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SEVENTY-FIRST ANNUAL REPORT

OF

THE TRUSTEES

OF THE

WORCESTER INSANE HOSPITAL,

AND

TWENTY-SIXTH ANNUAL REPORT OF THE TRUSTEES

OF THE

WORCESTER INSANE ASYLUM AT WORCESTER,

FOR THE

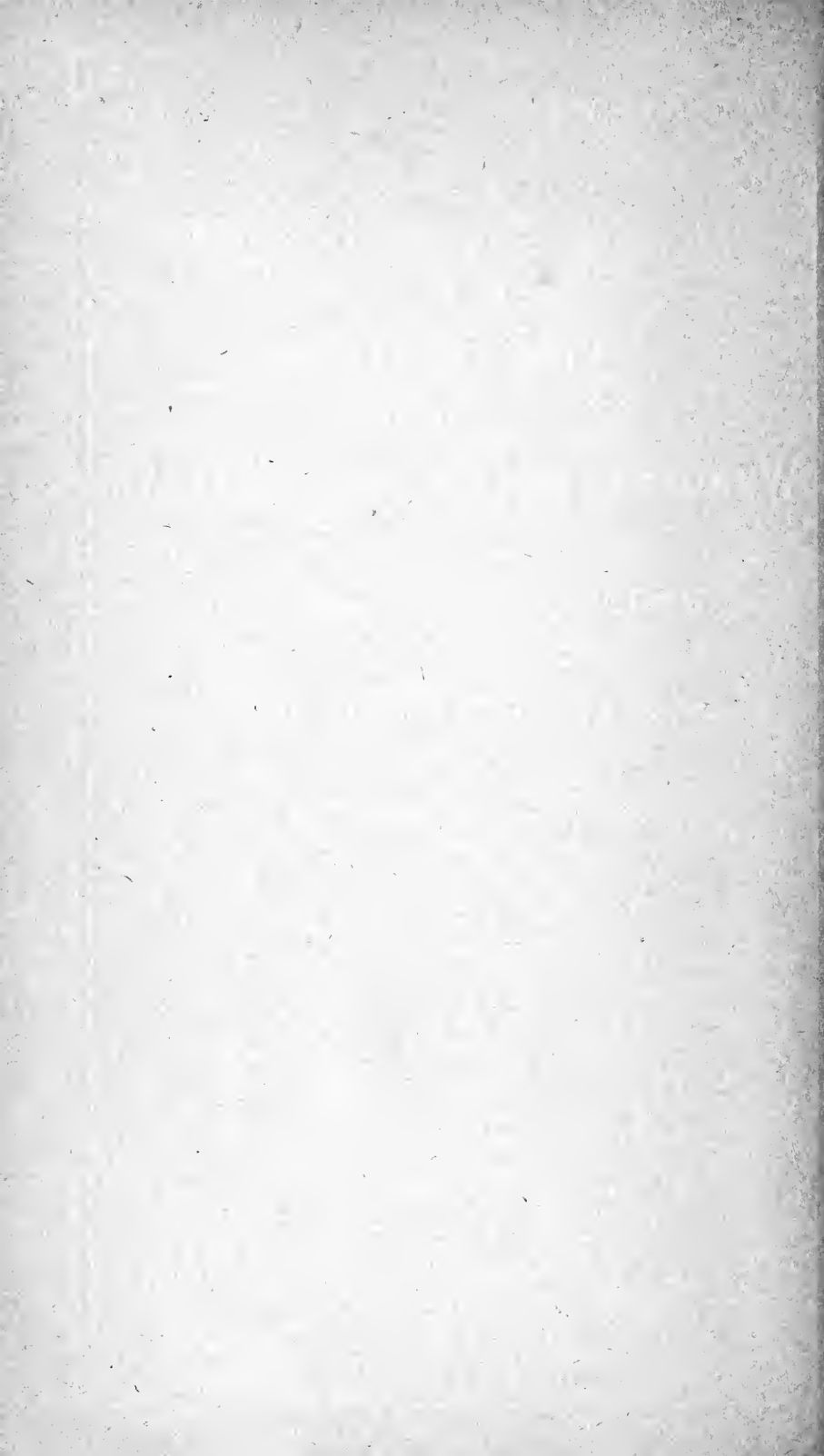
YEAR ENDING SEPTEMBER 30, 1903.



BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 Post Office Square.

1904.



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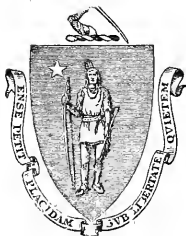
OF THE

WORCESTER INSANE ASYLUM AT WORCESTER,

FOR THE

YEAR ENDING SEPTEMBER 30, 1903.

Mass: Worcester State Hospital



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BOSTON:

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OFFICERS OF THE HOSPITAL.

TRUSTEES.

SARAH E. WHITIN,	WHITINSVILLE.
FRANCES M. LINCOLN,	WORCESTER.
SAMUEL B. WOODWARD,	WORCESTER.
LYMAN A. ELY,	WORCESTER.
PHILIP W. MOEN,	WORCESTER.
ROCKWOOD HOAR,	WORCESTER.
THOMAS RUSSELL,	BOSTON.

RESIDENT OFFICERS.

HOSEA M. QUINBY, M.D.,	<i>Superintendent.</i>
ALFRED I. NOBLE, M.D.,	<i>Assistant Superintendent.</i>
ISADOR H. CORIAT, M.D.,	<i>Assistant Physician.</i>
CORNELIA B. J. SCHORER, M.D.,	<i>Assistant Physician.</i>
HENRY S. CHAFFEE, M.D.,	<i>Assistant Physician.</i>
CHARLES T. FISHER, M.D.,	<i>Assistant Physician.</i>
THEODORE A. HOCH, M.D.,	<i>Assistant Physician and Pathologist.</i>
MELVIN J. ROWE, M.D.,	<i>Junior Assistant.</i>
GEORGE H. LYNCH, M.D.,	<i>Junior Assistant.</i>
JAMES H. TURNER, M.D.,	<i>Junior Assistant.</i>
LINDA RICHARDS,	<i>Superintendent of Nurses.</i>
HENRY R. CENTER,	<i>Steward.</i>
LILA J. GORDON,	<i>Matron.</i>
JOSEPH T. REYNOLDS,	<i>Farmer.</i>

NON-RESIDENT OFFICERS.

WILLIAM D. SPROAT.	<i>Druggist.</i>
ALBERT WOOD,	<i>Treasurer.</i>
GEORGE L. CLARK,	<i>Auditor.</i>
JESSIE M. D. HAMILTON,	<i>Clerk.</i>
JAMES DICKISON, JR.,	<i>Engineer.</i>

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Worcester Insane Hospital respectfully present their seventy-first annual report, including the reports of the superintendent and treasurer, with the required statistics. In the report of the superintendent will be found in detail the facts concerning the care and management of the institution. The trustees are unanimous in the opinion that the hospital has been most efficiently conducted, and they have only words of the highest respect and commendation for the officers in charge and their admirable services.

For the past year the average number of patients has been 1,125.10, — the largest perhaps in our history. The sixty-first annual report for 1893 gives as the average for that year 878.78, and states that that was the highest number yet reached. Each year now seems to yield an increase upon the average of the year preceding. Therefore the practical pressing problem is, how to expand in order to meet as we should the needs and demands of this rapidly growing family. The new infirmary wards care for about 100 of this increase. Nevertheless, as will be readily seen from the figures, we are still overcrowded. The new home for women nurses is nearly ready for occupancy, and when the nurses are located there, the rooms now occupied by them in the hospital will be available for patients, thus relieving the congestion in some degree. The home, which accommodates 58 nurses, is finely situated upon high ground. It runs north and south, facing the east with a beautiful outlook upon the lake and surrounding hills, and with the city and

sunset view in the rear. This environment makes every room well lighted, cheerful and desirable. This new building will add much to the comfort and convenience of the nurses, and, with its training school, under the very efficient instruction of Miss Richards, will be of inestimable benefit to all.

It gives the trustees much satisfaction to report a gradually increasing number of patients who are willing to work and who are employed in various ways outside of the wards, especially upon the farm. Patients thus occupied naturally enjoy greater freedom than those who decline to work, and occasionally one who is restless for change and impatient of all restraint escapes. Thus far, however, those who have escaped were patients well advanced on the road to recovery, harmless to themselves and to others.

