	87	202	20	122	130	329	199
Automobiles, including bodies and parts.	1909	41	589	50	61	478	305	701	71	358	700	1,470	770
	1899	6	21	4	3	14	32	49	10	13	26	36	22
Babbitt metal and solder.....	1909	5	81	29	52	91	547	67	40	847	1,120	273	273
	1904	4	57	3	17	37	72	256	29	590	721	131	131
	1899	4	46	4	8	34	176	11	23	464	551	87	87
Boots and shoes, including cut stock and findings.	1909	18	840	76	69	695	369	1,192	89	402	1,129	1,924	804
	1904	14	817	59	50	708	246	1,157	51	389	1,000	1,734	734
	1899	134	1,124	88	63	1,000	359	1,202	66	460	1,163	1,862	729
Boxes, fancy and paper.....	1909	19	703	10	69	624	465	731	88	271	442	965	523
	1904	16	473	12	33	433	165	420	36	152	241	524	283
	1899	13	330	20	14	296	100	153	11	96	134	329	196
Brass and bronze products.....	1909	29	259	28	36	195	261	338	42	181	295	679	394
	1904	22	463	21	56	388	223	780	76	260	321	940	619
	1899	16	591	19	27	345	100	779	34	219	400	511	411
Bread and other bakery products.....	1909	864	5,801	1,077	706	4,818	2,517	8,056	663	3,075	10,377	17,710	7,333
	1904	855	8,808	737	295	2,782	1,327	214	1,357	5,735	10,319	4,363	3,807
	1899	359	2,165	423	194	1,548	500	1,665	110	836	2,624	4,877	2,203
Brick and tile.....	1909	78	1,879	35	141	1,703	8,972	9,169	162	1,146	952	2,756	1,804
	1904	69	1,504	46	101	1,357	5,067	3,929	102	825	335	1,916	1,581
	1899	56	825	60	45	720	1,468	1,205	43	333	166	834	668
Butter, cheese, and condensed milk.....	1909	161	915	119	202	597	2,496	2,829	202	466	11,140	12,761	1,621
	1904	281	997	259	125	603	3,026	2,197	78	414	6,460	7,821	1,361
	1899	178	628	137	90	462	1,527	1,157	47	293	2,983	3,563	729
Canning and preserving.....	1909	196	8,714	148	869	7,757	7,453	18,316	1,080	3,454	24,009	32,915	8,966
	1904	236	8,516	169	617	7,727	4,683	797	1,000	16,828	26,083	37,428	7,298
	1899	183	7,777	349	8,200	7,777	5,511	344	2,257	10,145	14,941	4,796	4,796
Carriages and wagons and materials.....	1909	155	1,015	185	70	769	957	1,635	74	610	849	2,052	1,303
	1904	198	1,277	248	49	980	782	1,730	51	715	852	2,352	1,500
	1899	193	1,277	248	49	980	782	1,730	51	715	852	2,352	1,500
Cars and general shop construction and repairs by steam-railroad companies.	1909	42	9,688	346	9,342	7,877	4,721	379	8,394	9,549	18,719	9,170	9,170
	1904	28	8,522	271	8,251	4,733	4,047	312	6,068	3,251	9,836	5,385	5,385
	1899	29	5,639	110	4,926	3,162	4,450	152	5,907	3,825	7,564	3,729	3,729
Cars and general shop construction and repairs by street-railroad companies.	1909	21	2,002	100	1,902	2,055	2,139	97	1,676	1,152	3,009	1,857	1,857
	1899	3	943	91	802	235	144	94	672	461	1,228	707	707
Cement.....	1909	8	2,521	114	2,407	28,892	24,014	195	1,650	2,182	6,504	4,322	4,322
	1904	4	628	32	596	5,351	4,856	89	236	664	1,601	937	937
Chemicals.....	1909	13	294	2	48	244	1,308	2,788	66	168	762	1,306	544
	1904	15	303	3	41	259	1,060	1,969	44	139	700	1,124	424
	1899	21	463	11	62	399	984	1,845	70	230	1,406	2,061	655
Clothing, men's, including shirts.....	1909	74	2,859	272	202	2,385	540	2,258	201	1,050	2,895	5,121	2,226
	1904	98	3,199	287	144	2,708	371	1,540	129	1,146	2,763	5,238	2,475
	1899	108	2,859	272	102	2,968	540	1,293	97	945	2,710	4,721	2,011
Clothing, women's.....	1909	64	1,197	313	98	791	137	643	100	350	876	1,672	796
	1904	55	1,275	231	67	877	96	537	58	424	863	1,745	885
	1899	59	1,560	182	97	1,319	162	602	41	437	1,003	1,457	1,457
Coffee and spice, roasting and grinding.	1909	44	707	27	328	352	1,123	3,294	532	245	4,017	6,492	1,875
	1904	45	627	42	254	331	810	2,221	343	196	3,251	4,683	1,332
	1899	40	483	48	168	267	1,657	212	158	2,315	3,136	821	821
Confectionery.....	1909	89	1,410	102	306	1,002	582	2,123	271	459	2,138	3,624	1,486
	1904	93	1,564	105	225	1,234	567	1,810	216	533	1,647	3,590	1,859
	1899	36	600	157	711	1,111	811	106	220	904	1,167	886	886
Cooperage and wooden goods, not elsewhere specified.	1909	38	502	49	46	416	1,192	626	1,547	67	323	1,579	2,167
	1904	31	527	28	32	463	626	798	47	347	1,154	1,718	584
	1899	23	434	36	13	385	471	15	247	948	1,413	465	465
Copper, tin, and sheet-iron products.....	1909	233	2,511	317	250	1,938	1,307	7,180	319	1,659	3,565	6,804	3,239
	1904	123	2,279	147	132	2,000	628	9,637	238	1,299	3,288	5,938	2,650
	1899	53	1,137	78	78	1,780	2,069	84	876	3,508	5,285	1,777	1,777
Electrical machinery, apparatus, and supplies.	1909	27	510	11	91	435	442	779	102	240	928	1,613	685
	1904	24	521	6	112	408	278	716	113	244	434	1,094	570
	1899	11	272	5	29	238	436	181	29	130	359	656	197

1 Not reported separately.

2 Excluding statistics for one establishment, to avoid disclosure of individual operations.

3 Figures can not be shown without disclosing individual operations.

STATISTICS OF MANUFACTURES.

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TABLE L.—COMPARATIVE SUMMARY FOR 1900, 1904, AND 1899—Continued.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	
		Total.	Pro- pri- etors and firm mem- bers.	Salari- ed employ- ees.	Wage earners (average num- ber).								
STATE—Continued.													
Fertilizers.....	1900	15	278	1	51	226	1,579	\$2,007	\$72	\$155	\$1,790	\$2,313	\$517
	1904	14	168	10	35	123	852	904	39	69	519	894	375
	1899	8	189	3	16	70	415	648	20	40	483	671	188
Firearms and ammunition.....	1900	5	5	.....	36	156	327	2,169	52	83	1,167	1,577	419
	1904	4	141	.....	24	117	235	499	24	58	510	793	270
	1899	5	142	.....	11	130	310	415	18	61	491	632	161
Flour-mill and gristmill products.....	1900	125	1,432	82	362	948	11,545	15,424	514	732	21,892	25,188	3,296
	1904	102	1,900	94	317	889	11,004	11,467	443	659	17,132	20,203	3,071
	1899	127	.....	.....	165	857	10,015	10,463	269	525	11,023	13,945	2,022
Food preparations.....	1900	129	1,108	171	221	716	1,359	3,332	227	406	3,970	5,508	1,538
	1904	75	661	122	110	429	659	846	87	190	938	1,587	649
	1899	58	.....	.....	30	302	469	469	30	138	678	1,181	473
Foundry and machine-shop products.....	1900	543	10,218	470	1,371	8,377	17,253	26,698	1,332	7,312	12,901	26,731	13,830
	1904	388	7,770	368	814	6,588	17,849	16,125	1,091	4,913	7,383	10,213	5,184
	1899	298	.....	.....	527	5,173	8,471	602	3,332	5,915	13,023	17,708	7,108
Furnishing goods, men's.....	1900	11	187	14	39	134	16	318	35	67	457	271	264
	1904	6	114	10	12	92	8	60	10	37	107	174	107
	1899	14	.....	.....	53	578	.....	271	38	129	361	656	285
Furniture and refrigerators.....	1900	129	1,978	124	201	1,653	2,333	3,062	226	507	1,858	4,496	2,638
	1904	90	1,381	85	102	1,194	1,748	2,451	114	887	1,290	2,834	1,544
	1899	40	791	50	57	684	.....	543	43	365	584	1,268	684
Gas and electric fixtures and lamps and reflectors.....	1900	41	785	31	201	553	540	1,743	232	446	750	1,715	965
	1904	12	307	11	52	244	156	498	49	169	193	590	307
	1899	14	281	13	51	217	.....	442	61	128	185	499	314
Gas, illuminating and heating.....	1900	74	2,538	1	871	1,666	7,502	47,075	824	1,408	2,604	8,927	6,323
	1904	53	1,303	1	454	848	3,606	31,286	391	650	1,184	5,412	4,228
	1899	41	910	.....	203	707	.....	20,487	229	467	896	5,162	2,366
Gloves and mittens, leather.....	1900	23	717	21	126	570	88	1,009	129	267	558	1,231	673
	1904	22	588	21	31	516	44	604	47	913	617	1,422	852
	1899	23	717	30	65	622	40	433	53	225	437	921	473
Ice, manufactured.....	1900	77	854	35	153	666	9,971	7,781	212	572	564	2,331	1,767
	1904	54	517	35	67	415	5,788	3,550	71	335	299	1,307	1,008
	1899	20	261	7	64	190	1,963	1,306	63	132	120	511	391
Iron and steel, steel works and rolling mills.....	1900	4	1,085	.....	47	1,038	3,945	2,646	81	829	2,348	3,520	1,172
	1904	4	908	.....	35	773	2,618	1,110	53	492	779	1,489	710
	1899	3	.....	.....	18	555	2,056	1,469	22	327	607	901	294
Jewelry.....	1900	58	757	165	58	574	324	462	65	477	664	1,557	893
	1904	49	606	127	34	443	161	331	38	375	682	1,447	765
	1899	21	.....	.....	16	221	.....	186	17	160	400	693	263
Leather goods.....	1900	88	946	79	157	710	321	1,945	148	458	1,101	2,244	1,143
	1904	97	973	99	99	775	357	2,075	112	498	1,016	2,126	1,109
	1899	64	.....	.....	87	764	.....	1,256	74	366	915	1,703	788
Leather, tanned, curried, and finished.....	1900	40	1,547	20	129	1,398	3,334	8,535	215	968	7,039	9,367	3,328
	1904	6	2,261	36	116	1,516	3,884	9,852	452	1,529	8,022	12,160	4,684
	1899	45	1,577	48	75	1,454	2,152	4,820	106	871	5,800	7,406	1,907
Lime.....	1900	15	459	12	37	410	558	1,381	55	234	212	600	397
	1904	13	362	4	32	366	95	1,253	43	173	161	572	411
Liquors, distilled.....	1900	33	264	26	45	193	1,360	2,476	56	128	835	5,533	4,518
	1904	28	181	18	37	76	683	1,028	36	50	375	1,165	790
	1899	9	.....	.....	9	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, malt.....	1900	83	1,626	48	282	1,296	8,807	18,804	545	1,391	2,559	9,319	6,760
	1904	97	1,311	92	514	1,303	6,924	18,025	353	1,145	11,529	34,655	23,086
	1899	99	1,180	105	125	950	3,605	8,183	213	753	1,277	5,085	3,808
Liquors, vinous.....	1900	181	1,691	157	247	1,287	5,314	20,189	429	682	4,674	8,937	4,968
	1904	273	1,888	240	202	1,146	5,007	10,181	230	656	3,669	6,689	3,620
	1899	187	804	172	106	536	.....	4,659	124	225	2,527	3,938	1,411
Lumber and timber products.....	1900	644	25,079	547	1,297	22,935	94,014	55,165	2,297	13,651	18,399	45,000	26,631
	1904	582	20,612	545	1,148	18,019	71,931	37,904	1,432	12,780	11,529	34,655	23,086
	1899	435	.....	.....	599	13,285	44,129	19,280	666	5,643	8,092	20,304	12,212
Marble and stone work.....	1900	128	1,724	155	154	1,415	3,562	3,145	210	1,241	1,183	3,389	2,197
	1904	69	992	84	71	837	1,324	1,814	83	807	1,005	2,365	1,390
	1899	48	.....	.....	39	566	723	1,009	44	413	368	1,122	754
Mattresses and spring beds.....	1900	35	671	25	118	528	727	1,351	149	361	1,243	2,164	921
	1904	31	520	34	63	423	336	592	65	237	475	1,010	535
	1899	10	.....	.....	16	128	.....	129	29	54	293	474	184
Paint and varnish.....	1900	35	570	14	120	396	1,387	2,075	158	375	2,032	3,738	1,106
	1904	22	305	12	80	314	614	1,017	86	201	1,078	2,370	692
	1899	14	.....	.....	39	177	614	2,022	48	178	942	1,259	317

<sup>1</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.

<sup>2</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.

<sup>3</sup> Not reported separately.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
Expressed in thousands.													
<b>STATE—Continued.</b>													
Paper and wood pulp .....	1909	4	340	2	26	312	7,163	\$2,068	\$36	\$207	\$440	\$969	\$529
	1904	3	273	2	12	239	3,808	1,176	20	181	274	640	366
	1899												
Patent medicines and compounds and druggists' preparations.	1909	89	574	56	208	310	347	994	212	148	639	1,549	910
	1904	83	548	64	140	544	124	905	162	175	532	1,445	912
	1899	52			102	364		950	95	168	754	1,502	808
Petroleum, refining .....	1909	20	1,846	4	212	930	5,630	13,881	367	801	13,998	17,878	3,960
	1904	19	840		162	678	1,283	5,453	212	477	4,131	5,749	1,618
	1899	4	72		19	53	180	478	40	42	490	698	238
Pottery, terra-cotta, and fire-clay products.	1909	20	1,167	12	128	1,027	2,850	3,545	184	641	505	1,797	1,292
	1904	22	941	10	71	860	2,195	3,484	99	553	396	1,701	1,365
	1899	18	448	16	41	391	1,084	1,307	246	265	751	1,061	460
Printing and publishing .....	1909	1,240	12,215	1,151	3,598	7,556	6,474	17,198	3,829	6,432	6,327	25,032	18,705
	1904	1,091	10,444	1,032	2,312	7,080	5,238	11,746	2,315	5,182	4,525	13,127	14,602
	1899				1,048	4,957		7,037	1,060	3,001	2,006	10,586	7,980
Salt .....	1909	19	469	22	45	402	1,228	2,023	56	212	242	746	504
	1904	20	376	25	38	313	756	1,277	34	138	120	429	309
	1899	21	332	28	37	267		758	37	110	117	380	263
Slaughtering and meat packing .....	1909	94	2,135	111	383	1,641	3,807	11,463	550	1,307	28,448	34,280	5,832
	1904	76	1,659	84	288	1,267	2,092	4,479	351	814	18,572	22,013	3,261
	1899	64			182	939		3,952	255	553	13,616	15,817	2,201
Stoves and furnaces, including gas and oil stoves.	1909	17	266	11	40	215	152	413	43	174	206	514	308
	1904	7	189	7	15	167	138	156	13	90	98	279	181
	1899												
Sulphuric, nitric, and mixed acids.	1909	6	247		30	217	735	2,614	57	173	740	1,161	421
	1904	4	258		21	237	616	1,525	44	158	596	915	319
	1899												
Tobacco manufactures .....	1909	392	2,189	613	111	1,465	71	1,622	133	857	1,217	3,360	2,148
	1904	372	2,522	685	72	1,783	22	1,545	66	823	1,007	3,152	2,085
	1899	231	1,628	346	47	1,235		756	55	493	741	1,888	1,148
All other industries .....	1909	976	17,949	995	2,613	14,341	50,707	153,969	3,761	10,603	98,545	131,833	33,288
	1904	932	18,378	965	2,120	15,233	40,220	31,664	2,788	10,008	72,667	97,731	25,664
	1899	813			1,297	13,872		48,720	1,553	7,778	67,563	87,463	19,900

## CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

LOS ANGELES—All industries.	1909	1,323	21,875	1,181	3,367	17,327	33,166	\$59,518	\$3,812	\$1,688	\$38,913	\$38,586	\$29,873
	1904	814	13,189	761	2,904	10,424	18,181	23,181	1,897	7,088	18,889	34,814	16,128
	1899	634			717	5,123		10,945	871	2,490	8,591	15,134	7,146
Artificial stone .....	1909	8	97	11	8	83	15	70	9	66	31	147	118
	1904	3	78		9	69		100	9	43	62	129	77
	1899												
Boots and shoes, including cut stock and findings.	1909	4	38	3	4	31	44	4	6	24	3	75	40
	1904	3	10					4		3	5	14	9
	1899												
Brass and bronze products .....	1909	8	70	7	8	55	99	86	12	46	60	192	132
	1904	4	58	5	6	47		34	6	28	39	106	67
	1899												
Bread and other bakery products.	1909	159	1,445	176	163	1,106	901	1,887	200	702	2,870	4,670	1,800
	1904	75	558	88	58	412		591	60	272	1,027	1,744	717
	1899	51	307	59	40	208		259	21	111	331	660	329
Brick and tile .....	1909	8	412		21	391	1,451	1,433	32	215	203	658	425
	1904	7	411	7	21	383		713	23	202	113	477	374
	1899	6	153		8	110		106	7	43	21	131	90
Brooms and brushes .....	1909	8	63	8	3	52	26	116	2	28	86	151	65
	1904	4	46			43		43		22	44	84	40
	1899	4	38	3	3	32		25	3	13	34	57	23
Butter, cheese, and condensed milk .....	1909	4	61		17	44	168	172	20	36	1,307	1,417	110
	1904	5	66	5	8	53		202	6	42	556	677	119
	1899	3	35	2	8	24		37	6	13	208	250	44
Canning and preserving .....	1909	21	479	20	50	409	471	963	64	175	771	1,255	484
	1904	14	368	7	31	337		659	51	117	521	821	303
	1899	7			14	370		224	14	88	382	556	174
Carriages and wagons and materials .....	1909	23	195	24	11	160	102	305	8	119	252	481	229
	1904	16	144	19	5	120		73	3	84	104	305	201
	1899	10				81		49		36	55	128	71
Cars and general shop construction and repairs by steam-railroad companies.	1909	4	1,338		51	1,887	1,083	741	58	1,632	1,601	3,362	761
	1904	3	1,477		33	1,404		957	40	1,159	334	1,550	416
	1899	3	629		21	537		349	28	292	280	715	215

1 Figures are shown without disclosing individual operations.

2 Excluding statistics for one establishment, to avoid disclosure of individual operations.

3 Not reported separately.

4 Excluding statistics for two establishments, to avoid disclosure of individual operations.

STATISTICS OF MANUFACTURES.