The hospital is so open to inspection that all who are interested, whether the general public or the relatives of the patients, can be well informed as to the condition of the inmates, the care and attention they receive and the methods by which the institution is managed. Wednesdays and Fridays, from 10 A.M. to 4 P.M., are visiting days, when the wards are filled with friends of the patients, who have an opportunity to see them in their every-day life and routine. Meetings of the Board of Trustees are held each month, when accounts are audited and financial conditions examined, wards are visited, patients seen and listened to, bedding and clothing are inspected, food sampled and the mode of its preparation noted. Besides this, individual members of the Board make unexpected visits at odd times, both by day and night, when the regular work of the house can be carefully studied. Visits are also made in company with the officers of the hospital as they make the rounds Sunday mornings, when both patients and attendants are expected to present themselves in their best attire. At that time the rooms, the closets, the bedding, and in fact every corner of the house is thrown open for inspection. An intelligent interest by the outside public in the delicate and difficult work that is being done in this large and pitiful community would be a positive help and inspiration to those who are devoting themselves to its accomplishment.

The library is a constant source of diversion and entertain-

ment to many of the inmates. From 150 to 175 books are given out each week. The past year 160 volumes were added to our shelves. These books are selected with care and discretion, many of them only after a personal perusal by a competent judge.

As year by year the hospital grows towards completeness in its appointments and efficiency, the wisdom and foresight of the State in making liberal provisions for the care of the afflicted ones thrown upon its charity becomes more clear and praiseworthy. We are constantly reminded of the fact that what we have already makes something more necessary. The new opportunities make larger demands and require better service. To be just to the past we must be generous each year.

The various recommendations of the superintendent have been carefully considered by the trustees, and are each and all regarded as essential. Estimates of the probable cost of each have been obtained from persons of judgment and experience in such matters, and the amounts called for are believed to be fair and reasonable. The trustees would therefore respectfully ask that the following appropriations be made : —

For a pathological building and morgue,	\$10,000 00
Additions to laundry building,	3,000 00
New laundry machinery,	1,500 00
New piggery,	5,200 00
Replumbing and alterations in administration building,	6,000 00
Alterations and plumbing in ward dining rooms,	5,000 00
Home for 70 male nurses,	53,000 00

All these objects should receive immediate attention, but we mention the pathological building and morgue as requiring your special and prompt action. The trustees have watched with great interest the growth of the medical work of the hospital, and, encouraged by the marked success already obtained, believe that nothing should now be omitted which may promote its further advancement. They are unwilling to see it handicapped as it has been, through lack of facilities to carry on its proper work. The home for the male nurses will offer the same advantages as the home for the female attendants, and is greatly to be desired.

Commending the varied interests of this most important institution to the Legislature, that has never yet failed to make ample provision for its needs, we respectfully submit our report.

SARAH E. WHITIN,
FRANCES M. LINCOLN,
SAMUEL B. WOODWARD,
LYMAN A. ELY,
PHILIP W. MOEN,
ROCKWOOD HOAR,
THOMAS RUSSELL,

Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester Insane Hospital.

I herewith respectfully submit the following report of the hospital for the year ending Sept. 30, 1903, it being the seventy-first annual report.

There remained at the hospital Oct. 1, 1902, 1,116 patients, — 534 men and 582 women. During the year 624 patients — 357 men and 267 women — were admitted, 439 patients — 244 men and 267 women — were discharged, and 70 men and 47 women died, leaving at the end of the official year 1,184 patients, — 577 men and 607 women. Of this number, 375 were supported by the State, 634 by cities and towns and 175 by friends. Of the 439 persons discharged, 137, including 17 habitual drunkards, were reported recovered, 75 much improved, 57 improved and 165 not improved; 5 were discharged not insane. Sixty men and 52 women were transferred by the State Board of Insanity to the Worcester Insane Asylum, 4 men to Foxborough, 2 men to Taunton, 1 man to Medfield and 1 woman each to Tewksbury and Danvers. Twenty men and 13 women were removed from the State and 10 women boarded out.

There remained at the end of the year 32 more patients than at the beginning. The smallest number under treatment on any one day was 1,068, and the largest 1,212. The daily average number was 1,125.10.

The percentage of recoveries, calculated upon the number of discharges and deaths, was 22.84; calculated upon the number of admissions, it was 20.35.

The death rate was 6.7, calculated on the whole number of patients under treatment; and 10.4, calculated upon the daily average number. Thirty-nine patients died of general paralysis and 28 of senile or organic dementia. One woman committed suicide. She had been an inmate of the hospital for

several years, and at various times had parole about the grounds. She appeared uniformly cheerful, and, as far as her delusions would allow, contented; and there was nothing to indicate a suicidal tendency, or to call for anything beyond the usual care and watchfulness in her case.

The general health of the household has been exceptionally good through the year, there having been no case of infectious disease and no acute sickness worthy of note either among the patients or employees.

The nurses' home, begun in May, 1902, is now practically completed and will soon be occupied. It is located on the right and in front of the main building, just off the main driveway. It is built of stone from the hospital quarry, with brick trimmings, to conform architecturally with the other hospital buildings. It is three stories in height, with a high basement. It consists of a central building, 40 feet long by 46 feet wide; and two wings, 48 feet long by 37 feet wide, making the entire front 136 feet. On the first floor of the centre building, on either side of the main entrance, is the reception room and the office of the superintendent of nurses. Directly over these, on the second floor, is a class room 14 feet wide by 25 feet long; while in the rear, on each story, across a wide central corridor, are the toilet rooms. Here also is located the main staircase, which is enclosed in brick walls and shut off on each story by swing doors. Adjoining the staircase and in the same enclosure is an elevator shaft, also of brick. A room is provided in the second story for the cooking school, and one in the third story for the housekeeper. In the two wings, besides a linen closet on each floor and a staircase at either end, there are 53 single rooms, 9 feet 6 inches wide by 14 feet long, and three double rooms, for nurses. The building is to be lighted by electricity and heated by steam from our central heating plant, by the direct, single-pipe system.

Although exceedingly plain both in exterior and interior finish, it will be found, I think, well adapted for the purpose for which it was designed, and in every way serviceable. All of the rooms are bright and sunny, and all, both on front and rear, have a delightful outlook over the hospital grounds and the surrounding country.

The appropriation for erecting and furnishing this building was \$45,000, and it has been completed within this sum. All the work has been done in a most thorough manner, and credit is due to Messrs. Fuller and Delano, architects; Joseph G. Vaudreuil, general contractor; John P. Rydberg, contractor for the stone work; Bianchi Bros., contractors for the tile and marble work; George E. Brigham, for the electrical wiring; and Simon Norcross, of O. S. Kendall & Son, who planned and supervised the installation of the heating plant, — for the entirely satisfactory way in which they have each carried out their contracts. The excavating, the piping, the plumbing and the painting were done by the regular employees of the hospital, with the assistance of the patients, and all of the beds and bedding and much of the furniture was also made by them. This has materially delayed the completion of the work, but has resulted in the saving of several thousands of dollars to the State.

The addition in the rear of the executive building for our stenographers and typewriters, provision for which was made by the last Legislature, has been completed at something under the sum estimated and appropriated therefor.

The work on our electric light plant is being carried on as rapidly as possible. The addition to our boiler house is well under way, and will be completed before cold weather. Contracts for the boilers, engines and dynamos have been awarded, and they will all no doubt be ready for delivery as soon as the boiler house is completed and the necessary alterations made in our dynamo room. Plans for wiring the building are being made. This, however, will be a much less formidable and expensive undertaking than it otherwise would have been, had not provision already been made therefor in all of the more recent additions to the hospital.

I would again call attention to our need of a pathological building and morgue. We are greatly hampered in our work by the lack of such a building. For some years we have been trying to bring up the standard of the medical work of the institution and place it upon the same plane as that of the general hospital, and our efforts have, I am pleased to believe, met with no small degree of success. Not so very long ago it

was the complaint in regard to our insane hospitals that they were nothing but large boarding houses, and that little if anything was done towards the treatment and cure of the inmates. If this was ever true of any one of them, which I am unwilling to acknowledge, they can now, I am sure, fairly claim to have gotten beyond the boarding house stage, and to have become in reality hospitals, where each individual has a most thorough and painstaking investigation of his case, followed by such treatment as modern scientific methods suggest. As the result of changed methods, the whole medical atmosphere of the institution has changed, and as a consequence we are now able to attract a very superior class of young physicians as assistants. They no longer, as formerly, seek or hold their positions chiefly for the salary attached, but rather for the experience and training received. Relieved as they now are to a large extent from routine duties, they give, under efficient direction, their time and energy to the study of their patients, and have become very enthusiastic and painstaking in their work. Medical enthusiasm, however, in an insane hospital, where there is so much to claim a young person's attention in other directions, is a plant difficult to propagate, of slow growth, and quick to droop unless persistently and constantly cultivated and encouraged. To secure this result it is necessary that we should keep up with the times, and in order to do this we must have facilities for carrying on certain lines of work recognized as essential in every modern hospital. When our little laboratory was established, the only available place therefor was, unfortunately, in the administration building, under the general offices and reception rooms. Here the room is not only limited, but on account of location entirely unsuited for the work which it is necessary to carry out. We are obliged, for instance, to forego much in the way of examination of the various excreta, — examinations which are now regarded as absolutely necessary for purposes of exact diagnosis, — because of their offensive nature. This not only tends to the disadvantage of the patient, but it discourages that thoroughness on the part of the physician which it should be the aim of every one to cultivate. Several of our young men have shown a decided talent for original investigation, and it has been exceedingly unpleasant for the superintendent to say to such that the necessary means

for carrying on their investigations could not be furnished, or that they must be discontinued on account of their offensive nature. As to the morgue, which would naturally be provided for in the pathological building, I am sure that any one who will take the trouble to make himself familiar with the very disagreeable conditions under which we now labor in caring for the bodies of patients after death will readily concede that entirely different provisions must be made before this work can be done in a seemly way, without undue publicity, and without shocking the sensibilities of the living inmates of the house. The estimated cost for a building such as is needed for the above purposes is \$10,000.

With the increase in our population, our laundry work has so increased that our present wash room can no longer meet the demands made upon it, and I would recommend that an addition of 20 feet be built thereto, at an estimated cost of \$3,000. Two additional washers, a shaker out, a centrifugal wringer, a shirt and a body ironer should be provided.

Our piggery on Plantation Street is becoming more and more a source of complaint from our neighbors. For this reason, if for no other, we shall undoubtedly be forced to discontinue it in the near future. As there is no place upon the grounds suitable for it, and as it is much out of repair and needs immediate attention, I would recommend that a new piggery be built on our farm in Shrewsbury. The estimated cost of a building similar in size and construction to the present one is \$5,206.

The plumbing in the administration building has been in use since the institution was first opened, and is not only antiquated, worn out and beyond repair, but is not properly arranged for our present needs. It should be entirely renewed, and a toilet room for either sex be provided on each of four floors, and a ventilating and light shaft extended through the roof. This would necessitate the tearing out of several partitions, and would cost in the neighborhood of \$6,000.

The plumbing connected with the ward dining rooms should also be renewed, and certain alterations made in the dining rooms themselves. The cost of this work as contemplated would be \$5,000.

The completion of the nurses' home for the women only

emphasizes the need of a similar building for the male attendants. The necessity is equally as great in one case as in the other. The building should be constructed on much the same lines as the one just completed; but, in order to provide for the increased number which must soon be provided for, it should be large enough to accommodate 70 attendants, besides the necessary care takers. This would require an appropriation of \$53,000.

In estimating the cost of such a building, however, it is only proper to take into consideration the fact that for every attendant thus provided for, provision will thereby be made in the hospital for at least an equal number of patients, and that this will materially reduce the net cost to the State.

With the completion of our nurses' home a training school will at once be opened. As superintendent of nurses we have been fortunate in securing the services of Miss Linda Richards, whose success in organizing and carrying on such schools is well known to every one at all conversant with hospital work. She entered upon her duties here September 1.

As a part of our laboratory work through the year, interesting studies upon the chemistry of nerve degeneration in general paralysis and other mental disorders have been made by Dr. I. H. Coriat, and published in the "American Journal of Insanity," Vol. 59, No. 3, 1903. Other contributions will soon be ready for publication. This is a line of investigation in which but little has thus far been done, and one which promises valuable results in determining the causes underlying disorders of the brain.

For the first time in the long history of the hospital it becomes the sad duty of the superintendent to record the death of a medical officer of the institution. William Emmett Kornegay, M.D., junior assistant physician, died Sept. 18, 1903, from general septicæmia, following a slight surgical operation upon the nose.

The deceased was born near Goldsboro, in North Carolina, in 1877. He gained his primary education in the schools of that State, and entered the University of North Carolina, where he remained two years, when he entered the medical department of the University of Maryland, and graduated therefrom

in 1901. His work at the latter institution was of such character that at the end of his medical course he received the appointment of resident pathologist to the University Hospital, which he held for one year. Dr. Kornegay came to this hospital June 18, 1902. During his year and a quarter of service here he endeared himself to all by his cheerfulness and modesty, his uniform courtesy and his conscientious devotion to duty, while his attainments, his interest and enthusiasm in his work and his marked industry gave promise of a successful professional career, and emphasize the great loss which the hospital sustained in his death.

Dr. Henry A. Cotton, who served the hospital loyally and well one year as junior and over two years as senior assistant physician, resigned June 1, 1903, to accept a position at the Danvers Insane Hospital.

Dr. Theodore A. Hoch, who has been connected with the hospital since Oct. 1, 1900, first as junior and then as senior assistant, was appointed as pathologist and director of the laboratory June 1, 1903.

Dr. Henry S. Chaffee and Dr. Charles T. Fisher, having served one year or more as junior assistants, were promoted to senior assistant physicians in April and June respectively.

Dr. H. Walton Wood very satisfactorily completed his junior year in the service and resigned July 25, 1903, to receive an appointment at the Taunton Insane Hospital.

The current expenses, less the amount received from articles sold, have been \$227,751.16; dividing this by 1,125.1, the daily average number of patients, gives \$202.43 as the annual cost of support, which is equivalent to a weekly cost of \$3.89.

With 625 admissions during the year, many of them in the acute stage of insanity, the calls upon all departments of the hospital have often been exacting; but I am happy to report that with but few exceptions all the employees have proved equal to the task imposed upon them, and have shown a commendable zeal and devotion to their work, and to all such I am certainly much indebted.

H. M. QUINBY,
Superintendent.

PRODUCTS OF THE FARM

ON HAND OCT. 1, 1903, AND NOT DELIVERED AT THE HOSPITAL.

Apples, barrels,	1,000	Ensilage, tons,	400
Barley and oat fodder, tons,	50	Hay, tons,	300
Beans, Lima, bushels,	100	Hay, swale, tons,	5
Beets, bushels,	800	Lettuce, plants,	500
Cabbage, heads,	32,500	Onions, bushels,	800
Carrots, bushels,	800	Parsnips, bushels,	800
Cauliflower, heads,	400	Rowen, tons,	25
Celery, heads,	10,000	Squash, winter, pounds,	37,000
Cider, gallons,	4,000	Straw, rye, tons,	7
Corn, sweet, dozen,	1,200	Tomatoes, bushels,	300
Egg plants,	200	Turnips, bushels,	1,200

FARM ACCOUNT.

DR.	
Blacksmith,	\$322 22
Bread,	305 12
Butter,	743 56
Current expenses,	1,145 05
Fertilizer,	630 20
Fish,	181 79
Fuel,	1,068 05
Furniture,	3 60
Grain,	9,186 77
Groceries, etc.,	2,099 10
Harness, repairs, etc.,	122 18
Ice,	51 78
Lights,	275 75
Live stock: —	
Cows,	2,491 00
Horses,	662 50
Pigs,	106 00
<i>Amount carried forward,</i>	<i>\$19,394 67</i>

<i>Amount brought forward,</i>	\$19,394 67
Meats,	1,882 48
Milk,	554 80
Repairs,	1,904 13
Seeds,	253 09
Sugar,	328 03
Tools, machines, etc.,	378 24
Wages,	7,988 31
Wagons, repairs,	508 85
Water,	251 93
	<hr/>
	\$33,444 53
	CR.
Apples, No. 1, 301 barrels,	\$451 50
Apples, No. 2, 266 barrels,	311 25
Apples, crab, 3½ bushels,	3 50
Asparagus, 174 bunches,	22 78
Beans, Lima, 50 bushels,	65 44
Beans, shell, 78 bushels,	117 00
Beans, string, 168 bushels,	181 31
Beets, 278 bushels,	184 38
Beef, 19,668 pounds,	1,619 12
Bones sold, 3,860 pounds,	19 30
Cabbage, 30,500 pounds,	347 40
Carrots, 43 bushels,	23 65
Cauliflower, 379 heads,	25 34
Celery, 3,468 heads,	294 50
Cider, 4,914 gallons,	589 68
Corn, sweet, 1,971 dozen,	295 65
Cucumbers, 5,510,	164 67
Cucumber pickles, 6,625,	23 18
Currants, 316 quarts,	33 28
Drawing coal,	363 72
Eggs, 67½ dozen,	16 87
Egg plants, 250,	15 50
Feed, ground, 2,510 pounds,	30 47
Fertilizer, 100 loads,	100 00
Gravel sold, load,	50 70
Gravel, load,	349 00
Greens, 39 bushels,	19 00
Hay, 19,970 pounds,	199 70
Hides sold, 2,796 pounds,	179 00
Ice, 1,102 tons,	881 28
Ice sold, 304 tons,	89 40
Iron, junk, sold,	6 73
Lettuce,	234 80
	<hr/>
<i>Amount carried forward,</i>	\$7,309 10