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TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
		Number of establishments.	Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
<b>LOS ANGELES—Continued.</b>													
Clothing, men's, including shirts.....	1909	15	505	19	34	452	99	\$229	\$32	\$186	\$486	\$522	\$336
	1904	19	258	12	8	238	.....	29	6	89	163	299	134
	1899	19	178	17	6	155	.....	20	4	40	154	322	107
Clothing, women's.....	1909	12	199	15	23	161	42	131	26	72	215	321	167
	1904	4	59	7	10	42	.....	16	7	24	44	88	47
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coffee and spice, roasting and grinding.....	1909	11	164	6	68	90	241	700	85	67	802	1,150	348
	1904	9	62	11	10	41	.....	200	12	29	347	497	150
	1899	8	38	9	8	21	.....	112	7	9	181	245	64
Confectionery.....	1909	11	163	11	32	120	30	158	29	48	204	343	139
	1904	13	394	17	39	338	.....	268	55	150	854	421	250
	1899	13	.....	.....	41	.....	.....	260	37	71	361	667	306
Cooperage and wooden goods, not elsewhere specified.	1909	6	44	7	4	33	89	113	6	25	106	139	33
	1904	3	55	1	4	50	.....	64	5	28	171	232	61
	1899	3	36	4	1	31	.....	48	1	19	71	133	62
Copper, tin, and sheet-iron products.....	1909	53	439	59	28	352	147	688	38	250	611	1,124	513
	1904	24	243	30	12	201	.....	269	12	150	244	515	271
	1899	14	.....	.....	12	285	.....	411	15	115	454	707	273
Electrical machinery, apparatus, and supplies.	1909	12	104	4	21	79	104	138	25	52	97	211	114
	1904	6	107	2	44	121	.....	265	43	24	174	400	225
	1899	3	47	1	11	35	.....	56	13	29	16	67	51
Fancy articles, not elsewhere specified.....	1909	9	36	11	2	23	50	32	1	14	9	43	34
	1904	9	61	14	4	43	.....	39	2	22	17	71	54
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flour-mill and gristmill products.....	1909	7	194	.....	59	135	1,260	2,676	99	95	4,830	5,347	517
	1904	8	165	2	53	110	.....	1,859	75	81	2,364	2,799	435
	1899	10	115	5	29	79	.....	907	41	41	1,052	1,262	204
Food preparations.....	1909	22	187	26	39	151	236	358	28	63	376	580	204
	1904	10	30	18	7	55	.....	66	6	24	50	118	68
	1899	7	27	10	3	14	.....	31	.....	4	36	56	20
Foundry and machine-shop products.....	1909	113	2,849	84	343	2,422	3,852	7,263	477	1,897	3,755	7,777	4,022
	1904	58	1,489	56	152	1,281	.....	2,911	188	968	1,606	3,557	1,951
	1899	37	.....	78	560	.....	.....	1,032	71	364	779	1,565	786
Furniture and refrigerators.....	1909	42	469	42	47	380	584	556	51	310	554	941	587
	1904	34	286	27	34	325	.....	547	41	224	480	830	398
	1899	8	133	9	19	105	.....	106	7	47	126	230	104
Gas and electric fixtures and lamps and reflectors.	1909	15	288	7	85	196	290	510	105	162	267	670	403
	1904	4	21	4	4	13	.....	19	3	9	16	40	24
	1899	5	63	3	8	52	.....	66	10	34	38	123	85
Hand stamps and stencils and brands.....	1909	3	41	3	16	22	18	55	18	17	22	92	70
	1904	5	29	3	8	18	.....	30	7	9	5	40	35
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ice, manufactured.....	1909	6	321	.....	49	272	2,206	2,702	81	224	142	765	623
	1904	5	164	.....	29	144	.....	1,272	23	11	91	470	379
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jewelry.....	1909	16	112	21	19	72	37	153	21	55	102	246	144
	1904	9	77	10	10	57	.....	55	8	47	44	151	107
	1899	3	.....	.....	2	7	.....	46	2	7	30	61	31
Leather goods.....	1909	32	322	28	79	215	70	662	70	117	492	757	355
	1904	24	216	19	42	175	.....	571	45	101	484	688	288
	1899	11	125	13	10	102	.....	65	10	33	126	126	94
Liquors, malt.....	1909	4	290	.....	48	242	1,682	3,846	97	258	362	1,457	1,095
	1904	3	217	.....	37	180	.....	1,807	64	141	227	798	571
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, vinous.....	1909	13	40	15	2	23	116	270	1	13	42	136	94
	1904	10	55	10	4	41	.....	391	3	22	80	164	84
	1899	16	67	17	4	46	.....	167	5	18	89	136	47
Lumber and timber products.....	1909	61	1,816	45	213	1,558	6,207	3,791	236	1,108	3,529	5,684	2,155
	1904	40	1,024	34	102	888	.....	1,256	122	584	1,987	2,700	1,103
	1899	24	416	21	46	349	.....	826	45	173	490	912	422
Marble and stone work.....	1909	14	108	22	11	75	258	222	9	72	116	257	141
	1904	16	46	8	4	34	.....	40	6	36	26	96	70
	1899	16	36	7	3	26	.....	27	4	15	27	62	35
Mattresses and spring beds.....	1909	11	214	9	37	168	187	399	46	115	275	787	292
	1904	8	130	12	17	71	.....	100	11	47	159	267	108
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Models and patterns, not including paper patterns.	1909	6	20	7	.....	13	33	8	.....	7	6	28	22
	1904	9	26	11	.....	15	.....	9	.....	10	5	31	26
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paint and varnish.....	1909	6	67	3	29	35	158	205	33	30	358	494	136
	1904	3	22	3	9	10	.....	116	8	9	81	120	39
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.

<sup>2</sup> Figures can not be shown without disclosing individual operations.

<sup>3</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	Num-ber of estab-lish-ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Expressed in thousands.					Value added by manu-facture.
			Total.	Pro-rietors and firm mem-bers.	Salaried employ-ees.	Wage earners (average num-ber).		Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	
<b>LOS ANGELES—Continued.</b>													
Patent medicines and compounds and druggists' preparations.	1909	35	144	26	27	91	62	\$140	\$26	\$43	\$140	\$337	\$197
	1904	125	77	15	23	39		68	17	16	56	153	97
	1899	21	97	27	17	53		79	12	25	54	154	100
Petroleum, refining.	1909	10	133		33	100	430	1,312	66	82	1,132	1,406	271
	1904	6	82		23	59		529	34	49	321	461	140
	1899	5											
Pottery, terra-cotta, and fire-clay products.	1909	8	122	7	17	98	315	536	26	61	86	235	149
	1904	9	174	4	29	150		940	24	99	128	352	224
	1899	7	72	6	9	57		295	11	32	48	105	57
Printing and publishing.	1909	234	2,545	196	812	1,537	1,220	3,036	879	1,188	1,619	5,192	3,373
	1904	154	2,061	136	743	838		2,272	591	905	950	3,508	2,358
	1899	93			114			1,025	116	286	329	1,353	1,067
Slaughtering and meat packing.	1909	6	605	3	95	507	747	3,569	148	324	5,945	7,464	1,518
	1904	4	407	3	51	353		1,052	69	231	3,668	4,640	372
	1899												
Surgical appliances and artificial limbs.	1909	6	31	4	6	21	8	18	6	14	15	49	34
	1904	3	37	4	11	22		61	7	13	14	46	32
	1899	3				7		4		4	2	14	12
Tobacco manufactures.	1909	33	225	38	11	170		174	20	91	134	344	210
	1904	32	146	35	8	105		54	9	69	82	298	128
	1899	13	49	13	1	35		24	1	22	18	59	41
All other industries.	1909	246	4,280	214	753	3,313	8,088	18,983	766	2,485	4,965	10,980	6,015
	1904	149	1,593	118	304	1,171		7,090	306	734	1,850	4,268	2,418
	1899	136			291	1,031		3,588	183	518	2,384	4,339	1,955
<b>OKLAND—All industries.</b>													
	1899	441	8,538	584	1,079	6,995	13,683	\$19,112	\$1,300	\$5,317	\$11,847	\$22,343	\$10,498
	1904	4,398	23,380	237	390	23,216		408	2,082	4,377	8,015	20,418	12,018
	1899	155			264	2,476		5,173	246	1,210	2,704	5,368	2,684
Bread and other bakery products.	1909	577	447	69	66	312	203	599	54	254	835	1,420	585
	1904	36	238	29	23	176		146	11	139	368	668	300
	1899	32	191	39	16	136		111	8	78	197	362	165
Butter, cheese, and condensed milk.	1909	4	73	1	19	53	56	166	28	36	637	742	105
	1904	7	36	5	8	23		51	8	18	272	334	62
	1899	4	8			4		4		4	52	10	10
Canning and preserving.	1909	9	469	11	33	425	166	974	44	173	674	1,040	366
	1904	5	35	7	6	22		53	8	8	63	147	24
	1899	3	14	6	1	7		8	1	2	10	18	8
Carriages and wagons and materials.	1909	10	65	10	10	45	191	110	9	36	68	168	100
	1904	10	49	11		38		71		27	41	101	60
	1899	10				45		71		27	26	86	60
Confectionery.	1909	6	127	6	49	72	8	146	33	36	107	222	115
	1904	7	142	10	15	117		80	13	48	103	214	111
	1899												
Copper, tin, and sheet-iron products.	1909	12	85	19	11	55	52	98	14	52	81	180	99
	1904	4	70	5	5	60		102	7	62	107	240	133
	1899	3				14		19		12	10	28	18
Flour-mill and gristmill products.	1909	3	52		16	36	228	326	20	39	613	691	78
	1904	4	47	1	9	37		293	12	30	376	429	53
	1899	3	36					70	2	14	61	108	61
Food preparations.	1909	6	53	8	17	28	41	70	18	19	133	214	81
	1904	5	11	7		4		3		2	13	25	12
	1899												
Foundry and machine-shop products.	1909	44	891	39	105	747	993	2,358	132	681	666	1,824	1,158
	1904	13	265	9	20	236		449	26	148	160	417	257
	1899	16			28	271		491	31	148	248	515	287
Liquors, malt.	1909	4	95	1	16	78	652	734	36	84	158	608	510
	1904	3	27	1	3	23		67	3	23	40	170	120
	1899	3	26	3	6	17		133	8	17	36	133	97
Lumber and timber products.	1909	31	914	21	85	808	3,421	1,716	126	702	1,988	2,183	985
	1904	121	700	19	57	624		1,217	69	441	787	1,537	750
	1899	13	362	19	30	342		1,561	25	195	424	733	309
Pottery, terra-cotta, and fire-clay products.	1909	3	45	2	6	37	210	172	9	27	17	66	49
	1904	3	63	3	6	54		111	6	34	19	98	79
	1899												
Printing and publishing.	1909	70	612	65	216	331	540	1,120	229	357	255	1,292	1,037
	1904	39	377	33	82	262		395	63	174	116	580	464
	1899	20	367	26	67	274		893	51	128	117	550	433
Tobacco manufactures.	1909	27	183	78	4	101	2	26	7	50	74	183	109
	1904	17	58	18	1	39		39	2	23	51	101	56
	1899	12	29	13		16		19		9	13	40	27
All other industries.	1909	155	4,427	224	426	3,777	6,929	10,438	542	2,771	6,331	11,450	5,119
	1904	74	1,862	69	155	1,638		5,418	183	888	1,811	4,034	2,223
	1899	70			122	1,319		3,686	129	598	1,437	2,643	1,206

1 Excluding statistics for two establishments, to avoid disclosure of individual operations.

2 Figures not to be shown without disclosing individual operations.

3 Excluding statistics for one establishment, to avoid disclosure of individual operations.

4 Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

STATISTICS OF MANUFACTURES.

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TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
		Number of establishments.	Total.	Proprietors and firm members.	Salaried employ-ees.	Wage earners (average number).							
<b>SAN FRANCISCO—All industries.</b>	1899 1,786 1904 2,231 1899 1,748	36,910 46,663 36,910	2,544 3,947 3,413	6,122 5,197 32,855	28,244 38,436 32,855	49,934	\$133,824 192,362 69,643	\$8,986 5,539 3,929	\$22,381 25,015 17,259	\$76,217 75,948 68,636	\$133,041 137,438 107,024	\$56,824 61,848 41,489	
Artificial stone.....	1909 10 1904 7 1899 5	89 31 5	12 6 1	9 1 2	68 24 2	26	78 12 9	9 1 23	61 12 41	60 12 41	151 107 29	151 107 29	
Baskets, and rattan and willow ware.....	1909 7 1904 7 1899 8	129 40 162	7 5 6	5 1 2	117 31 93	23	107 11 81	11 1 3	49 13 27	118 22 70	211 137 146	93 15 70	
Belting and hose, leather.....	1909 5 1904 5 1899 5	52 63 5	1 4 12	18 20 12	33 36 40	37	173 196 181	26 23 11	25 23 28	182 121 182	291 234 288	109 113 106	
Boots and shoes, including cut stock and findings.	1909 8 1904 15 1899 26	425 643 987	73 54 79	31 41 48	321 548 860	131	672 1,002 1,181	36 41 46	204 313 403	553 701 949	1,288 1,288 1,627	423 678 557	
Boxes, fancy and paper.....	1909 10 1904 12 1899 8	321 393 238	6 13 12	34 27 283	281 336 283	225	311 372 182	41 29 10	141 127 79	221 210 114	496 505 274	275 288 160	
Brass and bronze products.....	1909 13 1904 15 1899 11	154 384 364	13 14 13	20 46 24	121 324 227	131	183 725 743	22 65 32	116 223 210	164 806 384	356 806 284	192 531 383	
Bread and other bakery products.....	1909 167 1904 184 1899 137	1,665 1,722 1,048	263 233 161	199 123 90	1,203 1,306 797	786	3,513 1,688 976	238 100 60	1,003 982 2,601	5,268 4,882 2,601	5,268 4,882 2,601	2,384 2,334 1,985	
Brooms and brushes.....	1909 9 1904 11 1899 15	138 139 159	45 43 19	8 8 14	85 88 144	18	85 82 113	4 2 15	46 17 10	129 109 255	206 169 133	77 83 133	
Butter, cheese, and condensed milk.....	1909 3 1904 7 1899 5	8 29 18	3 3 10	3 3 10	5 7 10	4	11 79 31	3 4 6	35 33 53	47 396 67	12 35 14	12 35 14	
Canning and preserving.....	1909 17 1904 13 1899 34	1,011 1,735 34	7 33 86	101 109 1,660	903 1,598 1,660	666	3,348 2,719 1,080	171 177 108	382 554 489	3,482 4,688 2,377	4,776 4,702 3,513	1,294 1,136 1,136	
Carriages and wagons and materials.....	1909 37 1904 63 1899 47	311 502 47	43 74 21	33 23 351	237 405 351	248	327 782 574	26 29 179	204 304 263	191 912 673	552 912 673	361 593 410	
Chemicals.....	1909 4 1904 6 1899 10	139 150 188	7 10 7	19 21 37	120 126 144	720	1,426 875 890	24 27 41	93 86 96	628 547 653	938 704 855	310 310 302	
Clothing, men's, including shirts.....	1909 80 1904 84 1899 91	1,905 2,831 2,831	251 271 72	132 122 2,604	1,022 2,438 2,604	335	1,637 1,406 1,158	129 115 72	727 1,028 853	2,106 2,539 2,371	3,682 4,804 4,138	1,576 2,274 1,767	
Clothing, women's.....	1909 41 1904 48 1899 49	835 1,191 1,464	109 112 262	66 57 46	570 922 1,256	83	647 518 659	48 52 48	578 393 420	1,235 1,633 923	1,235 1,633 923	578 823 823	
Coffee and spice, roasting and grinding.....	1909 19 1904 25 1899 22	492 532 412	13 21 22	284 236 188	225 275 231	775	2,424 1,941 1,438	327 425 294	153 2,759 1,840	3,549 2,759 2,059	4,973 3,980 2,702	1,424 1,424 1,424	
Coffins, burial cases, and undertakers' goods.....	1909 4 1904 5 1899 4	78 68 66	2 1 6	15 6 9	61 61 55	151	452 182 205	16 9 14	39 34 172	272 106 250	272 106 250	130 106 87	
Confectionery.....	1909 27 1904 37 1899 14	689 761 370	36 43 23	114 133 12	539 585 362	299	1,151 850 424	138 115 61	249 776 99	930 1,778 448	1,718 1,002 845	788 1,002 397	
Cooperage and wooden goods, not elsewhere specified.	1909 11 1904 15 1899 23	321 416 370	8 11 23	31 28 12	262 374 388	861	1,197 671 378	53 41 14	220 287 217	1,194 1,349 823	1,694 1,349 377	410 458 377	
Copper, tin, and sheet-iron products.....	1909 70 1904 50 1899 27	1,338 1,614 370	130 63 63	138 1,466 1,420	1,068 1,466 1,420	681	5,191 8,924 2,170	202 193 66	947 901 715	1,872 2,641 2,987	3,645 4,529 4,399	1,773 1,888 1,412	
Electrical machinery, apparatus, and supplies.	1909 10 1904 13 1899 2	160 294 212	7 2 2	24 59 17	129 233 193	114	163 302 116	30 59 16	77 134 90	143 420 274	322 420 271	271 471 182	
Electroplating.....	1909 5 1904 4 1899 4	42 38 38	5 1 3	10 3 30	37 30 219	59	34 18 312	7 3 21	24 25 107	23 18 409	70 81 747	47 81 338	
Flour-mill and gristmill products.....	1909 9 1904 9 1899 8	312 374 312	6 6 35	59 97 171	1,225 1,211 370	900	1,532 2,409 898	84 150 55	89 153 107	2,403 2,780 1,554	2,781 3,423 1,956	1,378 643 422	
Food preparations.....	1909 31 1904 38 1899 28	409 379 65	61 53 23	108 261 219	330 370 900	900	1,956 2,619 312	129 47 21	192 114 107	1,679 1,909 409	2,436 2,929 747	757 862 338	

1 Not reported separately.

2 Excluding statistics for one establishment, to avoid disclosure of individual operations.

3 Excluding statistics for two establishments, to avoid disclosure of individual operations.

4 Figures can not be shown without disclosing individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
		Total.	Proprietors and firm members.	Salaries employ-ees.	Wage earners (average number).								
Expressed in thousands.													
<b>SAN FRANCISCO—Continued.</b>													
Foundry and machine-shop products.....	1909	157	3,456	129	504	2,823	6,714	\$10,849	\$735	\$2,690	\$4,901	\$9,622	\$4,721
	1904	172	4,522	153	514	3,885	.....	10,638	731	2,919	4,273	10,225	6,262
	1899	150	.....	.....	360	3,509	.....	5,616	444	2,524	4,197	9,137	5,030
Furnishing goods, men's.....	1909	3	109	4	28	77	3	242	21	43	368	564	196
	1904	4	85	6	9	71	.....	45	45	7	31	144	87
	1899	14	.....	.....	53	578	.....	271	38	129	361	656	268
Furniture and refrigerators.....	1909	51	1,223	51	124	1,048	1,237	2,180	142	1,017	1,536	3,057	1,721
	1904	45	890	40	62	788	.....	1,834	68	616	743	1,836	1,063
	1899	22	555	26	33	496	.....	348	33	270	396	880	484
Gas and electric fixtures and lamps and reflectors.....	1909	15	426	7	100	321	271	1,129	114	257	430	917	487
	1904	18	265	7	48	231	.....	359	46	169	177	461	284
	1899	5	190	3	38	149	.....	361	45	86	127	330	253
Gloves and mittens, leather.....	1909	9	165	10	27	128	16	324	19	79	148	301	153
	1904	15	356	16	28	312	.....	399	26	148	305	613	308
	1899	15	469	19	50	400	.....	298	40	158	319	664	345
Hand stamps and stencils and brands.....	1909	7	94	8	32	54	55	110	37	52	44	161	117
	1904	8	46	9	7	30	.....	35	6	21	18	90	72
	1899	12	60	10	9	41	.....	48	9	24	24	80	56
Ice, manufactured.....	1909	3	80	.....	13	67	1,485	1,659	23	99	73	302	229
	1904	4	93	.....	9	84	.....	816	11	76	68	278	210
	1899	3	80	.....	30	50	.....	510	28	40	44	134	90
Jewelry.....	1909	24	587	125	32	430	248	221	37	367	502	1,121	619
	1904	36	510	113	24	373	.....	260	30	319	630	1,264	634
	1899	18	.....	.....	14	214	.....	141	15	153	370	631	261
Leather goods.....	1909	20	337	17	50	290	165	725	55	204	348	843	495
	1904	14	347	38	41	418	.....	1,264	47	272	535	1,103	568
	1899	30	.....	.....	59	468	.....	599	53	366	645	1,383	538
Leather, tanned, curried, and finished.....	1909	17	619	15	46	558	1,260	2,479	89	415	2,655	3,622	967
	1904	20	667	20	42	595	.....	1,788	70	317	1,910	3,118	868
	1899	21	624	29	25	570	.....	1,232	37	365	2,219	2,795	576
Liquors, malt.....	1909	20	551	6	108	437	1,701	7,567	220	508	895	3,482	2,587
	1904	22	633	13	106	574	.....	4,946	180	594	1,147	4,106	2,859
	1899	25	580	23	64	443	.....	4,722	128	598	710	2,872	2,162
Liquors, vinous.....	1909	4	36	5	10	21	31	138	18	14	135	237	102
	1904	5	17	.....	.....	8	.....	23	4	4	15	34	39
	1899	6	13	8	.....	.....	.....	20	1	2	12	27	15
Lumber and timber products.....	1909	68	1,687	47	181	1,439	6,435	2,833	275	1,247	2,123	4,378	2,245
	1904	152	1,584	45	119	1,420	.....	1,787	155	1,105	2,005	3,980	1,975
	1899	133	1,001	31	74	896	.....	920	86	555	1,126	2,157	1,061
Marble and stone work.....	1909	18	598	16	94	488	1,227	1,221	133	413	797	1,635	838
	1904	18	628	18	49	561	.....	1,265	62	524	778	1,665	887
	1899	14	.....	.....	17	155	.....	537	21	98	259	452	223
Mattresses and spring beds.....	1909	12	320	6	58	256	365	783	78	173	576	1,036	460
	1904	16	386	.....	44	329	.....	460	52	179	294	686	362
	1899	4	.....	.....	16	80	.....	98	20	189	300	120	120
Millinery and lace goods.....	1909	12	140	12	22	106	97	212	21	61	148	299	121
	1904	11	193	9	11	173	.....	92	8	63	96	223	127
	1899	8	117	8	7	102	.....	31	6	30	33	103	70
Models and patterns, not including paper patterns.....	1909	14	101	20	6	75	131	58	3	66	45	153	45
	1904	13	103	17	8	75	.....	80	8	60	45	139	111
	1899	8	64	10	.....	64	.....	31	.....	31	16	76	60
Musical instruments, pianos and organs and materials.....	1909	7	27	8	4	15	6	60	3	15	14	54	40
	1904	9	33	8	4	21	.....	79	4	18	19	53	34
	1899	4	.....	.....	.....	18	.....	40	.....	14	11	47	36
Paint and varnish.....	1909	13	142	8	49	85	352	729	57	60	456	797	302
	1904	13	355	8	77	270	.....	1,365	75	184	1,564	2,198	632
	1899	9	.....	.....	31	36	.....	284	34	36	308	458	140
Patent medicines and compounds and druggists' preparations.....	1909	28	330	11	151	168	131	1,365	154	82	380	910	705
	1904	47	429	32	104	284	.....	728	133	148	435	1,170	629
	1899	26	.....	.....	77	279	.....	629	70	131	600	1,346	656
Photo-engraving.....	1909	9	140	4	41	95	41	108	38	105	34	228	194
	1904	16	162	18	26	118	.....	101	26	103	50	265	217
	1899	8	80	8	8	64	.....	16	10	30	9	75	65
Printing and publishing.....	1909	307	5,190	260	1,888	3,332	3,366	7,101	1,893	3,094	3,156	12,201	9,045
	1904	301	4,898	318	977	3,609	.....	3,548	1,237	2,183	2,548	10,847	8,158
	1899	250	.....	.....	654	2,688	.....	3,364	676	1,827	1,769	6,334	4,565

¹ Excluding statistics for two establishments, to avoid disclosure of individual operations.