<i>Amount brought forward,</i>	\$7,309 10
Live stock sold:—	
Calves (38),	161 50
Hogs (39),	228 88
Milk, 403,713 quarts,	16,148 52
Oats, 684 bushels,	312 27
Onions, 660 bushels,	644 45
Parsley,	2 70
Parsnips, 332 bushels,	249 81
Pears, 33 bushels,	33 28
Peas, 120 bushels,	221 49
Peppers, 384,	2 37
Plants sold,	19 00
Pork, 6,871 pounds,	564 44
Pork sold, 40,639 pounds,	3,257 34
Radishes, 1,276 dozen,	314 14
Raspberries, red, 66 quarts,	9 90
Rhubarb, 11,116 pounds,	210 70
Scullions, 10 bushels,	6 00
Spinach, 77 bushels,	31 10
Squash, summer, 1,119 pounds,	27 52
Squash, winter, 60,900 pounds,	613 50
Strawberries, 1,809 quarts,	220 50
Straw, rye, 5,841 pounds,	42 95
Tomatoes, 86 bushels,	95 69
Tomatoes, green, 36 bushels,	18 25
Turnips, 298 bushels,	169 35
Vegetables sold, squash, 150 pounds,	3 00
Deficit against farm,	2,526 78
	<hr/>
	\$33,444 53

LIST OF PERSONS

EMPLOYED IN THE WORCESTER INSANE HOSPITAL, SEPT. 30, 1903.

Superintendent, per year,	\$3,000 00
Assistant superintendent, per year,	2,000 00
Assistant physician, per year,	1,000 00
Assistant physician, per year,	900 00
Assistant physicians (two), each, per year,	800 00
Junior assistant physicians (four), each, per year,	400 00
Pathologist, per year,	1,000 00
Druggist, per week,	20 00
Assistant in laboratory, per month,	25 00
Steward, per year,	1,200 00
Matron, per year,	600 00
Clerk, per month,	60 00
Treasurer, per year,	500 00
Auditor, per year,	75 00
Stenographer (two), per week,	10 00
Stenographer (one), per month,	30 00
Superintendent of nurses, per year,	900 00
Supervisors (three men), each, per month,	\$40 00 to 45 00
Supervisors (four women), each, " "	25 00 to 30 00
Marker of clothing, etc., " "	20 00
Seamstresses (four), " "	18 00
Attendants (fifty-three men), " "	\$23 00 to 28 00
Attendants (sixty-four women), " "	14 00 to 20 00
Night attendants (eight men), " "	25 00 to 28 00
Night attendants (twelve women), per month,	18 00 to 20 00
Baker, " "	60 00
Assistant baker, " "	30 00
Steward's assistant, " "	30 00
Kitchen men (three), " "	\$25 00 to 45 00
Cooks (two), " "	28 00 and 30 00
Laundrymen (two), " "	25 00 and 35 00
Laundress, " "	20 00
Laundry girls (seven), " "	\$14 00 to 18 00
Kitchen girls (five), " "	14 00 to 18 00
House girls, each, " "	14 00 to 16 00
Office girl, " "	18 00
Carpenters (five), per day,	\$2 50 to 3 00
Painters (two), " "	2 50

Masons (three), per day,	\$3 25
Mason's helper, " "	2 25
Plumber, per month,	75 00
Engineer, per day,	3 00
Firemen (two), per month,	40 00
Farmers (two), each, per month,	\$45 00 and 75 00
Housekeepers (two), each, per month,	18 00 and 20 00
Farm laborers (fourteen), each, per month,	25 00 to 35 00
Farm help (five women), " " "	14 00 to 22 00
Florist, per month,	45 00
Coachman, per month,	28 00
Expressman, per month,	25 00
Basement and yard man, per month,	28 00
Butcher, per month,	25 00

VALUATION OF PERSONAL ESTATE.

SEPT. 30, 1903.

Provisions and groceries,	\$4,015 45
Ready-made clothing,	3,480 40
Dry goods:—	
For clothing,	745 85
For bedding, etc.,	880 71
Furnishings:—	
Beds and bedding in inmates' department,	32,454 00
Other furnishings in inmates' department,	24,053 30
Personal property of State in superintendent's department,	18,029 93
All other property,	17,496 27
Heat, light and power:—	
Fuel,	7,550 00
Repairs and improvements:—	
Machinery and mechanical fixtures,	35,456 05
Farm, stable and grounds:—	
Live stock on farm,	14,530 50
Produce of farm on hand,	20,450 48
Carriages and agricultural implements,	7,431 90
Miscellaneous:—	
Drugs and medicines,	389 04
Tobacco,	23 59
Library,	5,653 28
Other supplies undistributed,	6,889 18
	<hr/>
	\$199,529 93

TREASURER'S REPORT.

—————

To the Trustees of the Worcester Insane Hospital.

I hereby submit my annual report on the finances of the Worcester Insane Hospital for the year ending Sept. 30, 1903.

RECEIPTS.

Cash on hand Sept. 30, 1902,	\$5,394 41
Received from cities and towns for support of patients,	114,879 82
from individuals for support of patients,	51,343 43
from soldiers' relief for support of patients,	2,509 27
from interest on bank balance,	349 42
from farm and farm products,	4,378 57
from sale of rags and rubber,	264 90
from sale of ice,	89 40
from sale of old brass and iron,	75 89
from sale of barrels,	170 15
from sale of sundries,	1,230 14
from sales from store,	717 94
from Commonwealth for current expenses,	234,773 77
from Commonwealth from special appropriations,	30,955 37
	\$447,132 48
Total receipts,	\$447,132 48

EXPENDITURES.

Pay roll,	\$79,821 82
Food:—	
Butter,	\$9,185 62
Beans,	628 75
Bread and crackers,	414 72
Cereals, rice, meal, etc.,	1,688 39
Cheese,	790 67
Eggs,	5,725 78
Flour,	4,790 55
Fish,	3,310 57
Fruit,	3,542 31
Meats,	15,320 74
Molasses, etc.,	647 14
	\$46,045 24
<i>Amounts carried forward,</i>	\$79,821 82

<i>Amounts brought forward,</i>	\$46,045 24	\$79,821 82
Sugar,	4,417 44	
Tea, coffee, etc.,	1,931 80	
Vegetables,	4,877 34	
Sundries,	3,303 69	
	<hr/>	60,575 51
Clothing and clothing material: —		
Boots, shoes, etc.,	\$1,347 47	
Clothing,	5,207 36	
Dry goods for clothing, etc.,	1,899 17	
Furnishing goods,	1,486 37	
Hats and caps,	198 75	
Leather and shoe findings,	70 19	
Sundries,	25 94	
	<hr/>	10,235 25
Furnishings: —		
Beds, bedding, table linen, etc.,	\$5,445 45	
Brushes, brooms, etc.,	387 43	
Carpets, rugs, etc.,	266 01	
Crockery, glassware, cutlery, etc.,	1,236 65	
Furniture and upholstery,	391 82	
Kitchen furnishings,	470 25	
Woodenware, etc.,	87 63	
Sundries,	487 57	
	<hr/>	8,772 81
Heat, light and power: —		
Coal,	\$22,815 51	
Gas,	6,237 54	
Oil,	142 12	
Sundries,	58 48	
	<hr/>	29,253 65
Repairs and improvements: —		
Bricks,	\$332 38	
Cement, lime, etc.,	569 19	
Doors, sashes, etc,	59 65	
Electrical work and supplies,	621 58	
Hardware,	662 91	
Lumber,	3,063 35	
Machinery, etc.,	687 34	
Paints, oils, glass, etc.,	1,532 93	
Plumbing, steamfitting and supplies,	2,740 41	
Roofing and materials,	230 26	
Sundries,	1,215 03	
	<hr/>	11,715 03
Farm, stable and grounds: —		
Blacksmith and supplies,	\$578 95	
Carriages, wagons and repairs,	921 70	
	<hr/>	
<i>Amounts carried forward,</i>	\$1,500 65	\$200,374 07

<i>Amounts brought forward,</i>	\$1,500 65	\$200,374 07
Fertilizers, seeds, etc.,	977 02	
Hay, grain, etc.,	9,669 06	
Harness and repairs,	683 07	
Horses,	1,287 50	
Cows,	2,436 00	
Other live stock,	161 00	
Tools, farm machines, etc.,	483 49	
Sundries,	1,318 74	
	<hr/>	18,516 53
Miscellaneous:—		
Books, periodicals, etc.,	\$516 30	
Chapl services,	611 85	
Freight, expressage, etc.,	268 34	
Funeral expenses,	280 06	
Gratuities,	27 47	
Hose, etc.,	108 35	
Labor (not on pay roll),	8 00	
Medicines and hospital supplies,	2,101 97	
Medical attendance,	207 51	
Postage,	381 28	
Printing and printing supplies,	277 47	
Return of runaways,	115 14	
Soap and laundry supplies,	2,569 44	
Stationery and office supplies,	428 59	
Travel and expenses (officials),	164 68	
Telephone and telegraph,	189 68	
Tobacco,	982 00	
Water,	5,058 96	
Sundries,	1,490 46	
	<hr/>	15,787 55
Total,		\$234,678 15
Paid out of special appropriations,		30,955 37
Receipts paid to State Treasurer,		179,131 55
		<hr/>
Total expenditures,		\$444,765 07
Cash on hand Sept. 30, 1903,		2,367 41
		<hr/>
		\$447,132 48

RESOURCES.

Cash on hand Oct. 1, 1903,	\$2,367 41
Bills due from cities and towns,	30,037 09
Bills due from individuals,	12,082 54
Bills due from soldiers' relief,	425 25
Unexpended special appropriations,	59,711 78
	<hr/>
	\$104,624 07

LIABILITIES.

Due for maintenance paid in advance, . . .	\$152 22
for salaries, wages and labor, . . .	7,443 74
for all other current expenses, . . .	17,536 21
	\$25,132 17

Special Appropriations.

OBJECT.	Resolves.	Whole Amount.	Expended in 1902.	Expended in 1903.	Balance Oct. 1, 1903.
Nurses' home, . . .	1901, chap. 471,	\$45,000 00	\$14,767 85	\$27,531 08	\$2,701 07
Electric lighting, . . .	1902, chap. 118,	16,000 00	565 00	3,239 29	12,195 71
Electric lighting, . . .	1903, chap. 414,	45,000 00	-	185 00	44,815 00

PATIENTS' FUNDS.

Balance on hand Sept. 30, 1902, . . .	\$2,157 75
Receipts during year, . . .	3,449 13
Interest on bank balance, . . .	47 45
	\$5,654 33
Expenditures during year, . . .	2,832 04
Balance on hand Sept. 30, 1903, . . .	\$2,822 29

Respectfully submitted,

ALBERT WOOD,
Treasurer.

Oct. 1, 1903.

STATEMENT OF FUNDS.

LEWIS FUND.

Balance on hand Sept. 30, 1902,	\$1,254 60	
Collected Springfield bond,	1,000 00	
Dividends,	100 15	
	<u> </u>	\$2,354 75
Safe Deposit Vault rent,	\$5 00	
Depreciation Springfield bond,	10 00	
Chicago, Burlington & Quincy Railroad bond, .	926 36	
Deposit Worcester County Institution for Sav- ings,	73 64	
	<u> </u>	1,015 00
		<u> </u>
		<u> </u>
		\$1,339 75

Investment.

Chicago, Burlington & Quincy Railroad bond, .	\$926 36	
Worcester County Institution for Savings, .	342 60	
Cash on hand Sept. 30, 1903,	70 79	
	<u> </u>	\$1,339 75

WHEELER FUND.

Balance on hand Sept. 30, 1902,	\$4,648 22	
Dividends,	175 56	
Central National Bank, first payment in liquida- tion,	700 00	
Central National Bank, second payment in liquidation,	175 00	
Advance in Worcester National Bank shares, .	15 00	
	<u> </u>	\$5,713 78
Expended for books,	\$251 84	
Five shares Boston & Philadelphia Steamship Company,	712 50	
Deposit Worcester County Institution for Sav- ings,	57 50	
	<u> </u>	1,021 84
		<u> </u>
		\$4,691 94

Investment.

Three shares Worcester National Bank,	\$570 00	
Five shares Boston & Philadelphia Steamship Company,	712 50	
Worcester County Institution for Savings,	1,608 36	
Worcester Five Cents Savings Bank,	1,719 47	
Cash on hand Sept. 30, 1903,	81 61	
	<hr/>	\$4,691 94
		<hr/> <hr/>

LAWN FUND.

Balance in Mechanics Savings Bank, Sept. 30, 1902,	\$1,210 28	
Sale of trees,	30 00	
Dividends,	48 66	
	<hr/>	\$1,283 94
Expenditures during year,		371 86
		<hr/>
Balance in bank Sept. 30, 1903,		\$912 08
		<hr/> <hr/>

MANSON FUND.

Balance in Worcester County Institution for Savings Sept. 30, 1902,	\$1,323 02	
Dividends,	52 92	
	<hr/>	\$1,375 94
		<hr/> <hr/>

LAND ACCOUNT.

Balance on hand Sept. 30, 1903,	\$58 52
	<hr/> <hr/>

Respectfully submitted,

ALBERT WOOD,

Treasurer of Corporation.

Oct. 1, 1903.

WORCESTER, MASS., Oct. 26, 1903.

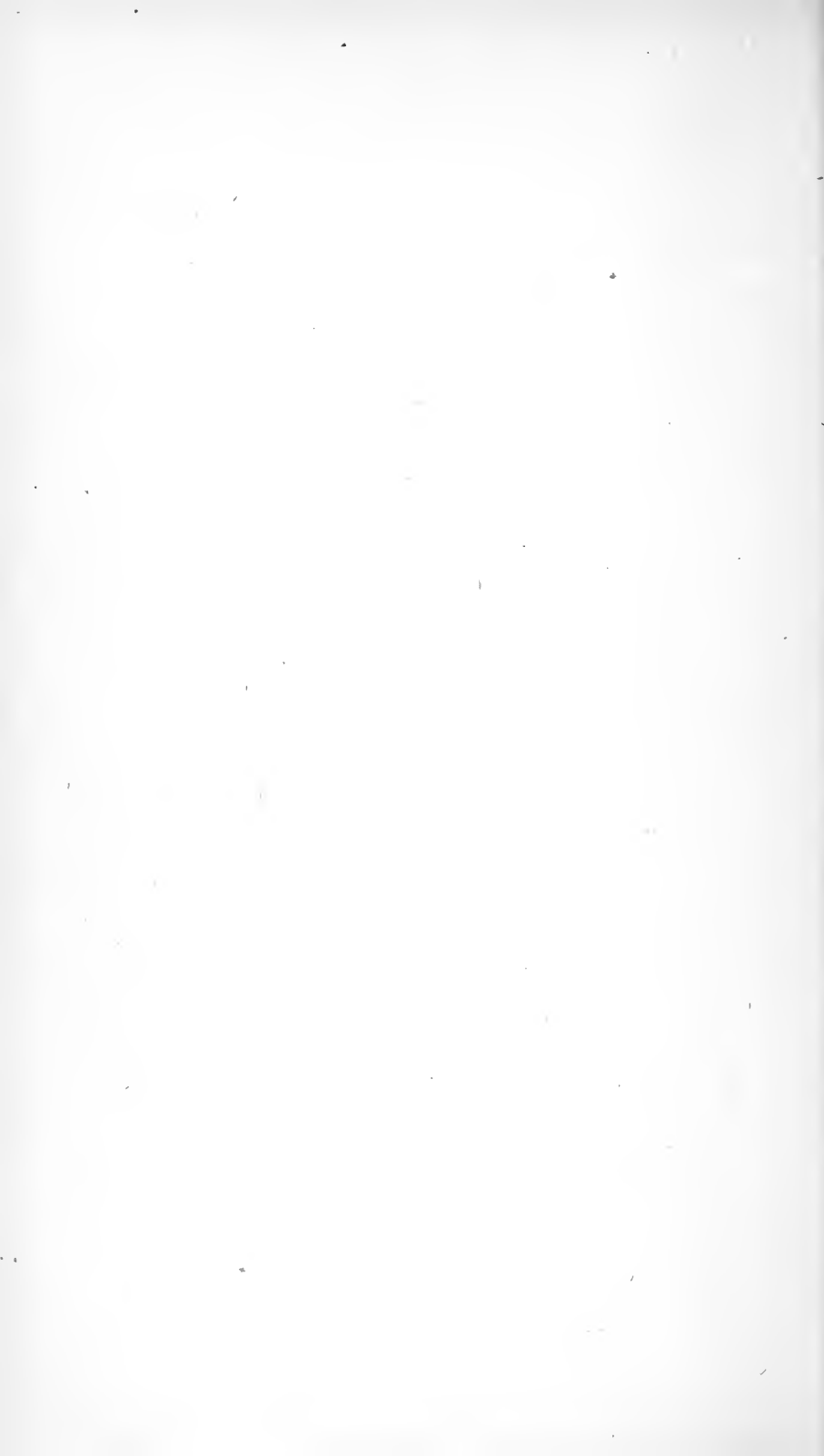
I hereby certify that I have this day compared the treasurer's statement of disbursements for the year ending Sept. 30, 1903, with the vouchers on file at the Worcester Insane Hospital, and find them to agree. I have also inspected the securities representing the invested funds of the institution, and find that their market value is as stated.