² Excluding statistics for one establishment, to avoid disclosure of individual operations.

STATISTICS OF MANUFACTURES.

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TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY AND CITY.	Census.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
		Number of establishments.	Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
<b>SAN FRANCISCO—Continued.</b>													
Show cases.....	1909	4	27	5	3	19	23	\$34	\$3	\$21	\$28	\$63	\$35
	1904	4	16	6		10		15		10	12	36	24
	1899	3	23	4		19		8		11	10	32	22
Slaughtering and meat packing.....	1909	31	471	47	83	341	1,083	2,056	135	337	8,904	10,270	1,366
	1904	44	464	58	90	316		1,278	111	272	7,688	9,209	1,521
	1899	30			80	269		1,385	112	211	6,715	7,590	875
Tobacco manufactures.....	1909	91	1,111	286	75	750	69	855	85	424	614	1,833	1,219
	1904	172	1,758	459	46	1,283		777	45	481	652	2,028	1,376
	1899	105	1,222	208	37	977		504	49	350	542	1,366	834
All other industries.....	1909	284	7,980	246	1,267	6,467	14,904	62,926	1,795	5,168	23,881	37,949	14,268
	1904	410	12,723	410	1,449	10,864		41,110	1,872	7,373	27,319	44,199	16,880
	1899	368			818	8,484		33,619	1,051	4,936	25,943	37,621	11,678

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

Alameda.....	1909	51	1,076	50	111	915	1,536	\$3,002	\$171	\$797	\$929	\$2,554	\$1,625
	1904	30	326	32	15	279		541	20	241	233	697	464
	1899	23			23	372		749	43	216	788	1,335	547
Bakersfield.....	1909	27	844	20	78	746	910	1,791	94	664	1,700	2,819	1,119
	1904												
	1899												
Berkeley.....	1909	84	1,420	115	221	1,084	2,433	3,465	254	840	2,657	4,435	1,748
	1904	44	453	28	87	338		1,429	86	230	782	1,474	692
	1899	22			19	211		456	14	99	392	651	259
Eureka.....	1909	48	1,075	30	99	946	3,901	3,306	124	673	1,494	3,012	1,518
	1904												
	1899												
Fresno.....	1909	76	2,262	43	281	1,938	3,403	4,933	328	1,103	7,992	11,090	3,098
	1904	89	2,169	51	203	1,913		3,420	261	1,052	6,828	9,274	2,926
	1899	62			87	819		1,435	86	396	1,703	2,732	1,049
Long Beach.....	1909	51	413	49	87	277	1,450	1,326	87	207	498	927	429
	1904												
	1899												
Pasadena.....	1909	88	708	92	117	499	969	1,347	118	380	853	1,724	871
	1904	46	451	49	84	318		766	89	229	421	967	546
	1899	28			22	177		513	15	77	127	331	204
Pomona.....	1909	30	285	32	29	224	334	630	22	152	230	560	330
	1904												
	1899												
Redlands.....	1909	37	260	36	77	147	439	1,104	47	100	239	518	279
	1904												
	1899												
Riverside.....	1909	53	399	56	76	267	700	1,102	50	214	667	1,178	511
	1904												
	1899												
Sacramento.....	1909	211	5,266	219	533	4,514	8,517	10,097	616	3,918	6,893	13,977	7,084
	1904	156	4,742	164	375	4,203		7,359	419	2,952	5,144	10,073	4,929
	1899	111			170	3,686		6,856	202	2,519	5,345	9,495	4,150
San Bernardino.....	1909	41	883	38	116	729	1,411	1,242	94	639	763	1,660	897
	1904												
	1899												
San Diego.....	1909	117	1,440	89	270	1,071	3,229	5,226	263	896	2,667	4,741	2,074
	1904	89	703	97	65	541		1,991	60	392	1,136	1,974	838
	1899	57			43	255		990	42	148	281	670	389
San Jose.....	1909	153	1,828	134	264	1,430	2,078	3,815	249	903	3,243	5,610	2,367
	1904	153	1,625	145	201	1,269		3,083	190	682	2,512	4,298	1,786
	1899	124			189	1,221		2,980	146	567	1,820	3,292	1,542
Santa Barbara.....	1909	51	382	43	74	265	491	895	63	197	696	1,169	473
	1904												
	1899												
Santa Cruz.....	1909	34	388	31	83	274	1,827	2,605	77	211	668	1,161	493
	1904												
	1899												
Stockton.....	1909	144	2,039	141	304	1,594	5,016	8,259	376	1,306	8,320	11,849	3,529
	1904	110	1,582	105	144	1,233		5,229	165	994	5,850	8,029	2,179
	1899	91	1,183	137	137	1,183		4,454	131	860	3,880	5,026	1,538
Vallejo.....	1909	23	271	22	46	203	1,616	1,559	73	184	1,494	1,896	492
	1904												
	1899												

1 Excluding statistics for two establishments, to avoid disclosure of individual operations.

2 Figures not available.

3 Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

TABLE II.—DETAIL STATEMENT FOR

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Primary horse-power.
		Total.	Proprietors and firm members.	Salaried officers, superintendents and managers.	Clerks.		Wage earners.				Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number.		Male.		Female.	Male.	Female.			
								Maximum month.	Minimum month.								
1 All industries.....	7,639	141,576	8,077	5,963	9,672	2,968	115,296	Se	132,280	Fe	94,262	(1)	(1)	(1)	(1)	(1)	329,100
2 Agricultural implements.....	25	749	19	24	66	18	622	Ap	702	Ja	513	668	668				1,186
3 Artificial stone.....	66	434	71	31	8	4	230	De	347	Ja	278	363	361		3		247
4 Automobiles, including bodies and parts.....	41	589	50	27	21	13	473	Jy	334	Ja	418	471	451	17	3		305
5 Babbitt metal and solder.....	5	81		11	11	7	52	My	59	Ja	48	52	52				91
6 Baskets, and rattan and willow ware.....	14	242	11	7	3	2	219	My	297	Aug	171	203	63	140			104
7 Belting and hose, leather.....	5	52	1	8	8	2	33	Je	35	Ja	31	32	31		1		37
8 Bicycles, motorcycles, and parts.....	5	19	9	1	1	1	11	No	13	Ja	10	13	12	1			12
9 Blacking and cleansing and polishing preparations.....	9	40	5	6			21	De	27	Ja	18	27	18				36
10 Boots and shoes, including cut stock and findings.....	18	840	76	18	37	14	695	No	754	Jy	542	791	547	199	38	7	369
11 Boxes, clear.....	3	57	3	2	1	1	49	O	52	Jy	45	52	29	22			29
12 Boxes, fancy and paper.....	19	703	10	27	28	14	624	No	707	Ja	532	692	217	437	5	33	405
13 Brass and bronze products.....	29	259	28	20	13	3	195	De	203	Ap	184	206	202	1	3		261
14 Bread and other bakery products.....	45	5,901	1,077	303	288	4,018	3,903	O	4,154	Ja	3,903	4,339	3,603	815	22	18	2,117
15 Brick and tile.....	78	1,979	35	83	46	10	1,703	Jy	2,223	Fe	941	1,601	1,778	1	22		8,072
16 Brooms.....	16	219	54	4	5	1	155	Ja	164	Se	147	161	160	1			52
17 Brushes.....	8	22	9	1		1	11	No	17	Jy	9	17	16	1			14
18 Butter, cheese, and condensed milk.....	161	918	119	90	70	42	597	My	632	Ja	525	633	596	39			2,496
19 Buttons.....	7	21	8				13	Ap	15	Fe	11	13	4	8	1		14
20 Canning and preserving.....	196	8,714	148	285	382	142	7,757	Aug	16,047	Fe	2,781	15,634	6,281	8,472	117	214	7,453
21 Carpets, rug.....	17	109	25	3	2	2	76	O	87	Ja	64	92	79	13			87
22 Carriages and wagons and materials.....	153	1,015	188	42	32	16	769	Je	824	Ja	677	741	733		3		837
23 Cars and general shop construction and repairs by steam-railroad companies.....	42	9,688		70	271	5	9,342	O	10,667	Fe	7,623	9,659	9,657		2		7,877
24 Cars and general shop construction and repairs by street-railroad companies.....	21	2,002		35	59	6	1,902	Jy	1,985	Ja	1,835	1,911	1,911				2,055
25 Cars, steam-railroad, not including operations of railroad companies.....	5	165		8	10	1	146	Je	172	Aug	124	140	139				493
26 Cement.....	8	2,521		24	83	7	2,407	No	2,843	Ja	1,481	2,841	2,837		4		26,892
27 Chemicals.....	13	294		22	19	7	244	No	301	Mar	195	260	250	10			1,308
28 Clothing, men's, including shirts.....	74	2,859	272	51	111	40	2,385	Mar	2,455	Ja	2,268	2,493	418	1,981	1	3	540
29 Clothing, women's.....	7	218		11	25	4	79	My	101	Ja	68	86	86				106
30 Coffee and spice, roasting and grinding.....	44	707	27	51	226	51	352	No	373	Fe	339	374	235	137	1	1	1,123
31 Coffins, burial cases, and undertakers' goods.....	7	133	2	10	15	4	102	Ap	107	Jy	96	104	74	29	1		221
32 Confectionery.....	89	1,410	162	60	116	130	1,002	De	1,269	Ja	850	1,285	475	785	9	16	1,032
33 Cooperage and wooden goods, not elsewhere specified.....	33	88	602	40	11	15	416	O	406	Fe	336	492	498	2	1		1,182
34 Copper, tin, and sheet-iron products.....	233	2,511	317	111	100	45	1,938	Jy	2,129	Ja	1,712	2,054	1,939	107	8		1,967
35 Cutlery and tools, not elsewhere specified.....	16	58	15	1			42	No	52	Fe	35	51	49		2		71
36 Dairymen's, putters', and spicers' supplies.....	11	113	10	14	15	11	63	Mar	87	Se	42	87	84	3			76
37 Electrical machinery, apparatus, and supplies.....	27	540	11	32	37	25	435	No	487	Se	407	489	366	121	2		442
38 Electroplating.....	12	66	14	6	5		41	De	45	My	37	45	45				86
39 Fancy articles, not elsewhere specified.....	13	54	17	2	3	1	30	My	33	Jy	23	36	21	3	1		56
40 Fertilizers.....	10	278	1	19	28	4	226	Mar	269	Aug	263	220	229				1,579
41 Firearms and ammunition.....	5	192		19	14	3	156	Je	168	Fe	144	161	120	41			327
42 Flags, banners, regalia, society badges and emblems.....	6	54	3	15	4	2	40	Jy	44	Ja	35	45	26	16	1		22
43 Flour-mill and gristmill products.....	125	1,392	82	125	203	34	948	No	1,069	Ap	889	1,087	1,054	23			11,545
44 Food preparations.....	129	1,108	171	85	107	29	716	No	804	Ap	664	977	604	310	3		1,969
45 Foundry and machine-shop products.....	543	10,218	470	536	652	183	8,377	De	8,723	Ja	7,517	8,875	8,817	16	42		17,253
46 Fur goods.....	8	105	7	3	5	6	84	No	114	My	57	112	41	71			12
47 Furnishing goods, men's.....	11	187	14	4	22	13	134	De	161	Ja	117	163	26	132	1	4	16
48 Furniture, except refrigerators.....	129	1,978	124	110	21	1,653	Mar	1,790	Jy	1,338	1,759	1,717	36	5	1		2,337
49 Gas and electric fixtures and lamps and reflectors.....	41	785	31	59	102	40	553	De	665	Ap	455	665	626	15	22	2	140
50 Gas, illuminating and heating.....	74	2,538	1	169	612	90	1,666	No	1,786	My	1,593	1,783	1,783				7,002
51 Gloves and mittens, leather.....	23	717	21	29	64	33	570	De	644	Ja	501	652	256	386	6	4	58
52 Hand stamps and stencils and brands.....	18	132	15	13	3	4	84	My	90	Ja	73	80	81				74
53 Hats and caps, other than felt, straw, and wool.....	6	60	11	2	3	1	43	My	48	Ja	35	42	26	15			1
54 Hosiery and knit goods.....	6	316	2	11	26	9	268	Aug	289	My	248	284	40	242		2	44
55 Ice, manufactured.....	77	854	35	79	60	14	666	Jy	807	Fe	524	645	635	1	9		9,771
56 Iron and steel, steel works and rolling mills.....	5	1,085		15	28	4	1,038	No	1,175	Jy	716	1,176	1,173	3			3,945
57 Jewelry.....	58	797	165	22	25	11	574	De	655	Jy	526	656	600	35	10	2	324
58 Lapidary work.....	14	103	14	8	0	5	67	Ja	94	Aug	54	62	54	6	2		83
59 Leather goods.....	88	946	79	50	89	18	710	No	772	Mar	638	775	635	129	10	1	321
60 Leather, tanned, curried, and finished.....	40	1,547	20	70	42	17	1,398	Se	1,457	My	1,302	1,441	1,457		4		3,534
61 Lims.....	15	439	12	14	17	6	410	Ap	475	De	303	319	319				858
62 Liquors, distilled.....	33	1,964	20	21	18	4	183	O	272	My	130	305	264	46	5		1,969
63 Liquors, malt.....	83	1,626	48	122	138	22	1,296	Jy	1,373	Fe	1,215	1,309	1,300				5,816
64 Liquors, vinous.....	181	1,691	157	129	80	38	1,287	O	2,968	Je	783	1,721	1,701	20			8,967
65 Lumber and timber products.....	644	25,079	947	647	739	151	22,835	Jy	28,086	Ja	14,401	24,795	24,588	148	69		94,014

1 No figures given for reasons explained in the Introduction.

STATISTICS OF MANUFACTURES.

THE STATE OF NEW YORK BY INDUSTRIES: 1909.

Capital.	EXPENSES.										Value of products.	Value added by manufacture.	
	Total.	Services.		Materials.			Miscellaneous.						
		Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Oil.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.			
1	\$87,134,359	\$476,154,294	\$11,166,478	\$11,788,939	\$94,141,477	\$13,077,882	\$312,163,192	\$3,631,151	\$8,121,203	\$2,195,153	\$29,851,779	\$829,760,528	\$204,522,454
2	2,359,158	2,245,031	58,400	64,688	451,083	21,830	1,490,348	870	17,508	3,703	207,511	2,669,651	1,228,473
3	447,325	352,973	31,381	4,252	238,178	2,745	216,768	216	1,099	.....	67,729	645,246	453,730
4	760,812	1,247,886	41,647	29,671	368,308	10,070	685,658	35,637	5,310	9,520	1,479,169	770,441	.....
5	547,022	1,045,329	45,559	21,547	39,773	9,451	837,408	11,462	1,537	.....	75,596	1,120,293	273,434
6	241,702	317,844	13,131	4,158	94,720	2,156	178,188	7,908	1,445	.....	15,977	357,875	17,601
7	172,973	253,045	15,000	10,785	26,392	2,916	179,334	4,920	658	.....	13,640	291,449	109,190
8	22,797	23,379	1,323	663	9,208	463	9,513	2,015	95	143	1,654	21,827	21,291
9	26,834	57,124	5,603	6,160	11,916	586	21,125	3,844	809	.....	7,779	90,820	69,109
10	1,102,217	1,718,523	42,450	46,991	402,488	12,422	1,107,402	18,000	3,788	.....	55,082	1,924,778	804,454
11	42,843	81,200	5,400	2,040	20,300	900	46,646	1,440	481	.....	4,083	84,653	37,107
12	790,934	905,560	47,310	39,121	271,430	8,675	433,158	30,863	2,218	1,369	69,426	904,983	523,150
13	335,386	584,362	32,301	10,121	181,242	22,033	273,754	17,382	1,039	100	16,722	673,154	338,229
14	8,055,919	15,381,414	272,597	390,826	3,074,832	325,288	10,054,077	364,498	42,043	185	858,998	17,709,633	7,332,568
15	9,168,824	2,601,355	124,739	37,249	1,145,664	667,368	284,451	29,179	23,803	21,040	208,222	2,756,308	1,804,489
16	211,750	345,822	2,930	2,388	84,133	1,801	229,572	3,532	824	26	17,907	388,117	157,444
17	20,555	29,330	900	360	5,490	251	17,321	1,285	129	72	1,332	35,508	17,736
18	2,829,359	12,108,671	113,735	88,040	466,252	93,542	11,049,188	40,123	12,268	23,621	215,022	12,760,670	1,629,370
19	11,969	15,660	156	103	5,484	15	7,174	2,972	100	.....	1,065	20,001	20,611
20	18,316,474	31,000,217	593,052	457,331	3,433,555	251,413	23,757,899	85,565	70,857	59,247	2,244,368	32,914,829	8,905,666
21	85,996	70,106	5,490	3,692	46,772	1,601	6,670	2,866	228	.....	5,377	79,049	79,049
22	1,635,359	1,681,714	57,312	16,392	609,720	45,038	803,433	61,348	9,008	.....	11,363	1,803,307	1,203,307
23	4,720,924	18,718,805	129,257	249,487	8,393,722	264,391	9,285,026	350	29,890	2,714	363,968	18,718,805	9,169,388
24	2,138,838	3,009,473	50,871	46,553	1,675,985	32,830	1,119,003	900	10,970	200	63,196	3,009,473	1,857,635
25	145,408	269,921	12,540	8,382	97,742	5,233	130,184	2,400	917	.....	12,523	299,967	164,850
26	24,013,715	4,408,806	89,453	106,021	1,649,738	1,511,850	670,021	120	29,843	6,974	344,776	6,504,127	4,322,256
27	2,788,028	1,153,870	40,169	25,505	168,190	71,491	690,124	720	120	.....	146,837	3,106,373	1,548,788
28	2,257,539	4,515,183	118,330	105,008	1,035,008	1,342	2,875,183	9,051	112,136	.....	256,241	5,120,389	2,275,612
29	644,890	1,457,059	32,482	67,119	350,256	11,223	885,041	44,728	2,076	13,644	51,812	1,457,059	796,049
30	3,323,098	6,035,341	126,914	406,914	244,771	37,305	4,579,856	74,968	14,818	.....	150,532	6,402,091	3,187,305
31	736,204	390,900	15,291	17,148	67,134	3,953	237,399	4,800	3,999	4,170	37,067	436,826	165,474
32	2,122,501	3,245,299	106,654	164,210	459,254	50,146	2,088,307	93,918	9,668	50	272,997	3,624,015	1,455,596
33	1,546,578	2,076,259	41,804	25,478	323,357	8,693	1,570,518	13,548	6,925	2,224	83,712	2,167,222	588,011
34	7,179,573	6,003,265	201,696	117,460	1,658,737	46,165	3,518,691	91,985	25,022	4,964	338,515	6,808,791	3,238,905
35	81,892	72,321	375	.....	34,090	3,165	28,022	3,370	356	.....	2,943	99,647	62,460
36	226,615	380,600	21,408	16,999	45,450	2,300	255,068	3,284	973	.....	35,137	414,519	157,161
37	779,137	1,407,142	54,422	47,810	240,320	13,254	914,802	20,800	2,583	900	112,191	1,612,983	684,867
38	47,367	80,290	4,276	3,857	33,922	5,362	22,852	4,889	210	.....	4,822	97,322	69,308
39	68,740	2,711,680	17,448	14,880	17,448	7,794	11,085	812	944	.....	5,794	2,721,621	1,141,621
40	2,096,654	2,167,719	35,066	34,169	154,802	28,746	1,767,032	16,041	10,253	.....	118,628	2,312,555	516,777
41	2,168,856	1,350,874	37,214	14,899	83,409	14,899	1,152,036	.....	.....	.....	46,487	1,405,798	409,800
42	74,655	102,841	6,900	4,923	27,242	554	49,941	8,555	370	.....	4,250	122,019	71,524
43	13,423,522	23,747,093	253,919	259,678	731,700	179,419	21,712,532	13,835	65,157	7,714	523,139	25,188,133	3,296,182
44	3,332,479	4,988,665	119,344	107,973	495,925	55,356	3,914,942	46,435	10,730	10,814	317,116	5,508,097	1,537,790
45	28,693,493	24,487,555	1,028,734	805,496	1,371,782	600,997	12,299,914	281,159	113,849	216,253	1,831,430	29,790,911	3,180,800
46	91,932	221,205	5,625	6,090	74,890	1,857	116,146	13,625	515	.....	3,727	301,910	185,177
47	315,183	629,189	7,310	27,830	95,008	1,342	453,867	9,051	2,290	.....	57,229	721,251	293,102
48	3,061,691	3,958,800	133,890	91,737	1,507,077	50,145	1,807,966	119,840	10,010	34,430	203,759	4,406,067	2,637,556
49	1,742,854	1,532,221	102,226	130,216	446,350	21,797	727,964	28,029	6,281	.....	89,838	1,714,648	964,822
50	47,074,600	6,530,387	391,713	512,065	1,407,704	2,288,476	315,333	6,487	324,890	207	1,363,002	8,926,544	3,902,715
51	1,039,429	1,031,771	68,270	60,871	267,240	3,166	554,704	7,113	2,838	900	66,589	1,230,852	672,922
52	184,504	230,832	21,069	34,936	74,355	1,963	71,189	17,729	384	130	9,136	289,928	207,785
53	36,673	82,949	3,300	1,832	24,822	915	45,253	3,156	99	.....	3,572	103,403	57,325
54	515,170	436,259	30,720	32,703	112,261	1,919	197,813	5,443	903	.....	54,597	451,970	232,338
55	7,781,170	1,724,332	145,324	66,798	572,460	400,375	133,267	2,250	46,460	8,618	313,784	2,331,302	1,767,660
56	2,645,625	3,467,491	44,691	36,029	828,522	139,207	2,188,571	235	6,072	.....	204,174	3,519,824	1,172,046
57	402,280	1,345,503	37,700	27,175	477,003	12,282	651,299	47,536	1,416	1,660	89,492	1,556,839	893,818
58	249,020	262,717	13,858	8,475	54,152	3,031	165,783	8,266	787	.....	8,838	297,436	128,422
59	1,940,810	1,918,141	63,705	84,418	457,714	7,543	1,093,808	54,439	5,753	176	150,365	2,244,489	1,143,138
60	8,335,102	5,780,948	169,039	56,096	887,450	117,450	6,963,917	2,360	20,397	.....	1,651	9,145,874	3,365,846
61	1,386,970	533,556	29,000	25,809	233,565	113,848	98,200	667	7,585	95	45,092	695,145	397,102
62	2,476,095	4,990,241	33,872	22,463	128,243	63,985	2,794,942	34,889	2,796,362	788	145,095	5,352,611	4,577,254
63	18,904,333	7,613,093	337,142	208,305	1,390,880	264,052	2,294,329	15,790	1,278,531	.....	1,822,964	9,319,041	6,759,560
64	20,188,855	7,886,907	311,281	217,422	681,324	117,038	4,542,953	89,760	799,022	42,763	759,344	4,800,848	4,262,907
65	25,163,490	40,609,462	1,948,978	1,396,540	15,561,040	281,995	18,857,805	211,844	445,800	317,009	43,900,276	26,631,376	

\* Same number reported for one or more other months.

TABLE II.—DETAIL STATEMENT FOR THE

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNER—NUMBER PER 15, OR NEAREST REPRESENTATIVE DAY.				Primary horse-power.		
		Total.	Proprietors and firm members.		Salaried officers, and super-managers.		Clerks.		Average number.	Wage earners.		Total.	16 and over.		Under 16.			
			Male.	Female.	Male.	Female.	Maximum month.	Minimum month.		Male.	Female.		Male.	Female.				
															Number.			
1 Marble and stone work.....	128	1,724	155	65	75	14	1,415	Ja	1,501	No	1,344	1,442	1,440	.....	2	.....	3,562	
2 Mattresses and spring beds.....	35	671	23	45	45	28	528	No	588	Ap	495	589	517	62	9	.....	727	
3 Millinery and hosiery goods.....	23	227	24	13	16	8	196	De	214	Je	91	228	83	150	.....	1	119	
4 Mirrors.....	6	56	7	1	.....	2	46	Oc	47	Ja	43	45	45	.....	.....	.....	116	
5 Models and patterns, not including paper patterns.....	26	135	35	.....	5	1	93	No	100	Jy	87	93	74	13	6	.....	119	
6 Musical instruments and materials, not specified.....	5	14	0	.....	.....	.....	8	Ja	8	Jy	8	9	9	.....	.....	.....	53	
7 Musical instruments, pianos and organs and materials.....	11	78	9	8	2	2	57	Ja	74	Se	49	55	55	.....	.....	.....	14	
8 Optical goods.....	6	59	7	4	10	6	32	My	33	Ap	31	32	31	.....	1	.....	53	
9 Paint and varnish.....	35	530	14	54	51	15	396	Jy	440	Ja	357	378	353	21	4	.....	1,387	
10 Paper and wood pulp.....	4	340	2	10	11	5	312	Ja	330	Oc	285	330	324	6	.....	.....	347	
11 Paper goods, not elsewhere specified.....	8	127	3	10	6	7	101	No	112	Se	94	117	52	65	.....	.....	86	
12 Patent medicines and compounds and druggists' preparations.....	89	274	56	61	55	92	310	Mr	315	Je	304	329	159	169	6	4	.....	119
13 Petroleum, refining.....	26	1,196	4	66	119	27	930	No	974	Mh	862	948	947	1	.....	.....	5,630	
14 Photo-engraving.....	20	274	21	25	22	16	190	Fe	199	Jy	150	200	190	5	5	.....	119	
15 Pottery, terra-cotta, and fire-clay products.....	25	1,167	12	46	71	11	1,027	Aug	1,120	Ja	879	1,133	1,124	6	3	.....	2,856	
16 Printing and publishing.....	1,240	12,215	1,151	632	2,209	647	7,555	De	7,925	Ja	7,350	7,967	6,525	1,253	178	11	7,674	
17 Pumps, not including steam pumps.....	6	66	4	5	6	1	50	Se	56	Ja	47	48	48	.....	.....	.....	128	
18 Rubber goods, not elsewhere specified.....	4	103	9	15	6	7	74	Oc	88	De	61	61	62	19	.....	.....	209	
19 Salt.....	19	469	22	23	18	4	402	No	519	Fe	313	468	464	4	.....	.....	1,228	
20 Shipbuilding, including boat building.....	43	2,006	39	48	67	8	1,844	No	2,553	My	1,512	2,386	2,378	2	6	.....	3,129	
21 Show cases.....	11	66	15	2	1	1	47	Ja	56	Aug	39	54	54	.....	.....	.....	82	
22 Signs and advertising novelties.....	8	67	7	4	9	.....	47	De	56	Oc	44	55	54	2	.....	.....	24	
23 Silverware and plated ware.....	3	16	4	.....	.....	.....	11	Ja	11	Jy	11	11	11	.....	.....	.....	9	
24 Slaughtering and meat packing.....	94	2,135	111	105	249	29	1,641	De	1,709	Je	1,586	1,723	1,678	31	13	1	3,867	
25 Stereotyping and electrotyping.....	3	29	6	4	1	2	16	Se	17	Ja	15	16	16	.....	.....	.....	42	
26 Stoves and furnaces, including gas and oil stoves.....	17	266	11	11	25	4	215	No	248	Je	185	244	242	.....	2	.....	152	
27 Sulphuric, nitric, and mixed acids.....	6	247	.....	11	16	3	217	Fe	280	Aug	203	210	210	.....	.....	.....	75	
28 Surgical appliances and artificial limbs.....	13	62	12	4	4	.....	42	Ja	45	Aug	39	39	33	5	1	.....	236	
29 Tobacco manufactures.....	332	2,189	618	41	62	8	1,465	Mh	1,499	Aug	1,323	1,541	1,189	316	28	8	71	
30 Typefounding and printing materials.....	3	21	.....	4	4	1	12	De	14	Ja	10	13	11	1	.....	.....	21	
31 Umbrellas and canes.....	4	10	5	.....	.....	.....	5	De	6	Ja	5	6	2	4	.....	.....	2	
32 Wall plaster.....	7	78	1	11	10	2	54	Aug	63	Mh	36	68	68	.....	.....	.....	701	
33 Wails.....	3	13	3	.....	.....	.....	9	Ja	9	Jy	9	9	9	.....	.....	.....	11	
34 All other industries.....	554	12,282	551	506	1,080	306	9,839	.....	.....	.....	.....	.....	.....	.....	.....	.....	44,111	

1 Same number reported for one or more other months.

2 Same number reported throughout the year.

3 All other industries embrace—

Artificial flowers and feathers and plumes.....	2	Cordage and twine and jute and linen goods.....	2	Glue.....	3
Awnings, tents, and sails.....	27	Cordials and sirups.....	7	Gold and silver, leaf and foil.....	2
Axe grasses.....	1	Corsets.....	2	Gold and silver, reducing and refining, not from the ore.....	7
Bags, other than paper.....	7	Dyestuffs and extracts.....	2	Grease and tallow.....	7
Bacon, paper.....	2	Engraving and die-making.....	5	Hair work.....	12
Baking powders and yeast.....	9	Explosives.....	1	Hats and cap materials.....	1
Beet sugar.....	9	Files.....	1	Hats, fur-lined.....	2
Belted and hose, woven and rubber.....	1	Fireworks.....	1	House-furnishing goods, not elsewhere specified.....	2
Blind.....	1	Foundry supplies.....	2	Ink, printing.....	2
Candles.....	2	Fuel, manufactured.....	3	Ink, writing.....	1
Carrages and sleighs, children's.....	1	Galvanizing.....	2	Instruments, professional and scientific.....	8
Cash registers and calculating machines.....	1	Glass, cutting, staining, and ornamenting.....	28	Iron and steel, bolts, nuts, washers, and rivets, not made in steel works of rolling mills.....	1
Charcoal.....	1	Glass, cutting, staining, and ornamenting.....	28	Iron and steel forgings.....	3
Chocolate and cocoa products.....	1	Glucose and starch.....	1	.....	.....
Clocks and watches, including cases and materials.....	2	.....	.....	.....	.....

STATISTICS OF MANUFACTURES.

709

STATE, BY INDUSTRIES: 1909—Continued.

Capital.	EXPENSES.										Value of products.	Value added by manufacture.	
	Total.	Services.			Materials.			Miscellaneous.					
		Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.			
1	\$3,144,882	\$2,800,227	\$125,548	\$84,740	\$1,241,205	\$66,234	\$1,116,301	\$27,376	\$15,804	\$113,842	\$99,177	\$3,379,715	\$2,197,180
2	1,351,331	2,001,378	82,788	66,034	360,638	16,333	1,227,112	42,396	15,625	201,486	135	2,163,914	920,469
3	295,833	374,585	17,180	16,511	89,916	3,077	215,388	15,625	349	16,449		412,592	194,167
4	133,746	163,710	2,400	635	44,990	4,406	100,057	1,380	2,218	1,020	6,694	185,806	81,343
5	72,426	151,422		3,460	77,876	3,336	48,342	10,597	254	254	6,803	194,805	142,027
6	10,220	10,897			6,534	36	2,965	812			441	16,108	13,107
7	189,183	135,999	12,301	1,485	60,403	2,194	38,776	4,976	845		15,019	150,308	109,388
8	79,622	114,354	6,200	12,800	23,846	1,219	59,092	4,776	375		5,956	137,595	77,284
9	2,674,666	3,244,074	104,140	54,041	275,177	35,566	2,616,528	16,188	8,785	267	133,382	3,758,990	1,105,996
10	2,068,048	757,198	25,840	10,410	206,622	99,432	340,963	2,505	6,554		64,872	969,172	528,777
11	185,920	204,860	9,093	5,749	58,176	6,138	94,975	6,193	415		24,121	223,528	122,415
12	960,937	1,254,317	113,832	97,751	147,931	10,066	628,885	36,888	6,954	430	211,580	1,548,977	910,026
13	13,880,760	15,812,573	211,843	155,643	800,504	1,180,787	12,716,934	20,406	62,137	280	664,039	17,878,006	3,980,285
14	224,601	373,661	35,445	27,560	195,569	7,577	55,892	18,835	803	1,970	25,939	444,833	381,464
15	3,345,162	1,534,081	104,303	80,012	641,227	248,443	256,746	2,209	21,144	8,310	171,661	1,797,129	1,291,940
16	17,197,899	21,017,808	1,253,999	2,575,235	6,432,161	240,418	6,077,885	595,771	72,468	807,294	2,953,577	25,031,877	18,704,574
17	171,082	137,019	10,200	5,500	43,407	2,444	39,391	3,512	532	21,080	10,433	167,233	125,398
18	235,320	294,365	15,000	21,411	60,600	4,999	103,975	4,234	812		29,313	322,727	154,762
19	2,022,663	579,691	24,969	20,670	211,672	26,925	215,420	21,675	3,656	950	43,733	746,211	503,866
20	8,329,206	3,948,413	122,450	93,167	1,502,211	73,490	1,163,389	23,662	24,315	273,169	582,390	4,132,170	2,895,127
21	119,155	135,146	2,916	900	46,626	2,797	72,476	3,733	266		5,072	154,418	79,145
22	51,333	103,745	7,278	9,385	46,641	2,698	29,186	3,776	208	600	4,373	118,830	86,966
23	12,839	20,088	1,640	8,200	464	464	6,145	26	835		25,190	38,581	18,581
24	11,463,407	31,533,928	246,164	303,557	1,306,846	184,764	28,263,293	49,489	41,875	3,743	1,133,835	34,280,003	6,831,946
25	50,961	60,679	5,880	1,952	11,647	2,258	19,699	3,036	114		16,093	72,021	50,664
26	412,835	460,338	15,745	26,925	173,591	9,070	196,806	7,782	1,450	2,605	26,483	514,187	308,311
27	2,614,500	1,112,492	38,020	19,205	172,804	105,811	634,504	8,889	3,899		133,109	1,160,937	420,622
28	40,241	94,082	3,915	3,069	31,541	955	31,230	6,379	309		16,653	114,251	82,026
29	1,622,147	2,820,358	65,669	67,005	857,269	4,026	1,212,523	77,755	280,465	10,107	245,148	3,300,416	2,145,546
30	43,608	40,450	3,120	1,070	9,769	519	20,243	2,080	137		3,412	44,995	25,333
31	5,560	8,880			2,974	27	3,181	2,594	28		276	12,174	8,995
32	342,301	212,544	18,992	6,679	57,533	13,642	95,613	1,506	1,100		19,479	186,655	77,400
33	55,625	13,343		476	5,504	43	5,215	300	187		1,518	18,830	13,592
34	140,057,235	108,682,968	1,857,803	1,556,609	7,166,537	2,334,923	91,740,404	399,922	317,510	26,423	3,782,837	120,325,916	26,260,589

\* All other industries embrace—Continued.

Iron and steel pipe, wrought.....	4	Photographic apparatus and materials.....	4	Stationery goods, not elsewhere specified.....	1
Jewelry and instrument cases.....	3	Pipes, tobacco.....	3	Statuary and art goods.....	17
Kaolin and ground earths.....	2	Roofing materials.....	5	Stomach packing.....	2
Labels and tags.....	5	Safes and vaults.....	2	Sugar, refining, not including beet sugar.....	2
Lead, bar, pipe, and sheet.....	1	Scales and balances.....	1	Type-writers and supplies.....	2
Looking-glass and picture frames.....	16	Shells and shells.....	1	Upshooting materials.....	5
Malt.....	4	Shody.....	1	Vault lights and ventilators.....	4
Matches.....	4	Silk and silk goods, including throwsters.....	3	Vinegar and cider.....	14
Mineral and soda waters.....	154	Smelting and refining, copper.....	3	Washing machines and clothes wringers.....	2
Mucilage and paste.....	3	Smelting and refining, lead.....	2	Window shades and fixtures.....	16
Oil, essential.....	2	Smelting and refining, not from the ore.....	1	Wire-work, including wire rope and cable.....	20
Oakum.....	2	Soap.....	23	Wood, turned and carved.....	14
Oil, not elsewhere specified.....	8	Soda-water apparatus.....	2	Wool pulling.....	1
Paving materials.....	1	Sporting and athletic goods.....	3	Wool scouring.....	3
Pens, fountain, stylographic, and gold.....	1	Springs, steel, car and carriage.....	1	Woolen, worsted, and felt goods, and wool hats.....	6

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES, CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES.

LOS ANGELES.

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Pri-mary horse-power.	
		Total.	Prop-ri-ors and firm mem-bers.	Sal-ried offi-cers, super-intend-ents, and man-agers.	Clerks.		Wage earners (average number).			16 and over.		Total.	16 and over.		Under 16.		
					Male.	Fem-ale.	Total.	16 and over.		Male.	Fem-ale.						
								Male.	Fem-ale.								
1 All Industries.....	1,325	21,875	1,181	919	1,990	458	17,327	15,065	2,075	187	19,326	16,686	2,428	170	42	33,168	
2 Artificial stone.....	8	97	11	4	2	1	80	80	0	0	90	90	0	0	0	15	44
3 Boots and shoes, including cut stock and findings.....	4	38	3	1	2	1	31	25	8	0	30	22	8	0	0	91	91
4 Brass and bronze products.....	8	70	7	5	9	3	65	55	10	14	60	60	0	0	0	90	90
5 Bread and other bakery products.....	159	1,445	176	35	93	33	1,106	787	306	14	1,720	808	386	5	11	901	901
6 Brick and tile.....	8	412	14	5	2	1	391	374	17	0	425	407	18	0	0	1,451	1,451
7 Brooms.....	4	52	4	1	4	1	47	47	0	0	49	49	0	0	0	16	16
8 Brushes.....	4	11	4	1	1	1	5	4	1	0	11	10	1	0	0	108	108
9 Butter, cheese, and condensed milk.....	4	47	4	1	4	1	44	44	0	0	45	45	0	0	0	471	471
10 Canning and preserving.....	21	479	20	17	26	7	409	205	196	8	800	402	383	13	2	471	471
11 Carriages and wagons and materials.....	23	135	24	5	1	5	160	158	2	0	160	160	0	0	0	1,083	1,083
12 Cars and general shop construction and repairs by steam-railroad companies.....	4	1,938	4	17	33	0	1,887	1,887	0	0	1,887	1,887	0	0	0	0	0
13 Clothing, men's, including shirts.....	15	505	19	7	16	11	452	48	401	3	453	48	402	3	0	99	99
14 Clothing, women's.....	12	199	15	8	16	4	161	39	122	0	161	39	122	0	0	241	241
15 Coffee and spices, roasting and grinding.....	11	164	6	12	40	7	90	61	29	0	91	62	29	0	0	30	30
16 Confectionery.....	11	163	11	8	14	10	129	45	75	0	151	57	94	0	0	89	89
17 Coopers and wooden goods, not elsewhere specified.....	6	44	7	1	2	1	33	33	0	0	39	39	0	0	0	230	230
18 Copper, tin, and sheet-iron products.....	53	439	59	19	5	4	352	334	15	3	389	368	17	4	0	147	147
19 Electrical machinery, apparatus, and supplies.....	12	104	4	13	4	4	79	75	3	1	94	89	4	1	0	104	104
20 Fancy articles, not elsewhere specified.....	9	36	11	2	0	0	23	15	7	1	27	18	8	0	1	50	50
21 Flour-mill and gristmill products.....	7	194	10	16	4	3	135	131	4	0	140	136	4	0	0	1,260	1,260
22 Food preparations.....	22	187	30	16	4	131	65	66	0	0	178	88	90	0	0	239	239
23 Foundry and machine-shop products.....	113	2,449	84	118	180	45	2,422	2,412	2	8	2,402	2,700	3	9	0	3,852	3,852
24 Furniture and refrigerators.....	49	469	42	20	19	8	380	362	16	2	431	411	18	2	0	584	584
25 Gas and electric fixtures and lamps and reflectors.....	15	288	7	20	53	12	196	193	1	2	211	208	1	0	0	130	130
26 Hand stamps and stencils and brands.....	3	41	3	4	11	1	22	20	1	1	23	21	1	1	0	230	230
27 Ice, manufactured.....	6	321	14	29	6	272	271	1	0	0	270	269	1	0	0	2,006	2,006
28 Jewelry.....	16	112	24	5	9	5	72	70	2	0	84	19	57	0	0	70	70
29 Leather goods.....	32	322	35	58	8	105	162	47	6	238	248	248	0	0	0	1,082	1,082
30 Liquors, malt.....	4	290	20	24	4	242	242	0	0	0	242	242	0	0	0	316	316
31 Liquors, vinous.....	13	49	15	1	1	1	23	23	0	0	39	39	0	0	0	6,207	6,207
32 Lumber and timber products.....	61	1,816	45	66	129	18	1,558	1,542	5	11	1,706	1,689	5	12	0	187	187
33 Marble and stone work.....	14	108	2	0	0	0	106	106	0	0	106	106	0	0	0	258	258
34 Mattresses and spring beds.....	11	21	11	16	10	16	108	149	19	0	197	175	22	0	0	187	187
35 Models and patterns, not including paper patterns.....	6	20	7	0	0	0	13	7	6	0	14	8	6	0	0	158	158
36 Paint and varnish.....	6	67	3	11	15	3	35	35	0	0	35	35	0	0	0	33	33
37 Patent medicines and compounds and druggists' preparations.....	35	144	20	14	8	5	91	36	47	8	108	43	56	5	4	62	62
38 Petroleum, refining.....	10	133	16	11	6	100	100	0	0	0	105	105	0	0	0	430	430
39 Pottery, terra cotta, and fire-clay products.....	8	122	7	10	7	98	98	0	0	0	94	94	0	0	0	315	315
40 Printing and publishing.....	234	2,445	196	138	538	136	1,537	1,215	267	53	1,634	1,329	292	54	6	1,239	1,239
41 Slaughtering and meat packing.....	6	605	3	14	75	6	507	494	14	9	540	515	15	9	1	747	747
42 Surgical appliances and artificial limbs.....	6	31	4	3	3	0	21	15	6	0	19	14	5	0	0	8	8
43 Tobacco manufactures.....	33	225	38	7	4	0	176	129	38	9	193	141	42	2	0	808	808
44 All other industries.....	246	4,280	214	208	463	82	3,611	2,915	573	25	3,609	3,176	406	22	5	8,068	8,068