GEO. L. CLARK,

Auditor of Accounts.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]



I. — General Statistics of the Year.

	INSANE.			HABITUAL DRUNKARDS.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
	Patients in the house Oct. 1, 1902,	534	570	1,104	-	12	12	534	582
Admitted within the year,	350	260	610	7	7	14	357	267	624
Whole number of cases within the year,	884	830	1,714	7	19	26	891	849	1,740
Discharged within the year:—									
Viz: as recovered at time of leaving hospital,	84	36	120	7	10	17	91	46	137
as much improved,	48	26	74	-	1	1	48	27	75
as improved,	33	24	57	-	-	-	33	24	57
as not improved,	69	95	164	-	1	1	69	96	165
as not insane,	3	2	5	-	-	-	3	2	5
Deaths,	70	47	117	-	-	-	70	47	117
Patients remaining Sept. 30, 1903:—									
Viz.: supported as State patients,	201	172	373	-	2	2	201	174	375
as town patients,	308	321	629	-	5	5	308	326	634
as private patients,	68	107	175	-	-	-	68	107	175
Number of different persons within the year,	873	819	1,692	7	7	14	880	826	1,706
Number of different persons admitted within the year,	348	260	608	7	7	14	355	267	622
Number of different persons recovered within the year,	83	36	119	7	10	17	90	46	136
Daily average number of patients:—									
Viz.: State patients,	-	-	-	-	-	-	184.70	145.38	330.08
town patients,	-	-	-	-	-	-	294.45	328.26	622.71
private patients,	-	-	-	-	-	-	63.86	109.04	172.40

2. — Monthly Admissions, Discharges and Averages.

MONTHS.	ADMISSIONS.			DISCHARGES.			DEATHS.			DAILY AVERAGE OF PATIENTS IN THE HOUSE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1902.												
October,	28	23	51	10	4	14	8	1	9	530.85	576.25	1,107.10
November,	26	15	41	35	19	54	7	10	17	525.63	569.93	1,095.56
December,	27	12	39	14	20	34	4	6	10	517.76	558.32	1,076.08
1903.												
January,	27	20	47	3	22	25	8	3	11	525.28	555.68	1,080.96
February,	28	14	42	30	12	42	5	3	8	540.34	558.88	1,099.22
March,	17	21	38	15	8	23	5	2	7	527.38	565.89	1,093.27
April,	36	30	66	15	6	21	7	5	12	525.44	568.20	1,093.64
May,	40	29	69	8	9	17	9	2	11	546.00	591.00	1,137.00
June,	35	23	58	15	11	26	6	4	10	566.39	598.79	1,165.18
July,	37	33	70	32	11	43	8	5	13	556.16	603.55	1,159.71
August,	31	27	58	15	19	34	2	2	4	569.73	621.06	1,190.79
September,	25	20	45	52	54	106	1	4	5	579.17	624.63	1,203.80
Total of cases,	357	267	624	244	195	439	70	47	117	-	-	-
Total of persons,	354	267	621	243	194	437	70	47	117	-	-	-
Daily average,	-	-	-	-	-	-	-	-	-	542.42	582.68	1,125.10

3. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	299	216	515	-	-	-
Second,	41	39	80	13	9	22
Third,	6	6	12	7	1	8
Fourth,	6	1	7	3	1	4
Fifth,	2	2	4	2	1	3
Sixth,	1	1	2	-	1	1
Seventh,	-	1	1	-	1	1
Eighth,	2	-	2	1	-	1
Ninth,	-	1	1	-	1	1
Total of cases,	357	267	624	26	15	41
Total of persons,	353	267	620	22	14	36

4. — *Relation to Hospital of Persons admitted.*

	Males.	Females.	Totals.
Never before in any hospital for insane, . . .	272	201	473
Former inmates of this hospital only, . . .	51	40	91
Former inmates of other hospitals only, . . .	27	15	42
Former inmates of this and other hospitals:—			
Danvers, Massachusetts Hospital for Epi- leptics,	—	1	1
Danvers, Westborough, Taunton, Foxbor- ough,	1	—	1
Elwyn's Hospital, Pennsylvania, . . .	—	1	1
Herbert Hall,	—	1	1
McLean,	2	1	3
Medfield,	2	1	3
Newton Nervine, McLean,	1	—	1
Northampton,	—	1	1
Palmer,	—	1	1
Taunton,	—	1	1
Taunton, Herbert Hall,	—	1	1
Tewksbury,	1	—	1
Westborough,	—	1	1
Westborough, Taunton, Tewksbury, . . .	—	1	1
Total of cases,	357	267	624

5. — Parentage of Persons admitted.

PLACES OF NATIVITY.	MALES.		FEMALES.		TOTALS.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Massachusetts,	52	46	28	29	80	75
Other States : —						
Maine,	11	12	9	10	20	22
New Hampshire,	5	6	6	7	11	13
Vermont	7	4	5	5	12	9
Rhode Island,	1	2	2	1	3	3
Connecticut,	1	1	2	1	3	2
New York,	5	7	2	2	7	9
Pennsylvania,	1	1	1	—	2	1
Maryland,	—	—	—	1	—	1
District of Columbia,	1	1	—	—	1	1
Virginia,	—	—	2	1	2	1
North Carolina,	1	1	1	1	2	2
Alabama,	1	1	—	—	1	1
Other countries : —						
Canada,	22	28	9	8	31	36
Nova Scotia,	14	17	1	1	15	18
New Brunswick,	4	2	4	4	8	6
Newfoundland,	2	2	2	2	4	4
Prince Edward Island,	2	1	2	2	4	3
West Indies,	1	1	1	1	2	2
Scotland,	5	7	11	10	16	17
England,	15	15	16	14	31	29
Ireland,	109	105	75	78	184	183
Norway,	1	1	1	1	2	2
Sweden,	10	10	3	3	13	13
Denmark,	1	1	—	—	1	1
Holland,	—	—	2	2	2	2
France,	—	—	1	1	1	1
Germany,	7	7	3	3	10	10
Austria,	1	1	—	1	1	2
Italy,	5	5	2	2	7	7
Armenia,	2	2	—	—	2	2
Hungary,	—	—	2	1	2	1
Finland,	6	6	1	—	7	6
Poland,	2	2	2	2	4	4
Russia,	6	6	2	2	8	8
Assyria,	1	1	—	—	1	1
China,	1	1	—	—	1	1
The Azores,	—	—	1	1	1	1
Unknown,	54	54	68	70	122	124
Totals,	357	357	267	267	624	624

6. — *Residence of Persons admitted.*

PLACES.	Males.	Females.	Totals.
Massachusetts, (by counties) :—			
Berkshire,	1	—	1
Bristol,	1	—	1
Essex,	—	1	1
Franklin,	1	—	1
Hampden,	—	1	1
Middlesex,	93	85	178
Norfolk,	7	10	17
Plymouth,	1	—	1
Suffolk,	70	58	128
Worcester,	183	112	295
Totals,	357	267	624
Cities or towns,	357	267	624

7.—Civil Condition of Persons admitted.

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			DIVORCED.			UNKNOWN.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	133	70	203	126	98	224	22	39	61	-	3	3	18	6	24	299	216	515
Second,	20	14	34	18	20	38	2	5	7	-	-	-	1	-	1	41	39	80
Third,	3	3	6	1	2	3	1	1	2	-	-	-	1	-	1	6	6	12
Fourth,	2	-	2	3	-	3	1	1	2	-	-	-	-	-	-	6	1	7
Fifth,	-	1	1	2	1	3	-	-	-	-	-	-	-	-	-	2	2	4
Sixth,	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	1	1	2
Seventh,	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Eighth,	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	2	-	2
Ninth,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Totals,	160	89	249	151	123	274	26	46	72	-	3	3	20	6	26	357	267	624

8. — *Occupation of Persons admitted.*

FEMALES.			
Bookkeepers,	2	Rubber worker,	1
Clerks,	4	Saleswomen,	3
Cook,	1	Seamstresses,	3
Domestics,	51	Servants,	2
Dressmakers,	5	Student,	1
Housekeepers,	39	Tailoress,	1
Housemaids,	2	Typewriters,	2
Housewives,	55	Washerwoman,	1
Laundresses,	3	Weavers,	2
Matron,	1	Unknown,	7
Milliner,	1	No occupation,	57
Music teachers,	2		
Nurses,	2	Total,	267
Operatives,	19		

MALES.			
Actor,	1	Color mixer,	1
Baggage master,	1	Comb maker,	1
Bakers,	3	Contractors,	2
Barbers,	2	Cook,	1
Bartenders,	4	Cooper,	1
Blacksmith,	1	Currier,	1
Bookkeepers,	2	Driver,	1
Bottler,	1	Electrician,	1
Bricklayer,	1	Engineers,	6
Cabinet maker,	1	Expressmen,	2
Carpenters,	5	Farmers,	18
Carriage maker,	1	Farm hand,	1
Chair makers,	4	Felt shearer,	1
Cigar makers,	2	Finisher,	1
Cigar store,	1	Firemen,	2
Civil engineer,	1	Foreman,	1
Clerks,	11	Gardener,	1
Coachmen,	2	Gate tender,	1

8. — *Occupation of Persons admitted* — Concluded.