1. All other industries embrace: Agricultural implements, 2; automobiles, including bodies and parts, 26; awnings, tents, and sails, 6; babbitt metal and solder, 1; baking powders and yeast, 1; bicycles, motorcycles, and parts, 2; blacking and cleaning and polishing preparations, 3; boxes, cigar, 1; boxes, fancy and paper, 5; buttons, 5; candles, 1; carpets, rag, 2; cars and general shop construction and repairs by street-railroad companies, 2; cars, steam-railroad, not including operations of railroad companies, 1; cash registers and calculating machines, 1; chemicals, 1; collars, burial cases, and undertakers' goods, 2; cordials and syrups, 1; corsets, 1; cutlery and tools, not elsewhere specified, 7; dry-goods, 1; painters', and artists' supplies, 3; electroplating, 3; engraving and die-cutting, 3; fertilizers, 4; flags, 1; furs, 1; hammers, regula, society badges, and emblems, 2; flavoring extracts, 2; fuel, manufactured, 2; fur goods, 1; finishing goods, not 1; gas, illuminating and heating, 1; glass, 1; glass, cutting, staining, and ornamenting, 9; gloves and mittens, leather, 1; hair work, 3; hats and caps, other than felt, straw, and wool, 3; hoseery and knit goods, 2; house-furnishing goods, not elsewhere specified, 1; ink, writing, 1; instruments, professional and scientific, 3; iron and steel, steel works and rolling mills, 1; iron and steel pipe, wrought, 3; jewelry

OAKLAND.

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Pri-mary horse-power.	
		Total.	Prop-ri-ors and firm mem-bers.	Sal-ried offi-cers, super-intend-ents, and man-agers.	Clerks.		Wage earners (average number).			16 and over.		Total.	16 and over.		Under 16.		
					Male.	Fem-ale.	Total.	16 and over.		Male.	Fem-ale.						
								Male.	Fem-ale.								
1 All Industries.....	441	8,538	554	347	533	199	6,906	6,261	1,064	240	7,987	6,162	1,651	160	104	13,883	
2 Bread and other bakery products.....	57	447	69	12	23	31	312	239	70	3	395	303	89	3	0	203	203
3 Butter, cheese, and condensed milk.....	4	73	1	15	10	4	53	39	14	0	53	39	14	0	0	166	166
4 Canning and preserving.....	6	60	10	7	2	1	45	35	10	0	1,057	343	723	0	0	191	191
5 Carriages and wagons and materials.....	10	65	10	7	2	1	45	45	0	0	44	44	0	0	0	8	8
6 Confectionery.....	6	127	6	3	12	34	124	98	24	0	74	25	49	0	0	59	59
7 Copper, tin, and sheet-iron products.....	12	85	19	6	5	1	55	55	0	0	68	68	0	0	0	228	228
8 Flour-mill and gristmill products.....	3	42	8	6	8	2	36	35	1	0	37	36	1	0	0	411	411
9 Food preparations.....	6	53	8	5	10	2	28	24	4	0	28	24	4	0	0	903	903
10 Foundry and machine-shop products.....	44	891	39	44	147	747	757	1	9	823	812	1	10	0	652	652	
11 Liquors, malt.....	4	95	1	1	0	0	78	78	0	0	78	78	0	0	0	41	41
12 Lumber and timber products.....	31	914	21	35	43	7	808	803	0	5	814	809	5	0	0	3,421	3,421
13 Pottery, terra-cotta, and fire-clay products.....	3	45	2	2	4	0	37	37	0	0	40	40	0	0	0	210	210
14 Printing and publishing.....	70	632	65	41	134	41	331	272	39	20	333	290	16	10	0	540	540
15 Tobacco manufactures.....	27	182	27	1	1	0	182	182	0	0	187	187	0	0	0	92	92
16 All other industries.....	155	4,427	224	153	220	53	3,777	2,903	589	105	3,936	3,169	623	114	90	6,920	6,920

1. All other industries embrace: Artificial stone, 3; automobiles, including bodies and parts, 26; awnings, tents, and sails, 1; babbitt metal and solder, 1; baking powders and yeast, 1; baskets, and rattan and willow wares, 2; bicycles, motorcycles, and parts, 1; blacking and cleaning and polishing preparations, 3; boots and shoes, including cut stock and findings, 1; boxes, fancy and paper, 1; brass and bronze products, 5; brooms, 2; brushes, 2; carpets, rag, 1; cars and general shop construction and repairs by street-railroad companies, 2; cars and general shop construction and repairs by street-railroad companies, 1; cash registers and calculating machines, 1; chemicals, 1; collars, burial cases, and undertakers' goods, 1; coopers and wooden goods, not elsewhere specified, 1; cordage and twine and jute and linen goods, 1; cordials and syrups, 1; cutlery and tools, not elsewhere specified, 1; electrical machinery, apparatus, and supplies, 2; electroplating, 1; fancy articles, not elsewhere specified, 1; flags, banners, regula, society badges, and emblems, 1; flavoring extracts, 2; fur goods, 1; finishing goods, not 1; fur goods, 1; furniture and refrigerators, 2; gas and electric fixtures and lamps and reflectors, 1; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 2; gloves and mittens, leather, 4; hatters'

# STATISTICS OF MANUFACTURES.

AND TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909.

## CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES.

### LOS ANGELES.

Capital.	EXPENSES.										Value of products.	Value added by manufacturer.	
	Total.	Services.			Materials.			Miscellaneous.					
		Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Home of factory.	Taxes, including internal revenue.	Contract work.	Other.			
1	\$51,318,398	\$91,051,311	\$1,728,739	\$2,183,429	\$12,587,017	\$1,523,359	\$37,382,849	\$863,455	\$611,837	\$378,450	\$3,395,176	\$68,586,274	\$29,673,966
2	69,648	115,394	7,440	1,710	65,614	1,216	29,801	1,078	395		7,240	146,961	115,944
3	61,880	70,575	1,300	5,148	23,930		34,102	3,000	101		1,765	75,017	39,686
4	85,560	124,900	10,600	1,920	46,130	6,538	53,261	3,714	194		2,638	192,686	132,287
5	1,886,925	4,170,968	67,106	132,456	701,608	66,810	2,803,474	83,757	11,492	185	304,100	4,670,676	1,799,792
6	1,432,931	326,746	24,800	6,908	215,399	125,072	107,763	1,165	5,729		39,902	655,070	425,236
7	105,009	118,728		300	24,157		78,359	130			76	14,135	185,444
8	10,860	12,660		300	3,378	124	6,531	625			86	18,800	8,745
9	172,492	1,375,790	12,600	7,427	35,290	2,870	1,303,710	6,115	3,900		7,229	1,417,232	110,672
10	965,222	1,059,314	33,852	60,668	174,533	15,375	1,057,967	3,994	5,579		1,362	1,254,724	483,749
11	304,762	469,529	5,522	2,022	110,650	7,275	244,749	12,455	1,418		8,024	481,365	279,371
12	740,904	3,362,118	27,305	31,187	1,632,371	55,815	1,547,591		2,076		67,773	3,362,118	1,760,712
13	228,799	744,746	9,400	22,701	185,701	4,189	482,262	18,187		700	18,968	821,794	335,233
14	131,605	265,849	10,672	15,211	71,819	2,080	152,345	9,205			4,070	321,034	166,609
15	669,953	1,056,445	23,810	61,243	66,888	8,269	793,435	10,830	5,460		86,200	1,150,334	383,609
16	158,182	309,418	9,355	19,020	13,457	4,059	199,010	4,596	1,216		13,370	342,878	193,169
17	113,136	145,128	3,900	2,600	24,685	1,815	104,341	2,970	773		4,683	139,046	32,890
18	688,048	970,467	32,624	5,725	249,541	6,629	604,538	13,876	5,514		82	925,538	513,227
19	138,124	196,431	20,045	4,663	31,762	2,521	94,973	8,150	390		16,147	211,188	115,994
20	31,787	31,838	1,431		14,218	1,464	4,945	2,804			3,807	48,000	33,651
21	2,676,229	5,068,693	66,270	48,287	94,882	21,424	4,806,319	21,424	9,136		6,676	29,037	5,247,173
22	337,596	518,269	12,150	15,560	63,140	7,020	368,947	10,914	298		1,144	37,526	589,351
23	7,263,185	6,994,154	219,019	218,288	1,896,622	178,398	3,576,409	53,065	33,665		138,153	680,535	4,021,989
24	586,214	784,767	29,564	21,298	309,583	9,251	344,943	18,438	2,828		2,300	46,572	777,739
25	510,491	691,338	45,300	61,976	161,019	7,800	589,790	2,297	2,297		54,294	970,265	493,412
26	34,369	66,082	6,396	11,214	17,063	385	21,132	3,722	165		6,005	91,510	66,993
27	2,701,827	633,294	47,735	53,082	225,825	112,494	29,558	1,297	17,965		168,235	704,560	622,888
28	152,899	202,188	10,060	10,210	35,456	1,944	103,414	6,567	556		14,291	245,904	143,496
29	601,963	6,88,321	22,907	46,788	116,824	1,902	400,416	19,729	1,330		58,425	577,174	334,856
30	3,846,167	1,235,857	66,780	30,423	257,864	35,836	3,025,979	150	228,234		298,199	4,056,990	1,068,175
31	270,197	83,289			1,429		40,284	6,660			7,318	96,479	69,499
32	7,789,975	5,143,748	111,965	114,420	1,108,483	233,699	3,268,070	30,655	22,831		1,607	224,692	5,683,640
33	221,551	293,561	1,330	7,732	7,332	4,167	11,343	1,876	992		4,319	256,527	180,747
34	338,573	19,618	19,230	26,933	3,842	4,058	493,216	1,654	1,353		42,413	786,636	231,488
35	7,925	15,661			7,530		8,617	2,678	20		29	28,150	22,633
36	305,004	445,362	13,800	18,891	29,893	2,905	355,348	5,170	1,960		17,995	494,288	136,035
37	140,072	236,612	16,285	9,869	42,978	1,671	138,725	9,501	700		90	17,128	337,042
38	1,311,746	1,344,246	49,520	16,422	82,493	84,630	1,050,976	1,800	4,751		280	54,274	1,406,045
39	535,883	188,152	29,160	6,232	61,240	38,518	47,480	2,149	5,737		15,214	254,582	148,384
40	3,053,893	4,473,507	266,422	612,355	1,188,470	42,148	1,576,436	126,528	15,528		194,459	451,221	5,101,769
41	3,509,171	6,844,428	57,095	90,120	324,081	60,574	5,885,046	1,140	14,149		411,623	7,464,295	1,818,675
42	18,425	51,376	3,315	2,700	13,977	416	14,236	3,880	184		12,668	48,850	34,198
43	173,065	12,294,838	12,294,838	2,910	2,910	2,910	18,028	4,848			29	28,150	210,493
44	18,984,981	9,146,023	345,292	422,559	2,485,781	579,448	4,386,299	139,845	167,113		27,817	501,879	10,979,432

and instrument cases; 1; labels and tags; 1; lapidary work; 10; looking-glass and picture frames; 6; millinery and lace goods; 6; mineral and soda waters; 6; mirrors; 2; mugs and paste; 2; musical instruments and materials, not specified; 3; musical instruments, pianos and organs and materials; 2; oil, not elsewhere specified; 1; optical goods; 1; paper and wood pulp; 1; pens, fountain, typographic, and gold; 1; photographic apparatus and materials; 2; photo-engraving; 7; pipes, tobacco; 1; pumps, not including steam pumps; 2; rubber goods, not elsewhere specified; 1; scales and balances; 1; shipbuilding, including boat building; 5; show cases; 3; signs and advertising novelties; 3; soap; 6; sewing-machine apparatus; 7; stationary and art goods; 5; stereotyping and electrotyping; 1; stoves and furnaces, including gas and oil stoves; 7; sulphuric, nitric, and mixed acids; 1; type founding and printing materials; 1; umbrellas and canes; 3; upholstering materials; 1; vinegar and cider; 1; wall plaster; 2; whips; 2; window shades, and fixtures; 3; wirework, including wire rope and cable; 5; wood, turned and carved; 6; woolen, worsted, and felt goods, and wool hats; 2.

### OAKLAND.

1	\$19,113,246	\$20,559,203	\$570,135	\$650,144	\$5,317,241	\$769,518	\$11,077,415	\$224,282	\$180,415	\$39,063	\$1,650,672	\$22,342,926	\$10,495,893
2	599,044	1,232,247	18,369	35,287	254,054	28,500	806,642	41,071	4,261		64,072	1,420,288	585,146
3	105,449	712,614	13,320	15,690	85,880	2,871	3,503	5,216			10,995	171,711	111,652
4	904,432	946,704	28,869	18,291	173,068	14,108	659,825	5,881	3,095		46,827	1,039,540	365,607
5	1,026,866	137,674	7,579	1,904	36,373	3,703	63,977	8,310	635		4,844	10,338	106,302
6	145,921	1,011,365	7,841	8,545	35,722	4,579	102,743	6,532	341		18,590	34,421	210,493
7	98,125	156,543	10,036	3,637	51,177	1,004	79,732	3,312	947		5,998	179,623	98,897
8	326,409	689,107	11,344	8,870	39,844	3,253	609,822	7,280			14,284	690,860	380,079
9	70,590	196,912	6,660	11,459	19,314	3,506	123,258	3,660	356		23,298	211,783	80,079
10	237,992	1,083,705	29,160	33,103	681,600	80,910	621,460	20,069	5,737		1,820	1,820,961	1,141,652
11	7,344,342	566,861	26,100	8,860	93,634	14,174	145,175	12,600	91,639		138,994	667,530	509,746
12	1,115,526	2,433,007	74,238	51,344	702,479	16,484	1,181,155	18,770	9,190		2,010	87,317	2,183,236
13	172,367	62,520	4,813	4,870	27,499	11,288	24,842	1,390			8,399	66,590	48,490
14	1,119,028	1,011,365	7,841	8,545	35,722	4,579	102,743	6,532	341		18,590	34,421	210,493
15	86,173	160,142	2,400	4,141	50,432	904	73,543	6,888	15,700		6,034	182,637	108,190
16	10,436,545	10,699,417	307,634	235,578	2,766,639	606,793	5,724,779	70,850	53,177		2,521	948,400	11,451,475

and tallow; 1; band stamps and stencils and brands; 2; ice, manufactured; 3; iron and steel, steel works and rolling mills; 1; jewelry; 3; leather goods; 3; leather, tanned, cured, and finished; 1; liquors, vinous; 1; marble and stone work; 2; mattresses and spring beds; 6; millinery and lace goods; 3; mineral and soda waters; 4; mirrors; 1; models and patterns, not including paper patterns; 3; optical goods; 1; paint and varnishes; 2; paper and wood pulp; 1; patent medicines and compounds and chemical and glass preparations; 4; photo-engraving; 1; safes and vaults; 1; slaughtering and meat packing; 7; shipbuilding, including boat building; 5; show cases; 2; silversware and plated ware; 2; smelting and refining, not from the ore; 1; stationary and art goods; 1; stoves and furnaces, including gas and oil stoves; 3; sulphuric, nitric, and mixed acids; 1; surgical appliances and artificial limbs; 2; upholstering materials; 1; washing machines and clothes wringers; 1; window shades and fixtures; 4; wirework, including wire rope and cable; 4; wood, turned and carved; 2.

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES, AND

CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES.—Continued.

SAN FRANCISCO.

INDUSTRY AND CITY.	Number of establishments.	PERSONS EMPLOYED IN INDUSTRY.										WAGE EARNERS—NUMBER PER C. 15, OR NEAREST REPRESENTATIVE PAY.					
		Total.	Proprietors, firm members.		Salaried officers, superintendents, and managers.		Clerks.		Wage earners (average number).		Total.	Under 16.		Primary home-power.			
			Male.	Female.	Male.	Female.	Total.	Male.	Female.	Male.		Female.					
													16 and over.		Under 16.		
<b>1 All industries.</b>	<b>1,796</b>	<b>36,910</b>	<b>2,544</b>	<b>1,853</b>	<b>3,377</b>	<b>1,092</b>	<b>26,244</b>	<b>22,852</b>	<b>5,173</b>	<b>219</b>	<b>29,596</b>	<b>23,917</b>	<b>5,440</b>	<b>174</b>	<b>65</b>	<b>49,834</b>	
2 Artificial stone.	9	10	8	2	6	8	2	68	67	1	71	70	1			25	
3 Baskets, and rattan and willow ware.	7	129	7	2	2	1	117	40	77	1	110	38	72	1		23	
4 Baiting and hose, leather.	5	52	1	8	3	2	32	31	2	32	31	1				37	
5 Boots and shoes, including cut stock and findings.	8	426	73	9	16	6	321	224	83	14	378	264	96	11	5	131	
6 Boxes, fancy and paper.	10	321	6	15	13	6	281	99	153	19	299	105	174	2	18	225	
7 Brass and bronze products.	13	154	13	10	8	2	121	117	1	3	123	119	1	3		131	
8 Bread and other bakery products.	167	1,663	263	39	82	78	1,303	961	234	8	1,369	1,014	247	1	7	786	
9 Butter, cheese, and condensed milk.	3	8	3				5	4	1	5	5	4	1			4	
10 Canning and preserving.	17	1,014	109	161	80	12	908	481	422	4	844	450	394	11	4	665	
11 Carriages and wagons and materials.	37	311	43	17	6	8	237	233		4	231	227		4		248	
12 Chemicals.	4	139		8	8	3	129	120			118	118				720	
13 Clothing, men's, including shirts.	50	1,968	251	30	80	22	1,522	342	1,179	1	1,446	325	1,120	1		335	
14 Clothing, women's.	41	835	199	161	80	20	570	161	406	3	639	459	185			83	
15 Coffee and spice, roasting and grinding.	19	492	13	35	180	39	225	134	91		245	146	99			775	
16 Coffins, burial cases, and undertakers' goods.	4	78	2	6	6	3	61	35	25	1	62	36	25	1		151	
17 Confectionery.	27	689	36	27	51	36	539	171	353	16	702	223	459	4	16	299	
18 Coverage and roofed goods, elsewhere specified.	11	113		9			29	29			304	303				861	
19 Copper, iron, and sheet-iron products.	71	1,336	130	55	60	23	1,063	991	74	3	1,043	968	72	3		681	
20 Electrical machinery, apparatus, and supplies.	10	169	7	9	10	5	129	105	23	1	141	118	25	1		131	
21 Electroplating.	5	42	6	5	5		27	27			30	30				69	
22 Flour-mill and gristmill products.	9	172	6	12	45	2	107	101	6		105	99	6			1,228	
23 Food preparations.	31	469	61	63	63	13	330	243	85	2	322	237	83	2		909	
24 Foundry and machine-shop products.	187	3,456	129	204	228	72	2,823	2,803	4	16	2,789	2,769	4	16		6,714	
25 Furnishing goods, men's.	4	109	4	15	11		77	45	30		82	48	34			31	
26 Furniture and refrigerators.	31	1,223	61	37	79	19	1,048	794	13	4	1,057	1,040	13	3		1,237	
27 Gas and electric fixtures and lamps and reflectors.	15	428	7	33	42	25	321	1,031	10	17	412	377	13	20	2	271	
28 Gloves and mittens, leather.	9	165	10	5	18	4	128	48	80		128	48	80			16	
29 Hand stamps and stencils and brands.	7	84	8	8	22	2	54	49	6		58	53	5			55	
30 Ice, manufacturers.	3	80		7	4	2	67	67			66	66				1,485	
31 Jewelry.	24	387	125	13	16	3	430	395	24	11	477	458	27	11	1	248	
32 Leather goods, harness and saddlery.	31	469	61	63	63	13	330	243	85	2	322	237	83	2		909	
33 Leather, tanned, curried, and finished.	17	619	15	27	14	5	558	558			592	592				1,260	
34 Liquors, malt.	20	511	6	46	54	8	437	437			448	448				3,701	
35 Liquors, vinous.	4	4		3	7		3	7			4	4				41	
36 Lumber and timber products.	68	1,667	47	97	63	21	1,439	1,433	1	5	1,426	1,420	1	5		6,435	
37 Marble and stone work.	32	1,068	16	28	57	9	488	487	1		440	439	1			1,227	
38 Mattresses and spring beds.	12	520	6	22	24	12	256	228	28	6	283	247	31	4	1	367	
39 Military and law goods.	2	140					106	106			159	152				101	
40 Models and patterns, not including paper patterns.	14	101	20		5	1	75	62	7	6	72	59	7	6		131	
41 Musical instruments, pianos and organs and materials.	7	27	8	2	1	1	15	15			17	17				6	
42 Paint and varnish.	13	142	8	19	25	6	85	79	4	2	85	79	4	2		332	
43 Patent medicines, chemical compounds and druggists' preparations.	28	530	11	33	34	84	168	79	89		162	76	86			1,231	
44 Photo-engraving.	9	140	4	13	16	12	95	92	3		98	95				41	
45 Printing and publishing.	367	5,180	269	271	1,057	260	3,332	2,747	543	42	3,438	2,875	569	43	1	3,885	
46 Show cases.	4	27			5	1	18	18			18	18				22	
47 Slaughtering and meat packing.	31	471	47	31	50	2	341	340		1	369	368				1,083	
48 Tobacco manufacturers.	91	1,711	296	17	51	7	750	551	199		748	550	198			6,939	
49 All other industries.	269	8,118	291	321	720	234	6,552	5,736	706	37	7,276	6,391	832	8	14,922		