MALES — CONCLUDED.

Hack driver,	1	Real estate,	1
Harness maker,	1	Reed worker,	1
Hatter,	1	Restaurant keepers,	2
Hostlers,	2	Retired,	1
Hotel keeper,	1	Rope maker,	1
Insurance,	1	Rubber workers,	2
Iron workers,	2	Salesmen,	9
Janitor,	1	Shearer,	1
Laborers,	75	Shoe cutter,	1
Leather finisher,	1	Shoe dealer,	2
Liveryman,	1	Shoemakers,	7
Lumber dealers,	2	Soap maker,	1
Lunch room,	1	Spectacle maker,	1
Machinists,	9	Stableman,	1
Manufacturer,	1	Stationery engineer,	1
Masons,	4	Steamfitter,	1
Mason tender,	1	Stone cutters,	2
Mechanics,	3	Student,	1
Milk business,	1	Tailors,	4
Moulders,	3	Teamsters,	7
Nurse,	1	Tinsmith,	1
Operatives,	15	Upholsterer,	1
Organ pipe voicer,	1	Varnisher,	1
Painters,	7	Waiters,	3
Paper maker,	1	Weavers,	8
Peddler,	1	Wheelwright,	1
Physician,	1	Wood chopper,	1
Plumbers,	2	Wood workers,	3
Polisher,	1	Unknown,	17
Postmaster,	1	No occupation,	42
Printer,	1		
Provision dealer,	1	Total,	357

9. — Probable Causes of Disease in Persons admitted.

CAUSES.	PERSONS ADMITTED.						INSANE.						HABITUAL DRUNKARDS.					
	INSANE.			HABITUAL DRUNKARDS.			PREVIOUS ATTACKS			HEREDITARY PREDISPOSITION.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Alcohol,	101	20	121	7	7	14	17	2	19	7	3	10	3	-	3	-	-	-
Alcohol and other causes,	59	20	79	-	-	-	13	2	15	20	5	25	-	-	-	-	-	-
Business trouble,	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Constitutional inferiority,	20	11	31	-	-	-	5	3	8	7	4	11	-	-	-	-	-	-
Dissipation,	3	1	4	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-
Domestic troubles,	-	3	3	-	-	-	-	2	2	-	3	3	-	-	-	-	-	-
Epilepsy,	6	4	10	-	-	-	3	2	5	1	2	3	-	-	-	-	-	-
Grief,	1	2	3	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-
Grief and other causes,	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Heredity,	11	39	50	-	-	-	4	17	21	11	39	50	-	-	-	-	-	-
Ill health,	3	14	17	-	-	-	-	3	3	1	2	3	-	-	-	-	-	-
Ill health and other causes,	3	17	20	-	-	-	-	3	3	1	5	6	-	-	-	-	-	-
Infectious process,	1	-	1	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-
Insolation,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Masturbation,	14	-	14	-	-	-	5	-	5	4	-	4	-	-	-	-	-	-
Masturbation and other causes,	16	1	17	-	-	-	7	-	7	8	-	8	-	-	-	-	-	-

Menopause,	6	6	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Menopause and other causes,	11	11	-	-	-	-	-	1	1	2	2	-	-	-	-	-	-	-	-
Menstrual disorders,	3	3	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-
Morphine and cocaine,	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overwork,	1	4	1	1	1	1	1	1	1	2	3	-	-	-	-	-	-	-	-
Overwork and other causes,	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pregnancy, puerperium, and lactation,	16	16	-	-	-	-	-	3	3	3	3	-	-	-	-	-	-	-	-
Senility,	12	15	27	-	-	-	-	-	-	4	1	5	-	-	-	-	-	-	-
Senility and other causes,	8	14	22	-	-	-	-	1	1	2	3	6	-	-	-	-	-	-	-
Syphilis,	27	1	28	-	-	-	-	3	3	1	1	-	-	-	-	-	-	-	-
Syphilis and other causes,	6	1	7	-	-	-	-	1	1	2	2	-	-	-	-	-	-	-	-
Tea,	-	2	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Trauma,	6	1	7	-	-	-	-	3	3	1	1	-	-	-	-	-	-	-	-
Worry,	3	9	12	-	-	-	-	2	1	3	2	6	8	-	-	-	-	-	-
Worry and other causes,	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown,	45	41	86	-	-	-	-	14	7	21	3	2	5	-	-	-	-	-	-
Totals,	350	260	610	7	7	14	78	51	129	79	87	166	3	3	3	3	3	3	3

10. — Record of Cases admitted within the Year.

PATIENTS.	INSANE.			HABITUAL DRUNKARDS.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
	Admitted,	350	260	610	7	7	14	357	267
Discharged recovered,	64	12	76	7	4	11	71	16	87
much improved,	22	9	31	-	-	-	22	9	31
improved,	17	9	26	-	-	-	17	9	26
not improved,	13	24	37	-	1	1	13	25	38
not insane,	2	2	4	-	-	-	2	2	4
Died,	26	14	40	-	-	-	26	14	40
Remaining Sept. 30, 1903,	206	190	396	-	2	2	206	192	398
Number likely to recover or improve,	49	53	102	-	2	2	49	55	104

11. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	PERSONS FIRST ADMITTED TO ANY HOSPITAL.						PERSONS DIED.					
	AT FIRST ATTACK			WHEN ADMITTED.			AT FIRST ATTACK.			AT TIME OF DEATH.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital,	5	2	7	-	-	-	-	-	-	-	-	-
15 years and less,	5	3	8	1	3	4	1	-	1	-	-	-
From 15 to 20 years,	9	5	14	8	4	12	-	-	-	-	-	-
20 to 25 years,	21	15	36	30	23	53	3	4	7	1	3	4
25 to 30 years,	29	17	46	39	22	61	6	4	10	2	1	3
30 to 35 years,	26	23	49	38	23	61	2	3	5	4	4	8
35 to 40 years,	20	18	38	31	20	51	8	2	10	6	3	9
40 to 50 years,	36	29	65	48	39	87	15	6	21	16	3	19
50 to 60 years,	30	20	50	37	23	60	10	11	21	15	7	22
60 to 70 years,	11	11	22	13	19	32	12	10	22	14	12	26
70 to 80 years,	11	12	23	11	16	27	9	7	16	8	10	18
Over 80 years,	5	3	8	9	4	13	3	-	3	4	4	8
Unknown,	64	43	107	7	5	12	1	-	1	-	-	-
Total of persons,	272	201	473	272	201	473	70	47	117	70	47	117
Mean ages in years,	39.3	40.7	40.0	40.5	42.7	41.6	50.1	51.0	50.5	54.1	58.4	56.2

12. — *Reported Duration of Disease before Last Admission.*

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTALS.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital,	5	2	7	1	-	1	6	2	8
Under 1 month,	73	35	108	22	12	34	95	47	142
From 1 to 3 months,	32	29	61	10	6	16	42	35	77
3 to 6 months,	20	11	31	3	4	7	23	15	38
6 to 12 months,	24	8	32	4	1	5	28	9	37
1 to 2 years,	30	18	48	5	4	9	35	22	57
2 to 5 years,	18	28	46	13	12	25	31	40	71
5 to 10 years,	14	16	30	8	5	13	22	21	43
10 to 20 years,	1	9	10	2	4	6	3	13	16
Over 20 years,	1	3	4	-	4	4	1	7	8
Unknown,	54	42	96	17	14	31	71	56	127
Total of cases,	272	201	473	85	66	151	357	267	624
Total of persons,	272	201	473	81	66	147	353	267	620
Average in years,	1.18	2.60	1.89	1.91	5.04	3.47	3.09	7.64	5.36

13. — Form of Mental Diseases in Cases admitted or discharged, with Condition on Discharge.