1 All other industries embrace: Automobiles, including bodies and parts, 5; awnings, tents, and sails; 4; babbitt metal and solder; 3; bags, other than paper, 5; bags, paper; 1; baking powder and yeast; 2; blacking and cleansing and polishing preparations; 3; blinning; 1; boxes, cigar; 1; cement and tile; 2; brooms; 7; brushes; 2; buttons; 2; canlies; 1; carpets, rag; 4; carriages and cabs; 2; children's; 1; cars and general shop construction; 1; cars and general shop construction; 1; cars and general shop construction; 1; cars, steam-railroad, not including operations of railroad companies; 1; crank; 1; chocolate and cocoa products; 2; clocks and watches, including cases and materials; 2; cordage and twine and jute and linen goods; 1; cordials and syrups; 4; corsets; 1; cutlery and tools, not elsewhere specified; 3; darrmers', poultryers', and apiculturists' supplies; 2; engraving and distilling; 2; fancy articles, not elsewhere specified; 1; fertilizers; 2; files; 1; fireworks; 1; flags, banners, regalia, society badges, and emblems; 3; having extracts; 9; laundry supplies; 2; fur goods; 7; galvanizing; 2; gas, illuminating and heating; 3; glass; 2; glass, cutting, staining, and ornamenting; 12; glue; 3; gold and silver, reducing and refining, not from the ore; 1; grease and tallow; 4; hair work; 4; hats and caps, other than felt, straw, and wool; 4; hats, fur; 2; hats, felt; 2; hosiery and knit goods; 5; house-durability goods, not elsewhere specified; 2; ink, printing; 1; instruments, professional and scientific; 1; iron and steel, steel works and rolling mills; 1; iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills; 1; iron and steel forgings; 2; jewelry

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1 ALAMEDA.	51	1,676	50	36	48	27	915	896	17	2	1,098	1,075	20	3		1,526
2 BERKELEY.	27	844	20	19	43	7	746	749	49	2	1,629	849	9	2		3,000
3 BERKELEY.	84	1,420	115	61	123	37	1,084	924	145	15	993	846	133	12	2	2,433
4 EUREKA.	48	1,075	30	35	34	20	946	897	46	3	968	823	42	3		3,901
5 FRESNO.	76	2,262	132	42	116	42	1,855	1,165	745	25	2,600	1,660	1,091	15	19	3,408
6 LONG BEACH.	51	413	49	25	47	15	277	262	14	1	320	303	16	1		1,450
7 FABADENA.	88	708	92	27	56	34	499	355	121	23	704	501	170	3	30	669
8 FORTUNA.	30	285	32	5	14	10	224	111	113		336	257	31			334
9 GARDEN.	39	370	36	36	49	9	145	119	25	21	209	107	107			829
10 RIVERSIDE.	53	309	66	26	21	29	267	253	12	2	317	301	14	2		700
11 SACRAMENTO.	211	5,296	219	217	233	83	4,514	4,032	464	8	4,760	4,252	489	19		8,517
12 SAN BERNARDINO.	48	1,833	180	57	118	18	1,353	1,174	177	1	1,530	1,174	356	1		3,000
13 SAN DIEGO.	117	1,440	99	84	138	48	1,071	1,021	142	1	1,230	1,097	117	14	2	3,269
14 SAN JOSE.	153	1,828	134	73	126	65	1,430	890	540	21	1,959	1,197	740	25	3	2,075
15 SANTA BARBARA.	51	382	43	24	30	20	265	246	16	3	297	276	18	1	2	897
16 SANTA CRUZ.	34	388	32	26	14	11	296	246	14	1	326	275	50	5		1,221
17 STOCKTON.	144	2,039	141	90	155	69	1,594	1,407	186	1	1,809	1,577	211	1		5,016
18 VALLEJO.	23	271	22	14	29	3	208	189	14		222	207	15	1		1,616

# STATISTICS OF MANUFACTURES.

TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909—Continued.

## CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES—Continued.

### SAN FRANCISCO.

	Capital.	EXPENSES.										Value of products.	Value added by manuf. factor.
		Total.	Services.		Materials.			Miscellaneous.					
			Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.			
1	\$133,823,673	\$119,782,203	\$3,685,131	\$4,497,432	\$22,321,452	\$2,275,306	\$73,942,015	\$1,778,773	\$1,139,233	\$1,124,647	\$9,054,264	\$133,041,069	\$56,823,748
2	77,670	128,474	8,425	955	60,326	488	49,843	4,011	170	.....	3,926	151,227	100,896
3	107,397	191,241	8,400	2,800	40,687	742	117,650	7,340	397	.....	4,825	210,617	92,255
4	172,973	253,945	15,000	26,312	26,312	2,016	179,254	4,520	15,040	.....	210,419	109,159	
5	672,102	857,500	21,805	13,832	203,853	5,430	547,546	12,440	2,130	.....	50,463	976,301	423,385
6	310,558	460,289	25,026	15,001	141,027	4,302	216,227	19,853	507	1,369	44,827	496,026	275,407
7	182,643	322,630	14,561	7,001	115,995	13,254	151,059	11,748	739	100	8,123	355,790	101,683
8	532,789	4,556,077	109,825	128,612	1,002,810	88,562	2,876,703	95,802	10,800	.....	212,873	5,208,122	2,302,967
9	10,725	41,462	.....	.....	4,425	72	35,487	.....	.....	.....	1,211	46,600	11,441
10	3,342,797	4,324,425	86,746	70,388	380,839	30,308	3,431,850	25,585	11,296	24,791	226,575	4,775,955	1,283,797
11	456,830	486,463	25,840	10,156	204,308	14,745	176,732	26,515	1,599	3,389	22,789	552,212	300,735
12	1,425,269	846,831	13,200	10,989	92,886	43,966	583,723	.....	.....	.....	96,464	938,462	310,763
13	1,657,219	3,332,178	52,079	73,707	727,453	13,717	2,662,461	60,381	5,526	107,999	198,864	3,662,468	1,576,200
14	463,842	1,677,219	19,563	31,356	252,231	7,741	630,522	29,143	1,349	15,644	63,984	1,224,663	371,170
15	2,440,324	4,649,744	92,084	334,987	152,407	24,500	3,524,402	57,338	8,318	.....	455,502	4,972,739	1,423,831
16	432,292	229,441	9,576	6,108	39,122	2,700	149,497	1,290	2,465	4,170	14,503	271,526	119,239
17	1,151,430	1,512,238	70,572	67,167	249,427	25,479	904,948	58,049	3,044	.....	154,482	1,717,598	788,071
18	1,196,860	1,546,173	32,475	20,773	210,638	3,858	1,150,793	9,948	.....	.....	68,807	1,608,063	529,607
19	5,190,542	3,322,638	120,387	78,141	947,881	29,725	1,842,907	58,716	8,545	4,782	229,854	3,644,658	1,772,926
20	163,140	284,543	17,875	12,820	77,311	3,229	139,482	9,566	.....	.....	360	322,040	173,319
21	34,215	62,298	3,076	3,877	24,404	3,672	19,717	3,512	147	.....	3,913	69,873	46,484
22	1,532,348	2,650,901	25,322	58,191	88,651	21,917	2,380,915	4,800	2,969	.....	67,625	2,781,554	378,422
23	1,956,210	2,188,807	68,688	59,907	191,664	25,217	1,655,317	19,480	3,791	.....	106,542	2,435,497	756,833
24	10,849,081	1,050,014	487,633	296,967	2,689,856	175,278	4,725,995	149,074	32,713	66,860	574,708	6,022,601	4,721,128
25	241,948	68,535	.....	.....	68,535	.....	68,535	.....	.....	.....	.....	68,535	.....
26	2,180,051	2,759,576	84,552	56,888	510,833	34,618	1,301,044	88,795	6,020	31,158	120,771	3,057,460	1,721,738
27	1,129,061	846,788	52,837	60,810	206,813	12,196	417,616	14,399	2,462	.....	29,913	917,325	487,513
28	323,662	265,071	6,170	13,690	79,493	1,118	147,224	2,896	327	900	13,913	300,640	152,298
29	109,963	147,611	13,773	23,492	52,447	1,371	42,250	12,303	125	.....	1,856	161,301	117,680
30	1,659,395	211,117	15,680	7,656	69,140	59,062	13,944	.....	5,730	8,618	32,288	302,283	229,277
31	221,460	1,043,230	20,120	15,817	366,894	8,231	493,691	.....	34,320	561	72,396	1,121,151	494,337
32	724,091	2,283,699	20,802	29,499	204,449	2,000	1,984,554	1,800	4,670	.....	842,776	3,127,879	1,295,279
33	2,479,329	3,287,725	70,162	18,806	415,217	30,696	2,624,639	1,860	4,670	.....	122,425	3,222,171	967,526
34	7,567,270	2,971,499	129,150	91,187	308,241	81,183	814,106	12,810	466,327	.....	838,493	4,842,962	2,587,203
35	157,776	218,584	5,700	11,800	14,200	549	194,041	6,120	.....	.....	38,135	162,240	102,240
36	2,832,701	4,081,117	179,353	95,310	1,346,670	40,941	2,092,442	115,684	11,721	2,910	196,085	4,377,645	2,244,202
37	1,221,483	1,329,233	68,258	64,312	413,111	24,839	772,520	17,656	6,357	109,979	52,231	1,636,296	837,613
38	782,699	955,054	43,733	33,922	172,549	8,038	568,358	22,398	2,133	.....	133,713	1,004,266	450,690
39	212,443	212,443	.....	.....	212,443	.....	212,443	.....	.....	.....	.....	212,443	.....
40	67,899	127,558	.....	3,460	66,673	3,250	41,260	6,959	170	254	6,102	133,149	108,639
41	60,223	39,326	2,800	500	17,869	681	13,182	1,170	351	.....	2,745	53,556	39,693
42	728,875	622,960	38,660	18,222	60,459	10,819	445,077	8,220	2,453	.....	30,650	757,994	302,038
43	644,029	838,154	82,283	71,638	82,233	6,381	373,677	21,994	4,303	340	138,383	989,062	609,004
44	108,302	209,437	20,386	17,704	105,201	4,093	29,872	10,150	273	.....	21,758	228,051	104,086
45	7,100,659	10,650,255	30,842	1,817,565	3,984,153	99,545	10,107,519	276,149	17,519	506,884	160,923	12,201,323	9,047,732
46	24,135	67,800	1,716	969	29,897	364	27,864	2,100	122	.....	3,737	69,303	34,875
47	2,056,492	9,742,966	67,935	47,309	337,397	59,827	8,863,636	91,920	1,228	.....	327,399	10,269,912	1,366,244
48	855,225	1,524,946	35,681	49,632	423,756	2,111	612,261	30,465	181,835	10,062	174,443	1,833,203	1,218,831
49	65,049,943	35,717,785	740,704	1,066,211	5,214,662	1,285,756	22,548,318	388,431	234,665	224,927	2,047,721	38,153,420	14,346,522

and instrument cases, 2; kaolin and ground earths, 1; labels and tags, 3; lapidary work, 3; lead, bar, pipe, and sheet, 1; looking-glass and picture frames, 8; malt, 3; mineral and soda waters, 14; mirrors, 3; musical instruments and materials, not specified, 2; oakum, 2; oil, not elsewhere specified, 4; optical goods, 2; paper goods, not elsewhere specified, 6; photographic apparatus and materials, 2; pumps, not including steam pumps, 2; roofing materials, 1; rubber goods, not elsewhere specified, 3; sales and vaults, 1; saws, 1; shipbuilding, including boat building, 10; shoddy, 1; signs and advertising novelties, 4; silk and silk goods, including throwsters, 1; silverware and plated ware, 1; soap, 8; sporting and athletic goods, 3; springs, steel, car, and carriage, 1; stationary goods, not elsewhere specified, 1; stationary and art goods, 9; steam packing, 2; stereotyping and electrotyping, 2; stoves and furnaces, including gas and oil stoves, 4; sugar, retaining not including beet sugar, 1; sulphur, native, and refined, 1; surgical appliances and artificial limbs, 4; type founding and printing materials, 2; typewriters and supplies, 1; upholstering materials, 3; vault lights and ventilators, 1; vinegar and cider, 2; wall plaster, 3; whips, 1; window shades and fixtures, 6; wirework, including wire rope and cable, 3; wood, turned and carved, 4; wool scouring, 1.

## CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1	\$3,022,220	\$2,307,413	\$105,140	\$65,482	\$796,947	\$57,775	\$871,578	\$10,902	\$24,747	\$8,226	\$390,346	\$2,554,417	\$1,625,064
2	1,791,474	2,855,039	13,186	23,940	2,395,399	58,795	1,826,600	12,690	1,080	.....	106,923	2,818,744	1,129,053
3	3,464,693	4,134,822	117,995	136,297	839,963	94,818	2,592,660	30,445	27,053	2,050	294,141	4,433,574	1,748,496
4	3,366,229	2,710,090	67,009	56,976	673,243	42,181	1,431,804	12,632	45,044	133,336	227,785	3,011,697	1,317,697
5	4,955,994	10,377,323	191,845	102,890	1,052,892	148,800	7,843,425	170,380	16,864	.....	274,180	11,750,168	3,927,844
6	1,225,876	847,008	34,346	32,763	204,475	54,355	444,015	11,638	11,555	838	30,983	927,140	428,810
7	1,346,992	1,474,303	60,065	67,486	379,875	42,276	811,128	31,890	7,353	15,816	64,462	1,724,364	870,900
8	629,860	447,841	6,230	15,412	152,413	25,077	205,269	6,370	4,934	.....	31,876	559,661	239,315
9	1,104,473	1,657,229	29,800	25,910	202,349	29,152	326,649	10,079	1,049	.....	218,235	1,383,413	523,419
10	1,101,927	1,000,010	16,429	31,112	213,594	43,016	624,222	6,308	2,095	5,198	11,762	1,067,260	511,236
11	10,967,168	12,783,480	345,531	270,664	3,917,667	334,236	6,559,262	75,591	236,333	22,734	1,631,424	19,705,911	7,083,413
12	1,242,110	1,559,649	25,763	38,707	639,679	68,841	695,443	6,800	16,104	.....	39,832	1,609,705	898,421
13	5,325,313	4,090,132	127,845	135,957	895,356	101,464	2,845,376	60,000	12,864	.....	274,180	4,750,799	2,067,344
14	3,815,492	4,058,388	126,621	122,265	903,248	136,898	3,106,181	51,453	226,791	12,634	372,347	4,610,427	2,367,348
15	804,508	1,024,458	34,027	29,103	196,864	30,164	666,125	13,339	6,805	1,282	56,749	1,169,195	472,966
16	2,605,342												



## CHAPTER 6.

### MINES AND QUARRIES.

**Introduction.**—The present chapter contains a complete statement of the statistics of all mining industries which include all mines, quarries, and wells in the state of California for the year 1909, as shown by the Thirteenth Census.

A brief explanation of the scope of the census of mining industries and of the terms used, in so far as the usage differs from that followed in the census of manufactures, is presented below in order to prevent any misinterpretation of the statistics.

The explanations here given show the usage of the mining census generally, though some of the special rules have obviously no relation to particular states which the industries referred to do not exist.

**Scope of census.**—The Thirteenth Census covered all classes of mines, quarries, and petroleum and gas wells that were in operation during any portion of the year 1909, both those which were producing and those whose operations were confined to development work. Mines, quarries, or wells that were idle during the entire year 1909 were omitted from the canvass. The following operations were likewise omitted from the canvass: Prospecting; the digging or dredging of sand and gravel for the construction of roads and for building operations; the production of mineral waters; and the operation of small bituminous coal banks producing less than 1,000 tons annually.

Where the mineral products are not marketed in their crude condition, but are dressed or washed at the mine or quarry, the statistics of mining cover the entire work of obtaining the crude material and its preparation for the market.

**Period covered.**—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for enterprises which began or discontinued business during the year.

**Number of operators.**—As a rule, the unit of enumeration was the "operator." Every individual, firm, or corporation was required to furnish one report for all mines, quarries, or wells which were operated under the same management or for which one set of books of account was kept. Separate reports were obtained for all properties operated in different states, even where they were owned by the same operator. Likewise, where the operations of one individual, firm, or corporation covered more than one class of mines and quarries, such as coal, iron, limestone, etc., a separate report was received for each industry.

**Number of mines, quarries, and wells.**—This figure represents the total number of mines and quarries in operation or in the course of development at any time during the calendar year 1909, or the business year that corresponds most nearly to that calendar year, and the number of completed petroleum and natural gas wells in operation on December 31, 1909.

In most mining and quarrying industries the number of mines or quarries varies but little from the number of operators.

**Expenses of operation and development.**—A certain amount of development work is incidental to the operation of every mine. The expenses reported for producing mines include the cost both of operation and of development work which was done in connection with operation.

**Wages.**—The amount shown as wages includes only the compensation of regular wage earners hired by the day, week, or month, or under the piecework system.

**Supplies and materials.**—This item includes the cost of lumber and timber used for repairs, mine supports, track ties, etc.; iron and steel for blacksmithing; rails, frogs, sleepers, etc., for tracks and repairs; renewals of tools and machinery and materials for repairs; and supplies, explosives, oil, etc., as well as the cost of fuel and the rent of power. The schedule called only for the cost of such supplies and materials as had been used during the year covered by the report. Accurate figures, however, could be furnished only in those cases where the operators kept an account of supplies and materials used, or had an inventory made of all in stock at the beginning and at the end of the year. Such a system of accounting is far from general among mine operators, and there is reason to believe that in many cases the reported cost of supplies and materials covered all purchased during the year rather than those used during the year. The crude product of some operators was purchased by others for further dressing or refining; the cost of such materials is shown separately in the general table.

**Capital.**—The census schedule required every operator to state the total amount of capital invested in the enterprise on the last day of the business year reported, as shown by his books. There is, however, a great diversity in the methods of bookkeeping in use by different operators. As a result, the statistics for capital lack uniformity. Some of the figures reported apparently represent capital stock at face value; others include large investments in mineral lands which are not at present being actively mined, but are held in reserve; still others may include expenditures for unproductive mining ventures in no way related to the operations carried on during the census year.

**Persons engaged in mining industries.**—The statistics of the number of operators and officials, clerks, and wage earners, are based on the returns for December 15, or the nearest representative day. The reported number of wage earners includes overseers and foremen performing work similar to that of the men over whom they have charge; those whose duties are wholly supervisory are classed as superintendents and managers. Because of the common practice of shutting down mines at frequent intervals, it is impossible to ascertain with any satisfactory degree of accuracy the average number of employees—that is, the number who, if continuously employed, would be required to produce the actual output of the year.

**Value of products.**—Statistics of the value of mineral products were obtained by the Bureau of the Census in cooperation with the United States Geological Survey, but the two bureaus follow different methods in presenting these statistics. The Geological Survey shows separately the value of each mineral product, whereas the Bureau of the Census presents the value of products of each mining industry. The value of products given for a mining industry often includes the value of some products not covered by the industry designation. The crude product of metalliferous mines may include varying combinations of metals, such as gold, silver, copper, lead, zinc, and iron. Similarly, the total value of all products of the granite quarries is not identical with the value of the total output of granite, but may include the value of some marble or other stone quarried in connection with the principal product.

The value of products for 1909 in most cases represents the value of the products marketed during that year, not the value of those mined during that year.

## MINING IN CALIFORNIA.

**Summary.**—Statistics for all mining enterprises in the state of California, including smelters, concentrating mills, and cyaniding plants operated in connection with gold and silver and copper mines, are presented in Table 8. This table gives statistics for all industries combined and for producing enterprises separately in all cases where the statistics could be given without disclosing the operations of an individual enterprise. Statistics for the most important nonproducing enterprises are also given separately.

The gross output of all mining industries in California in 1909 was valued at \$63,382,454. Deducting from this amount, \$2,762,660, the value of the gold and silver and copper ore sold by some establishments and used as materials by others, and the natural gas sold by some producers to others who sold it again, leaves \$60,619,794 as the net value of the products. Of this amount, petroleum and natural gas contributed \$29,306,185, or almost one-half. Gold and silver mining, the industry second in importance, reported products valued at \$18,324,618, of which amount, \$9,573,586 was produced at deep mines, and \$8,751,032 at placer mines. The next industry in importance was the production of copper, the net value of which amounted to \$7,463,233. California ranked fifth among the states in the total net value of all mineral products, second in the value of petroleum and natural gas, and second and fifth, respectively, in the value of gold and silver and copper produced.

In the operation of gypsum mines the expenses of operation and development exceeded the value of the products. This was due in part to unprofitable mining ventures and in part to expenditures for development work which added to the permanent value of the mining properties.

**Character of organization.**—Table 1 classifies the producing mining operations of the state under form of organization, distinguishing corporations from individual owners and firms, while Table 2 gives further details for incorporated enterprises distinguished from those which are unincorporated. Out of a total of 1,329 operators for all industries combined, 587, or 44.2 per cent, were corporations. These corporations reported 91 per cent of the total value of products and employed 85 per cent of all wage earners. In the petroleum and natural gas industry 95.7 per cent of the value of products was reported by corporations.

Table 1

INDUSTRY AND CHARACTER OF ORGANIZATION.	Number of operators.	Number of wage earners.	PRODUCING ENTERPRISES: 1909				
			Value of products.		Per cent distribution.		
			Total.	Per operator.	Operators.	Wage earners.	Value of products.
<b>All industries</b> .....	1,329	23,358	\$63,382,454	\$47,692	100.0	100.0	100.0
Individual.....	354	1,432	2,514,085	6,907	27.4	6.1	4.0
Firm.....	371	1,992	3,127,978	8,431	27.9	8.5	4.9
Corporation.....	587	19,822	57,651,471	98,213	44.4	85.0	91.0
Other.....	7	82	59,241	12,749	0.5	0.4	0.1
<b>Petroleum and natural gas</b> .....	333	7,907	29,310,335	86,461	100.0	100.0	100.0
Individual.....	49	166	943,566	19,236	14.5	2.4	3.2
Firm.....	26	66	300,359	11,675	7.7	0.9	1.0
Corporation.....	254	6,775	28,066,210	106,900	77.9	96.7	95.7
<b>Gold and silver. Deep mines</b> .....	335	6,622	9,850,956	24,534	100.0	100.0	100.0
Individual.....	103	531	616,678	5,987	28.1	8.0	6.4
Firm.....	132	897	1,072,533	7,056	38.6	13.5	11.1
Corporation.....	136	5,146	7,976,255	58,649	34.4	77.7	82.3
Other.....	4	48	25,492	6,573	1.0	0.7	0.3
<b>Placer gold</b> .....	332	3,073	3,751,032	22,328	100.0	100.0	100.0
Individual.....	148	306	326,837	3,593	37.8	11.9	6.0
Firm.....	161	322	338,870	3,347	41.1	17.0	6.2
Corporation.....	83	2,185	7,685,325	92,594	21.2	71.1	87.8

Table 2

	Incorporated.	Unincorporated.
Number of operators.....	587	742
Number of mines and quarries.....	463	816
Number of wells.....	3,777	539
Proprietors and firm members, total.....		1,799
Number performing manual labor.....		856
Salaries employees.....		
Officers of corporations.....	370	
Superintendents and managers.....	684	74
Clerks and other salaried employees.....	879	55
Wage earners, Dec. 15, 1909, or nearest representative day.....	19,832	3,506
Capital.....	\$236,335,964	\$17,041,568
Expenses of operation and development.....	47,564,683	5,000,595
Salaries—		
Officers of corporations.....	675,183	
Superintendents and managers.....	1,556,724	148,386
Clerks and other salaried employees.....	731,900	50,592
Wages.....	16,889,888	2,346,554
Royalties and rent of mines.....	2,299,982	614,277
Taxes.....	598,834	68,112
Supplies and miscellaneous expenses.....	22,929,662	1,463,590
Cost of ore purchased and of natural gas purchased and resold.....	2,370,570	392,090
Value of products.....	57,651,197	5,731,257

**Size of enterprises.**—In Table 3 the producing mining enterprises are classified according to the number of wage earners employed per enterprise or operating unit. Of the 1,333 enterprises reported, only 44 employed over 100 wage earners each. These enterprises, however, reported 45 per cent of all wage earners. In the copper industry 7 enterprises, each of which employed over 100 wage earners, reported 85.4 per cent of the wage earners in that industry.

**Table 3**

INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	PRODUCING ENTERPRISES: 1909			
	Enterprises.		Wage earners.	
	Number.	Per cent distribution.	Number.	Per cent distribution.
<b>All industries</b> .....	<b>1,333</b>	<b>100.0</b>	<b>23,388</b>	<b>100.0</b>
No wage earners.....	179	13.4	4.1	0.0
Contract work and part-time employees.....	55	4.1	1.0	0.0
1 to 5.....	530	39.8	3,374	14.4
6 to 20.....	349	26.2	3,904	16.7
21 to 50.....	128	9.6	4,043	17.3
51 to 100.....	48	3.6	5,218	22.4
Over 100.....	44	3.3	10,519	45.0
<b>Petroleum and natural gas</b> .....	<b>342</b>	<b>100.0</b>	<b>7,907</b>	<b>100.0</b>
No wage earners.....	10	2.9	2.9	0.0
Contract work and part-time employees.....	50	14.6	1.0	0.0
1 to 5.....	98	28.7	304	3.8
6 to 20.....	132	38.6	1,479	18.6
21 to 50.....	31	9.1	969	12.3
51 to 100.....	9	2.6	886	11.2
Over 100.....	12	3.5	3,669	46.4
<b>Copper</b> .....	<b>14</b>	<b>100.0</b>	<b>2,510</b>	<b>100.0</b>
1 to 100.....	7	50.0	366	14.6
Over 100.....	7	50.0	2,144	85.4
<b>Gold and silver, Deep mines</b> .....	<b>395</b>	<b>100.0</b>	<b>6,822</b>	<b>100.0</b>
No wage earners.....	70	17.7	1.0	0.0
Contract work.....	2	0.5	0.0	0.0
1 to 5.....	162	41.0	414	6.0
6 to 20.....	98	24.8	967	14.2
21 to 50.....	46	11.6	1,362	20.0
51 to 100.....	13	3.3	1,040	15.3
Over 100.....	16	4.1	2,959	43.5
<b>Placer gold</b> .....	<b>392</b>	<b>100.0</b>	<b>3,973</b>	<b>100.0</b>
No wage earners.....	95	24.5	1.0	0.0
Contract work.....	1	0.3	0.0	0.0
1 to 5.....	107	27.3	458	11.5
6 to 20.....	71	18.1	774	19.5
21 to 50.....	18	4.6	638	16.1
Over 50.....	9	2.3	1,203	30.4

Persons employed in mining.—While the petroleum and natural gas industry ranks first among the mining enterprises when measured by the value of products, gold and silver holds the first place when measured by the number of persons employed, the total number employed in deep and placer mines aggregating 11,768, as compared with 8,081 engaged in the petroleum and natural gas industry. Of the total of 31,938 persons employed in all industries on December 15, 1909, or the nearest representative day, 26,978 were wage earners, 2,509 were salaried employees, and 2,451 were proprietors and firm members, of whom 1,145 performed manual labor in or about the mines.

Prevailing hours of labor.—In Table 4 all producing mines and quarries, except those employing no wage earners and those operated exclusively by contract work and part-time employees, have been classified according to the prevailing hours of labor in each enterprise or operating unit. Petroleum and natural

gas wells are not included in the table because the lack of regularity in the number of hours worked per day in a large number of enterprises rendered such classification impracticable. The table shows the percentage of the total number of enterprises falling in each group, and also a per cent distribution in which each enterprise has been given a weight according to the total number of wage earners employed December 15, 1909, or the nearest representative day. It should be borne in mind that this latter distribution does not show the exact proportion of the total number of wage earners working the specified number of hours per day, since, in some cases, a part of the employees worked a greater or less number of hours than those generally prevailing in the enterprise.

For all industries combined and for each of the principal industries a day of eight hours prevailed in over three-fourths of the enterprises weighted according to the number of wage earners.

**Table 4**

INDUSTRY AND HOURS PER DAY.	PRODUCING ENTERPRISES: 1909		
	Enterprises.		Per cent distribution of enterprises weighted according to number of wage earners.
	Number.	Per cent distribution.	
<b>All industries</b> .....	<b>820</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	603	73.5	79.9
9 hours.....	103	12.6	10.2
10 hours.....	109	13.3	9.5
11 hours.....	2	0.2	0.1
12 hours.....	3	0.4	0.1
<b>Copper</b> .....	<b>16</b>	<b>100.0</b>	<b>100.0</b>
8 hours.....	14	87.5	94.6
9 hours.....	2	12.5	5.4
<b>Gold and silver, Deep mines</b> .....	<b>323</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	293	90.7	97.0
9 hours.....	17	5.3	2.3
10 hours.....	12	3.7	0.7
12 hours.....	1	0.3	( <sup>1</sup> )
<b>Placer gold</b> .....	<b>295</b>	<b>100.0</b>	<b>100.0</b>
8 hours and under.....	201	68.1	77.5
9 hours.....	29	9.8	13.7
10 hours.....	63	21.4	8.3
11 hours.....	1	0.3	0.2
12 hours.....	1	0.3	0.2

<sup>1</sup> Exclusive of petroleum and natural gas.  
<sup>2</sup> Less than one-tenth of 1 per cent.

Engines and power.—As shown by Table 5, the aggregate horsepower employed in producing mining enterprises was 162,238, of which 118,986 was developed by engines and water wheels and motors owned by the operators using them, and 43,252 horsepower by

electric motors operated by purchased current. In the petroleum and natural gas industry 76,589 horsepower was employed, while in gold and silver (deep mines) 40,360 horsepower was employed.

In addition to the power used by the producing enterprises, 18,826 horsepower was employed by non-producing enterprises, making a total of 181,064 horsepower employed in all enterprises in the state.

Table 5

CHARACTER OF POWER.	PRODUCING ENTERPRISES: 1909											
	Total.	Petroleum and natural gas.	Copper.	Gold and silver, Deep mines.	Placer gold.	Granite.	Trap-rock.	Limestone.	Sandstone.	Quick-silver.	Gypsum.	All other.
<b>Primary power:</b>												
Aggregate horsepower.....	162,238	76,589	11,157	40,260	18,867	3,381	7,684	425	1,214	727	730	1,044
<b>Owned.....</b>	318,986	76,559	3,434	27,951	3,392	2,124	1,913	260	954	727	790	882
Steam engines—												
Number.....	3,022	2,712	19	160	28	49	23	2	14	8	3	5
Horsepower.....	73,159	36,638	3,390	7,103	800	1,781	1,012	50	954	487	750	182
Gas or gasoline engines—												
Number.....	1,118	930	1	104	12	17	15	4	.....	.....	6	28
Horsepower.....	24,353	19,921	44	1,957	279	311	898	210	.....	.....	123	40
Water wheels—												
Number.....	530	.....	.....	417	849	1	.....	.....	.....	.....	4	49
Horsepower.....	21,483	.....	.....	18,911	2,313	32	.....	.....	.....	.....	117	110
Electric motors operated by purchased current—												
Number.....	972	3	120	265	206	26	140	7	8	.....	.....	7
Horsepower.....	43,252	30	7,723	12,409	15,475	1,257	5,771	165	260	.....	.....	162
<b>Electric motors run by current generated by enterprises using:</b>												
Number.....	159	6	12	90	23	8	7	.....	.....	.....	9	1
Horsepower.....	4,829	109	145	3,395	623	310	60	.....	.....	.....	179	15

<sup>1</sup> Includes 61 water motors of 902 horsepower.

<sup>2</sup> Includes 49 water motors of 805 horsepower.

<sup>3</sup> Includes 4 water motors of 12 horsepower.

<sup>4</sup> Includes 8 water motors of 85 horsepower.

**Nonproducing enterprises.**—Table 6 presents statistics comparing producing and nonproducing enterprises. In the latter are included the enterprises which were still in the development stage as well as those which were productive in the past but whose operations in 1909 were confined to the maintenance of the property or to development work with a view to renewing production. Out of a total of 2,021 operators, 692, or 34.2 per cent, were of this class, and the capital invested by them represented 11 per cent of the total capital invested in all mining enterprises. The principal industries in which the nonproducing activities occurred were in the production of gold and silver and petroleum and natural gas. Of the \$31,260,935 of capital invested in all nonproducing enterprises, \$18,100,862 was invested in gold and silver mines, of which \$15,954,784 represented the investment in deep mines and \$2,146,078 the investment in placer mines. Thus of the total investment in non-producing enterprises, 57.9 per cent was invested in the two types of gold and silver mines. Petroleum and natural gas, the industry next in importance in this group, reported a capital investment of \$11,904,813.

Table 6

	All enterprises.	Producing enterprises.	NONPRODUCING ENTERPRISES.	
			Number or amount.	Per cent of total.
Number of operators.....	2,021	1,329	692	34.2
Number of mines, quarries, and wells.....	6,510	5,585	915	14.1
Persons engaged in industry.....	31,938	27,219	4,719	14.8
Proprietors and firm members, total.....	2,451	1,799	652	26.6
Number performing manual labor.....	1,145	856	289	25.2
Salaried employees.....	2,509	2,062	447	17.8
Wage earners, Dec. 15, 1909, or nearest representative day.....	26,978	23,358	3,620	13.4
Above ground.....	18,381	16,287	2,094	11.4
Below ground.....	8,597	7,071	1,526	17.8
Engineers, firemen, mechanics, etc.....	8,660	7,458	1,202	13.9
Miners, miners' helpers, quarrymen, and stonecutters.....	11,962	10,107	1,855	15.5
All other employees.....	6,356	5,703	653	8.9
Land controlled, acres.....	1,062,596	827,285	235,311	22.1
Primary horsepower.....	181,064	162,238	18,826	10.4
Capital.....	\$34,838,487	\$23,577,552	\$11,260,935	11.0
Expenses of operation and development.....	\$1,251,185	\$2,365,278	\$8,665,907	11.2
Services.....	\$4,531,641	\$2,048,221	\$2,513,420	10.2
Salaries.....	3,378,805	2,968,779	410,026	12.1
Supplies, including fuel and rent of power.....	29,830,100	24,327,965	5,502,135	18.4
Contract work.....	783,973	566,130	218,843	24.1
Rent of offices and other sundry expenses.....	6,165,471	5,623,972	481,499	7.9

The total expenditure during the year by nonproducing mines was \$8,685,907, or 14.2 per cent of the total expenditures by all mines and quarries. Of the total number of wage earners employed, 13.4 per cent were employed in these nonproducing enterprises. This, however, does not represent the total number of persons engaged in such industries, since persons employed in prospecting are omitted from the statistics.

**Comparison of mining industries: 1902-1909.**—In order to make comparisons between 1909 and 1902 it is necessary to omit from the 1902 figures, as given in the mines and quarries report for that year, statistics for the production of cement and enterprises operated by governmental institutions; to omit from the 1909 figures, as they appear in other tables in this chapter, statistics for the operation of copper smelters; and to add to the 1909 statistics, figures for the production of lime, which were omitted from the census of mines and quarries in 1909. Such items as are comparable for the two years are presented in Table 7.

The greater part of the increase in the value of products in California was due to the increased production of petroleum and natural gas, the value of which

increased from less than \$5,000,000 in 1902 to over \$29,000,000 in 1909.

Table 7

	PRODUCING ENTERPRISES.		
	1909	1902	Per cent of increase. <sup>1</sup>
Wages and salaries.....	\$21,430,590	\$12,842,486	66.9
Supplies and materials.....	\$20,863,053	\$5,533,455	269.8
Royalties and rent of mines.....	\$2,814,920	\$683,982	310.3
Contract work.....	\$496,578	\$520,894	-4.7
Value of products.....	\$59,012,946	\$28,811,307	108.3
Primary horsepower.....	155,115	69,532	123.1

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Exclusive of amount paid to miners compensated by a share of the product and also of the wages of part-time employees for the petroleum and natural gas industry, which are included under "Contract work," in Table 8.

**Duplication between manufactures and mining.**—In a number of industries some of the operators subjected the products obtained to certain manufacturing processes on the premises before marketing. These enterprises have been included in the statistics both for manufactures and for mining. As a result of this fact the combined value of products for the manufacturing and mining industries in California involves a duplication of \$9,317,878.