FORM OF DISEASE.	CASES ADMITTED.			CASES DISCHARGED.											
	Males.	Females.	Totals.	Recovered.	Much Improved.	Improved.	Not Improved.	Not Insane.	Deaths.	Aggregates.	Males.	Females.	Totals.		
A. — Insane: —															
Alcoholic insanity,	122	16	138	63	18	8	13	3	16	7	1	8	14	8	22
Climacteric melancholia,	9	23	32	1	—	1	—	1	—	—	—	—	4	—	4
Constitutional inferiority,	7	9	16	—	1	3	8	4	12	1	3	4	10	—	10
Delirium (infectious, toxic and asthenic),	19	11	30	11	3	—	—	—	—	—	—	—	11	5	16
Dementia, præcox,	66	72	137	1	9	6	35	52	87	10	6	16	4	6	10
Epileptic insanity,	10	4	14	1	1	2	—	—	—	2	2	4	7	1	8
General paralysis,	50	9	59	1	4	4	1	—	—	4	1	5	3	1	4
Huntington's chorea,	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Hysterical insanity,	—	4	4	—	—	1	—	—	—	—	1	1	—	—	—
Idiocy,	7	2	9	—	—	—	—	—	—	—	—	—	—	—	—
Imbecility,	5	1	6	—	2	1	3	4	7	—	—	—	—	—	—
Katonia,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Morphinism,	1	3	4	—	—	—	—	—	—	—	—	—	—	—	—
Neurosthenia,	7	10	17	—	—	—	—	—	—	—	—	—	—	—	—
Organic dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paranoia,	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—
Paranoic condition,	—	29	29	—	2	7	6	22	28	4	7	11	—	—	—
Periodic insanity: —															
Manic,	7	18	25	2	2	—	—	2	—	—	—	—	—	—	—
Depressed,	9	10	19	2	2	—	—	—	2	—	—	—	—	—	—
Circular,	1	2	3	1	1	—	—	—	—	—	—	—	—	—	—
Manic-depressive,	—	3	3	1	1	—	—	—	—	—	—	—	—	—	—
Senile dementia,	17	29	46	—	—	—	—	—	—	—	—	—	—	—	—
Traumatic insanity,	3	7	10	1	—	—	—	—	—	—	—	—	—	—	—
Habitual drunkards,	7	7	14	7	—	—	—	—	—	—	—	—	—	—	—
Not insane,	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—
Total of cases,	357	267	624	91	48	57	69	96	165	33	24	57	3	5	8
Total of persons,	353	267	620	91	48	57	69	96	165	33	24	57	3	5	8

B. — Not insane,

14. — Discharges, classified by Admissions and Result.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	79	32	111	34	23	57	25	13	38	49	76	125	3	2	5	63	43	106	253	189	442
Second,	9	10	19	9	4	13	6	6	12	17	17	34	-	-	-	6	2	8	47	39	86
Third,	1	1	2	4	-	4	2	4	6	2	3	5	-	-	-	-	-	-	9	8	17
Fourth,	2	-	2	1	-	1	-	-	-	1	-	1	-	-	-	1	-	1	5	-	5
Fifth,	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
Sixth,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seventh,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Eighth,	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	1	1	2	2
Sixteenth,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1
Total of cases,	91	46	137	48	27	75	33	24	57	69	96	165	3	2	5	70	47	117	314	242	556
Total of persons,	91	46	137	48	27	75	33	24	57	69	96	165	3	2	5	70	47	117	314	242	556

16. — Recoveries, classified by Duration of Disease and Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.								
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.			WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —															
Under 1 month,	25	15	40	23	—	23	4	—	4	4	—	4	22	—	22
From 1 to 3 months,	6	5	11	36	7	43	14	3	17	12	3	15	32	5	37
3 to 6 months,	4	2	6	15	11	26	8	4	12	7	—	7	17	11	28
6 to 12 months,	3	1	4	6	13	19	8	9	17	9	11	20	9	13	22
1 to 2 years,	1	3	4	2	3	5	4	8	12	6	6	12	2	3	5
2 to 5 years,	—	1	1	2	2	4	1	3	4	1	3	4	2	4	6
5 to 10 years,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10 to 20 years,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Over 20 years,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unknown,	45	9	54	—	—	—	45	9	54	45	13	58	—	—	—
Totals,	84	36	120	84	36	120	84	36	120	84	36	120	84	36	120
Average of known cases (in months),	1.56	3.4	2.48	3.38	7.75	5.56	5.92	12.24	9.08	7.1	13.44	10.27	4.02	11.42	7.72
B. — Habitual drunkards: —															
Under 1 month,	—	—	—	6	—	6	—	—	—	—	—	—	5	—	5
From 1 to 3 months,	—	—	—	1	2	3	—	—	—	—	—	—	1	2	3
3 to 6 months,	—	—	—	—	7	7	—	—	—	—	—	—	1	3	4
6 to 12 months,	—	1	1	—	1	1	—	1	1	—	1	1	—	4	4
1 to 2 years,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 to 5 years,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5 to 10 years,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unknown,	7	8	15	—	—	—	7	8	15	7	8	15	—	—	—
Totals,	7	10	17	7	10	17	7	10	17	7	10	17	7	10	17
Average of known cases (in months),	Unk.	60	60	1.7	3.2	2.4	Unk.	60.5	60.5	Unk.	78.5	78.5	2.7	6.6	4.65

17. — Deaths, classified by Duration of Disease and Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.								
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.			WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Under 1 month,	15	7	22	13	7	20	4	1	5	3	1	4	12	7	19
From 1 to 3 months,	7	7	14	13	7	20	6	5	11	6	4	10	13	6	19
3 to 6 months,	14	4	18	5	5	10	5	1	6	4	1	5	3	3	6
6 to 12 months,	6	3	9	11	7	18	8	5	13	8	5	13	13	9	22
1 to 2 years,	8	1	9	14	6	20	15	4	19	15	4	19	14	7	21
2 to 5 years,	4	11	15	12	7	19	15	11	26	16	12	28	13	8	21
5 to 10 years,	3	1	4	-	4	4	3	6	9	3	4	7	-	3	3
10 to 20 years,	-	2	2	1	2	3	-	1	1	1	1	-	1	-	1
Over 20 years,	1	2	3	1	2	3	2	4	6	2	5	7	1	4	5
Unknown,	12	9	21	-	-	-	12	9	21	13	11	24	-	-	-
Totals,	70	47	117	70	47	117	70	47	117	70	47	117	70	47	117
Average of known cases (in months),	7.72	41.40	24.56	23.24	43.08	33.16	35.74	93.25	64.49	38.47	83.25	60.86	20.84	46.94	33.89

1865,	79	152																				1	
1866,	123	100	223																				1
1867,	107	98	205																				1
1868,	112	92	204																				1
1869,	116	121	237																				1
1870,	138	143	281																				1
1871,	174	154	328																				1
1872,	181	120	301																				1
1873,	152	154	306																				1
1874,	145	151	296																				1
1875,	157	130	287																				1
1876,	150	110	260																				1
1877,	126	136	262																				1
1878,	110	130	240																				1
1879,	49	49	93																				1
1880,	84	101	185																				1
1881,	128	80	208																				1
1882,	140	105	245																				1
1883,	101	113	214																				1
1884,	99	109	208																				1
1885,	139	111	250																				1
1886,	113	143	256																				1
1887,	139	118	237																				1
1888,	183	153	336																				1
1889,	170	149	319																				1
1890,	210	150	360																				1
1891,	264	200	464																				1
1892,	298	256	554																				1
1893,	250	208	458																				1
1894,	261	214	508																				1
1895,	236	202	433																				1
1896,	251	250	501																				1
1897,	245	211	456																				1
1898,	219	198	417																				1
1899,	232	227	459																				1
1900,	268	218	486																				1
1901,	235	256	492																				1
1902,	267	228	495																				1
1903,	239	216	515																				1
Totals,	9,415	8,717	18,132	79	30	109	35	23	58	26	13	39	50	77	127	3	2	5	64	43	107		

1890,	19	38																				1	1	3	71
1891,	25	19	44																			1	1	3	34
1892,	30	14	44																			1	2	3	37
1893,	15	15	30																			1	2	3	37
1894,	13	18	31																			1	1	2	4
1895,	12	11	23																			1	1	2	4
1896,	12	22	34																			1	1	2	4
1897,	12	14	26																			1	1	2	4
1898,	11	7	18																			1	1	2	4
1899,	26	19	45																			1	1	3	5
1900,	12	20	32																			1	1	3	5
1901,	22	15	37																			1	1	3	5
1902,	23	22	45																			1	1	3	5
1903,	26	15	41																			1	1	3	5
Totals,	368	367	735																			11	11	22	71