Table 8	Aggregate.	PRODUCING MINES, QUARRIES, AND WELLS.								
		Total.	Petroleum and natural gas.	Copper.	Gold and silver, Deep mines.	Flacer gold.	Granite.	Traprock.	Limestone.	
1	Number of operators.....	2,621	1,379	339	9	395	392	62	43	11
2	Number of mines, quarries, and wells.....	6,510	5,595	4,216	16	581	435	71	59	15
3	Capital.....	\$284,838,487	\$253,577,552	\$144,176,437	\$15,082,993	\$38,104,983	\$10,698,628	\$1,756,610	\$2,415,931	\$424,327
4	Expenses of operation and development. Services.....	\$61,251,185	\$52,565,278	\$25,210,087	\$7,749,834	\$9,467,244	\$5,608,585	\$1,225,519	\$1,317,489	\$306,479
5	Salaried officers of corporations, superintendents, and managers.....	\$2,551,869	\$2,177,267	\$952,269	\$123,322	\$441,471	\$268,719	\$63,654	\$97,554	\$20,589
6	Clerks and other salaried employees.....	\$826,896	\$791,492	\$353,526	\$99,079	\$102,723	\$50,192	\$16,922	\$32,526	\$4,605
7	Wage earners.....	\$31,192,836	\$19,849,452	\$6,727,827	\$2,398,914	\$5,135,353	\$2,120,827	\$917,533	\$108,388	\$16,432
8	Miscellaneous—									
9	Supplies.....	\$24,463,460	\$18,759,652	\$12,539,529	\$1,225,638	\$2,392,615	\$1,991,334	\$110,740	\$252,905	\$65,162
10	Cost of ore purchased and natural gas purchased and resold.....	\$2,522,660	\$2,762,660	\$4,150	\$2,641,140	\$17,370				
11	Fuel and rent of power.....	\$3,013,971	\$2,775,643	\$126,706	\$1,085,253	\$799,869	\$541,091	\$45,346	\$77,350	\$9,331
12	Royalties and rent of mines.....	\$2,588,061	\$2,514,259	\$2,460,983	\$29,212	\$84,791	\$123,595	\$22,538	\$75,561	\$3,732
13	Taxes.....	\$26,456	\$276,946	\$48,603	\$122,656	\$91,009	\$9,158	\$7,115	\$1,301	
14	Contract work.....	\$478,973	\$498,130	\$272,633		\$99,442	\$74,423	\$14,642	\$24,641	
15	Rent of office and other sundry expenses.....	\$2,630,954	\$1,232,767	\$1,502,314	\$68,353	\$280,574	\$548,225	\$39,626	\$162,528	\$11,386
16	Value of products.....	\$63,382,454	\$63,382,454	\$29,310,335	\$10,104,373	\$9,680,956	\$8,751,032	\$1,518,916	\$1,404,401	\$368,486
17	Persons engaged in industry.....	\$1,928	\$2,219	8,051	2,635	7,896	3,772	1,445	1,417	285
18	Proprietors and officials.....	\$3,934	\$2,927	651	33	1,173	721	104	90	19
19	Proprietors and firm members.....	2,451	1,799	113		949	589	65	22	6
20	Number performing manual labor.....	1,145	856	13		357	421	50	2	3
21	Salaried officers of corporations.....	4,484	3,370	193	30	57	35	16	29	5
22	Superintendents and managers.....	\$999	\$99	107	23	107	78	23	25	2
23	Clerks and other salaried employees.....	\$914	423	182	92	101	78	23	65	22
24	Wage earners, Dec. 15, 1909, or nearest representative day.....	26,978	23,358	7,007	2,510	6,022	3,073	1,318	1,262	244
25	Above ground.....	18,381	16,287	7,007	2,203	1,842	2,494	1,318	1,262	244
26	Below ground.....	8,597	7,071	1,307	1,307	4,780	579			
27	Men 16 years of age and over.....	26,970	23,350	7,006	2,509	6,012	3,073	1,316	1,262	244
28	Engineers, firemen, mechanics, etc.....	8,600	7,458	5,049	325	1,045	596	147	137	15
29	Above ground.....	8,391	7,238	5,049	234	955	567	147	137	15
30	Below ground.....	209	220	91		90	29			
31	Miners, miners' helpers, quarrymen, and stonecutters.....	11,962	10,107	1,172	4,779	1,097	956	966	966	192
32	Above ground.....	4,286	3,888	188	141	1,153	956	966	966	192
33	Below ground.....	7,676	6,229	1,154	4,138	544				
34	All other employees.....	6,548	5,745	1,957	1,013	1,293	780	213	109	37
35	Above ground.....	5,698	5,145	1,957	951	743	774	213	150	37
36	Below ground.....	650	640	62		350	5			
37	Boys under 16 years of age.....	8	8	1		5		2		
38	Number of wage earners employed on the 15th day of each month:									
39	January.....	20,997	19,077	5,657	2,150	5,321	2,403	1,159	1,023	256
40	February.....	20,397	18,974	5,558	2,219	5,256	2,407	1,102	1,090	245
41	March.....	21,154	19,583	5,610	2,296	5,434	2,337	1,164	1,133	214
42	April.....	20,690	19,090	6,122	2,266	5,403	2,352	1,124	1,387	217
43	May.....	22,409	20,558	6,169	2,243	5,326	2,344	1,097	1,445	235
44	June.....	22,401	20,458	5,992	2,255	5,688	2,534	1,164	1,411	229
45	July.....	23,133	20,957	6,261	2,459	5,697	2,558	1,181	1,326	249
46	August.....	23,271	20,898	6,237	2,517	5,610	2,487	1,244	1,308	273
47	September.....	23,683	21,501	6,471	2,635	5,720	2,444	1,378	1,271	261
48	October.....	24,030	21,427	6,714	2,678	5,631	2,501	1,229	1,249	248
49	November.....	23,812	21,192	6,796	2,675	5,447	2,482	1,189	1,305	247
50	December.....	24,155	21,516	6,671	2,481	5,633	2,526	1,284	1,218	242
51	Land controlled, acres.....	1,062,956	827,285	455,444	9,957	106,795	123,158	7,743	6,955	1,751
52	Owned.....	598,234	427,112	107,074	9,877	97,919	108,741	7,062	2,389	1,454
53	Held under lease.....	474,362	400,173	348,370	80	11,776	14,417	681	4,566	297
54	Mineral and oil land.....	990,885	765,805	455,444	9,877	98,302	116,251	7,400	4,937	1,666
55	Owned.....	521,923	370,667	107,074	6,737	88,043	104,094	6,719	1,544	1,454
56	Held under lease.....	468,962	395,138	348,370	80	10,259	12,157	681	3,393	212
57	Timber land.....	13,365	12,545			6,702	709	73		
58	Other land.....	58,406	48,935		3,140	3,791	6,207	270	2,618	85
59	Primary horsepower.....	181,064	162,238	76,589	11,157	40,380	18,867	3,381	7,664	425

<sup>1</sup> Includes operators as follows: Asphalt and bituminous rock, 2; bituminous coal, 2; borax, 2; feldspar, 1; fuller's earth, 1; infusorial earth, 2; mineral pigments, 2; pyrite, 1; slate, 1; talc and soapstone, 1.

<sup>2</sup> Includes operators as follows: Asbestos, 1; bituminous coal, 1; borax, 1; clay, 2; feldspar, 1; graphite, 1; gypsum, 3; infusorial earth, 1; limestone, 1; lithium, 1; magnesite, 1; manganese, 1; marble, 3; mineral pigments, 1; molybdenum, 2; precious stones, 4; tungsten, 2.

<sup>3</sup> Includes \$2,367,793 which could not be distributed among the several industries.

STATISTICS OF MINES AND QUARRIES.

721

MINING INDUSTRIES: 1909.

PRODUCING MINES, QUARRIES, AND WELLS—continued.											NONPRODUCING MINES, QUARRIES, AND WELLS.					
Sandstone.	Marble.	Quick-silver.	Tungsten.	Precious stones.	Gypsum.	Clay (sold as such).	Magnesite.	All other. <sup>1</sup>	Total.	Gold and silver, Deep mines.	Placer gold.	Petroleum and natural gas.	Quick-silver.	All other. <sup>1</sup>		
1	19	6	10	3	7	5	7	6	692	397	85	168	15	27		
2	20	10	3	9	8	13	8	16	915	709	115	24	25	42		
3	\$181,226	\$514,216	\$2,594,630	\$134,928	\$251,919	\$32,968	\$178,500	\$89,016	\$4,272,977	\$31,266,953	\$15,954,784	\$2,146,078	\$11,904,818	\$846,900	\$405,360	
4	\$263,351	\$54,514	\$558,185	\$114,065	\$68,129	\$118,847	\$56,114	\$62,444	\$357,623	\$5,685,807	\$1,947,920	\$335,843	\$5,244,428	\$88,671	\$67,845	
5	\$12,644	\$2,700	\$49,316	\$9,301	\$6,700	\$12,800	\$7,080	\$5,358	\$26,450	\$374,582	\$186,792	\$35,286	\$134,557	\$7,050	\$10,897	
6	\$5,342		\$7,840		\$5,897	\$125	\$2,105	\$12,136	\$35,444	\$10,749	\$775	\$22,423	\$900	\$600		
7	\$185,285	\$27,996	\$339,475	\$71,201	\$41,170	\$41,827	\$29,408	\$32,479	\$189,185	\$2,103,594	\$997,596	\$164,809	\$844,707	\$63,354	\$32,928	
8	\$63,046	\$15,810	\$91,753	\$21,010	\$16,986	\$16,997	\$11,608	\$6,282	\$65,817	\$5,263,817	\$478,110	\$105,008	\$4,659,533	\$9,292	\$11,874	
9																
10	\$14,874	\$702	\$50,465	\$3,951		\$13,896	\$5,974	\$7,556	\$27,743	\$238,328	\$61,136	\$6,154	\$168,675	\$1,970	\$393	
11	\$3,910		\$5,298			\$1,917	\$279	\$253	\$200	\$33,862	\$4,813	\$1,060	\$27,889			
12	\$3,158	\$969	\$6,413	\$124	\$328	\$858	\$504	\$252	\$7,856	\$49,510	\$19,007	\$2,888	\$24,088	\$2,920	\$607	
13	\$450		\$9,878			\$12,723	\$250		\$7,113	\$188,843	\$38,972	\$1,812	\$127,044		\$1,015	
14	\$4,642	\$6,737	\$25,155	\$8,478	\$5,056	\$11,952	\$6,020	\$8,179	\$29,822	\$130,748	\$15,111	\$35,512	\$4,185	\$9,631		
15	\$289,579	\$89,467	\$728,086	\$181,755	\$110,339	\$103,845	\$74,404	\$88,463	\$578,968							
16	348	36	492	72	34	100	46	84	470	2,534	521	1,411	122	131		
17	25	11	12	9	11	7	8	3	1,007	623	111	116	39	39		
18	15	9	3	8	3	5	3	2	652	470	98	46	8	30		
19	12	2	4	4	3	4	2	3	289	183	74	16	6	10		
20		6		3	2	1	2	6	1	43	11	51	4	5		
21	7	2	12	4	6	6	1	3	7	241	110	22	101	4		
22	5				7	2		13	82	25	4			1		
23	330	25	462	60	25	82	39	74	235	3,630	1,880	386	1,162	105	91	
24	330	25	219	22	16	82	39	57	127	2,694	593	224	1,152	49	76	
25			243	38	9			17	388	1,293	163		56	15		
26	320	25	462	60	25	82	39	74	235	3,630	1,880	386	1,162	105	91	
27	18	1	56	4		24		7	94	1,202	287	57	837	13	8	
28	18	1	54	4		24		7	1,153	246	50	837	13	8		
29			2					8	49	41	7			1		
30	270	15	280	40	24	21	34	33	128	1,855	1,413	292		77	73	
31	270	15	61	2	15	21	34	16	388	171	137		21	59		
32			219	38	9			17	1,467	1,242	155		56	14		
33	92	9	126	16	1	37	5	34	563	186	67		315	10		
34	32	9	104	16	1	37	5	34	73	553	176	37	315	15	10	
35			22						10							
36																
37	169	34	438	61	51	54	37	50	214	1,520	871	123	445	44	37	
38	180	35	429	62	57	55	36	39	213	1,533	835	128	447	42	34	
39	169	45	419	60	51	41	38	42	219	1,471	827	128	413	43	31	
40	326	43	413	60	35	63	36	40	223	1,704	917	138	571	47	31	
41	335	47	441	58	26	64	34	44	214	1,831	968	114	609	45	35	
42	299	42	423	61	34	51	37	52	216	1,943	213	628	400	37		
43	271	37	429	57	34	55	40	65	228	2,176	1,073	299	671	51	52	
44	284	25	432	54	35	52	38	54	286	2,373	1,594	227	722	90	65	
45	295	24	427	56	28	56	75	64	282	2,482	1,238	400	772	93	59	
46	311	23	392	42	20	74	36	52	217	2,612	1,317	276	800	98	61	
47	235	19	411	59	22	68	37	51	217	2,650	1,313	293	970	104	62	
48	235	21	431	58	25	69	34	51	227	2,639	1,227	226	1,025	104	57	
49	3,482	1,464	21,701	1,160	1,138	18,000	1,264	2,368	62,994	236,311	58,014	38,471	102,281	8,129	26,216	
50	1,372	1,264	18,061	1,100	1,138	4,200	1,268	1,669	62,774	101,122	49,364	32,213	51,750	7,769	26,026	
51	2,120	100	3,040			13,800	6	800	120	74,189	8,650	7,468	51,531	360	6,190	
52	2,082	1,304	13,456	1,160	1,138	18,000	1,264	2,368	23,678	225,080	55,433	38,663	105,281	1,749	25,656	
53	562	1,204	10,416	1,160	1,138	4,200	1,268	1,606	33,588	151,256	46,808	31,203	51,750	1,749	19,746	
54	2,120	100	3,040			13,800	6	800	120	73,824	8,645	7,468	51,531	360	6,190	
55		19	5,470						750	400					864	
56	810	160	3,175					63	29,216	9,471	2,161	1,010		6,020	280	
57	1,214	144	727	79		790	50	126	645	18,828	9,660	2,458	6,417	120	71	

<sup>1</sup> In some cases the same operator conducted two or more enterprises producing different kinds of products, all enterprises being managed through one central administrative office. The total office expenses were accordingly apportioned among the several industries in proportion to the total expenses of each and the estimated amounts of such administrative expenses were added to "Sundry expenses" for each industry. In the totals for all enterprises, however, the expense apportioned under the proper headings. The amounts included in "Cost of offices and other auxiliary expenses" for individual industries and property distributed in the total for all industries are as follows: Salaried officers of corporations, superintendents, and managers, \$77,100; clerks and other salaried employees, \$97,574; and contract work, \$80,924.

<sup>2</sup> The following numbers of persons, which could not be distributed among the several industries, are included under the proper headings in the totals for all enterprises: Aggregates, 10; salaried officers of corporations, 4; superintendents and managers, 8; and clerks and other salaried employees, 94.

<sup>3</sup> In the gold and silver (deep mines) industry, 2 boys were employed below ground.





## AGRICULTURE.

SUBJECT.	STATISTICS FOR—			SUBJECT.	STATISTICS FOR—		
	United States.	Divisions.	Status.		United States.	Divisions.	Status.
Acreage, average per farm . . . . .	265, 281-283	398, 398	280	Ginseng . . . . .	408	408	408
— size of farms, classification . . . . .	423	423	423	Gosots and kids, on farms . . . . .	330, 331	331	332
— total . . . . .	303, 306	306	306	— on farms and not on farms . . . . .	340	340	340
— in total in farms . . . . .	265-269, 281-283	269, 283	269	— not on farms . . . . .	338	338	338
— white and colored farmers in the South. See p. 301.				Gooseberries . . . . .	409	409	410
Alfalfa . . . . .	398	398	398	Grains, cut green . . . . .	398	398	398
— irrigated acreage . . . . .	430, 431	435	435	— irrigated acreage . . . . .	411	411	415
Alfalfa seed . . . . .	416	411	411	Grapefruit . . . . .	415	415	415
Almonds . . . . .	411	411	411	Grapes . . . . .	434	434	414
Apples . . . . .	414	414	414	Guavas . . . . .	416	416	416
Apricots . . . . .	320, 322	321, 322	322	Guinea fowls. See Poultry.			
Asses and burros, on farms . . . . .	416	416	416	Hay and forage . . . . .	396-398	397, 398	397
— on farms and not on farms . . . . .	338	338	338	— sales of . . . . .	371	371	371
Austria, farmers born in . . . . .	298	298	298	Hemp . . . . .	438	438	438
Avocado pears . . . . .	416	416	416	Heron seed . . . . .	395	395	396
Bananas . . . . .	376, 386	386	386	Honey and wax . . . . .	356	356	356
— irrigated acreage . . . . .	371	371	371	Hops . . . . .	408	408	408
— sales of . . . . .	392	392	392	— on farms and not on farms . . . . .	320-322	321, 322	322
Beans, dry edible . . . . .	312	312	312	— not on farms . . . . .	340	340	340
Bees . . . . .	336, 337	336, 337	312, 336	Hungarian grass . . . . .	398	398	398
Blackberries and dewberries . . . . .	409	409	410	Hungary, farmers born in . . . . .	298	298	298
Broom corn . . . . .	408	408	408	Implements and machinery . . . . .	277-284	277-284	277, 280
Broom-corn seed . . . . .	395	395	395	Improved land . . . . .	265, 266	269, 283	269
Buckwheat . . . . .	390	390	388	Indian farmers . . . . .	298	298	298
Buildings, value . . . . .	277, 280	277, 280	277, 280	Ireland, farmers born in . . . . .	298	298	298
Burros. See Asses and burros.				Irrigation . . . . .	423	423	423-425
Butter . . . . .	345-349	345-349	348, 349	Italy, farmers born in . . . . .	298	298	298
Butter fat . . . . .	347	347	347	Japanese farmers . . . . .	298	298	298
Cash tenants . . . . .	314-316	315, 316	316	— hair corn and male maize . . . . .	298	298	298
Cattle, on farms . . . . .	340	340	340	Kumquats . . . . .	415	415	415
— on farms and not on farms . . . . .	338	338	338	Labor on farms . . . . .	373, 374	373, 374	373
Cereals . . . . .	376, 377	377	377	Land and building . . . . .	265	265	269
Cheese . . . . .	345-349	345-349	347-349	Land area . . . . .	269, 261	269-269	269
Cherries . . . . .	413	413	413	Land in farms . . . . .	298	298	298
Chickens. See Poultry.				— classified by size of farms . . . . .	304	304	306
Chickory . . . . .	408	408	408	— tenure classes . . . . .	282	282	289
Chinese farmers . . . . .	408	408	408	Lemons . . . . .	415	415	415
Chufas . . . . .	415	415	415	Live stock . . . . .	265-284	265-284	280, 415
Chufa seed . . . . .	398	398	398	Loquats . . . . .	415	415	415
Citrus fruits . . . . .	398	398	398	Mandarins . . . . .	415	415	415
Clover . . . . .	398	398	398	Mangoes . . . . .	416	416	416
Clover seed . . . . .	395	395	395	Maple sugar and maple . . . . .	408	408	408
Coarse forage . . . . .	297	297	297	Milk . . . . .	398	398	398
Color and nativity of farmers . . . . .	297, 298	297, 298	297	Millet . . . . .	395	395	395
Colored farmers . . . . .	376, 379	379	379	Millet seed . . . . .	408	408	408
Corn . . . . .	378, 379	379	379	Mohair . . . . .	352	352	352
— irrigated acreage . . . . .	371	371	371	Mortgages . . . . .	293, 294	293, 294	294
— sales of . . . . .	408	408	408	Mules, asses, and burros, on farms . . . . .	320-322	320-322	322
Corntalks sold . . . . .	404	404	404	— on farms and not on farms . . . . .	340	340	340
Cotton . . . . .	404	404	404	— not on farms . . . . .	338	338	338
Cotton seed . . . . .	406	406	406	Mustard seed . . . . .	395	395	396
Cranberries . . . . .	410	410	410	Native white farmers . . . . .	297	297	297
Cream . . . . .	347	347	347	Negro farmers . . . . .	298	298	298
Crops, all crops . . . . .	360, 365	365	370	Netherlands, farmers born in . . . . .	298	298	298
— feedable, sales of . . . . .	429, 431	431	429	Norway, farmers born in . . . . .	298	298	298
— irrigated . . . . .	429, 431	431	429	Nursery products . . . . .	419	419	419
— sales of . . . . .	371	371	371	Nuts . . . . .	416	416	416
Currants . . . . .	409	409	410	Oats . . . . .	382, 383	382, 383	383
Dairy products . . . . .	345-347	345-347	347, 348	— irrigated acreage . . . . .	431	431	431
Dates . . . . .	416	416	416	— sales of . . . . .	371	371	371
Denmark, farmers born in . . . . .	422, 426	426	426	Olives . . . . .	416	416	416
Ditches for irrigation . . . . .	311, 312	312	312	Oranges . . . . .	415	415	415
Domestic animals, on farms . . . . .	340	340	340	Peanuts . . . . .	412	412	412
— on farms and not on farms . . . . .	338	338	338	Pears . . . . .	393	393	393
Domestic animals, poultry, and bees . . . . .	265, 277	277, 284	277	Pecans . . . . .	412	412	412
Domestic animals sold and slaughtered . . . . .	356	357	358	Pears, sweet . . . . .	393	393	393
Eggs . . . . .	353-355	353-355	355	Pecans, Persian or English walnuts . . . . .	416	416	416
Ducks. See Poultry.				Persimmons . . . . .	416	416	416
Emmer and spelt . . . . .	390	390	390	Pineapples . . . . .	416	416	416
England, farmers born in . . . . .	298	298	298	Pine and primer . . . . .	433	433	433
Farm mortgages . . . . .	294	294	294	Poland, farmers born in . . . . .	298	298	298
Farm property, value . . . . .	265, 276	276	276	Pomegranates . . . . .	416	416	416
Farmers, by race and nativity . . . . .	297, 298	297, 298	298	Pork . . . . .	399, 400	399, 400	400
Farms, average acreage . . . . .	265	265	265	— irrigated acreage . . . . .	431	431	431
— classified by size . . . . .	280-283	283	280	Poultry . . . . .	312	312	312
— irrigated . . . . .	303, 304	304	303	— 334-336, 334-336, 334-336	334-336	334-336	312, 336
— number . . . . .	423	423	423	— 353-355	353-355	353-355	
— tenure classes . . . . .	298	298	298	Production. See Individual crops and items of live stock products.			
Feed . . . . .	371	371	373	Pumping plants for irrigation . . . . .	422, 426	422	426
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Fertilizers . . . . .	372	372	373	Raspberries and loganberries . . . . .	409	409	410
Figs . . . . .	416	416	416	Reservoirs for irrigation . . . . .	422, 426	422	426
Flax seed . . . . .	394	394	394	Rice . . . . .	376, 391	391	391
Flower and vegetable seeds . . . . .	419	419	419	Rice irrigated . . . . .	432	432	432
Flowers and plants . . . . .	297	297	297	Road forage . . . . .	298	298	298
Foreign-born white farmers . . . . .	419	419	419	Rural population . . . . .	265, 268	268	268
Forest products of farms . . . . .	419	419	419	Russia, farmers born in . . . . .	298	298	298
France, farmers born in . . . . .	298	298	298	Rye . . . . .	376, 389	389	389
Fruit, orchard . . . . .	411	411	411	— irrigated acreage . . . . .	431	431	431
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Sorghum cane seed.....	408	408	408	Value. See individual crops and items of farm property.			
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Sugar cane.....	406	406	406	Sweden, farmers born in.....	356	356	356
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Swedes, farmers born in.....	298	298	298	Wheat.....	380, 381	380, 381	381
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