

FIFTY-SECOND ANNUAL REPORT  
OF  
THE TRUSTEES  
OF THE  
NORTHAMPTON STATE HOSPITAL,  
FOR THE  
YEAR ENDING NOVEMBER 30, 1907.



BOSTON:  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.  
1908.

APPROVED BY  
THE STATE BOARD OF PUBLICATION.

## CONTENTS.

---

	PAGE
LIST OF OFFICERS, . . . . .	5
REPORT OF TRUSTEES, . . . . .	7
REPORT OF SUPERINTENDENT, . . . . .	9
REPORT OF TREASURER, . . . . .	28
STATISTICS, . . . . .	37

# OFFICERS

OF THE

## NORTHAMPTON STATE HOSPITAL.

---

### TRUSTEES.

HENRY L. WILLIAMS, <i>Secretary</i> , . . . . .	NORTHAMPTON.
CHARLES S. SHATTUCK, . . . . .	HATFIELD.
ALVAN BARRUS, <i>Chairman</i> , . . . . .	GOSHEN.
SARAH A. WOODWORTH, . . . . .	CHICOPEE.
CAROLINE A. YALE, . . . . .	NORTHAMPTON.
F. W. CHAPIN, M.D., . . . . .	SPRINGFIELD.
WILLIAM D. MACINNES, . . . . .	PITTSFIELD.

### RESIDENT OFFICERS.

JOHN A. HOUSTON, M.D., . . . . .	<i>Superintendent.</i>
CHARLES H. DEAN, M.D., . . . . .	<i>Assistant Physician.</i>
HARRIET M. WILEY, M.D., . . . . .	<i>Assistant Physician.</i>
GRACE E. B. RICE, M.D., . . . . .	<i>Assistant Physician.</i>
EDWARD W. WHITNEY, M.D., . . . . .	<i>Assistant Physician.</i>
C. STANLEY RAYMOND, M.D., . . . . .	<i>Assistant Physician.</i>
LEWIS F. BABBITT, . . . . .	<i>Clerk.</i>
SUSAN E. WARREN, . . . . .	<i>Matron.</i>
JOHN MERCIER, . . . . .	<i>Farmer.</i>
JOSEPH G. COOK, . . . . .	<i>Farmer.</i>
WAVERLEY D. PACKARD, . . . . .	<i>Engineer.</i>

### TREASURER.

LEWIS F. BABBITT, . . . . .	NORTHAMPTON.
-----------------------------	--------------

Office at the Hospital.

# Commonwealth of Massachusetts.

---

## TRUSTEES' REPORT.

---

*To His Excellency the Governor of the Commonwealth and the  
Honorable Council.*

The trustees of the Northampton State Hospital respectfully present their fifty-second annual report.

Stated meetings of the Board have been held each month at the hospital and many visits by individual members of the Board have been made, besides frequent conferences of committees on special matters.

Our financial report shows that the weekly per capita cost of caring for our patients was \$3.76, based on the expenditures of the twelve months ending November 30. This is lower than for the corresponding months of last year. The high prices of supplies of all kinds and the increase in the amount paid out for salaries, wages and labor, made necessary by the putting of our workmen, mechanics and laborers on a forty-eight hour weekly basis, have tended to increase the cost of caring for the insane, and we expect the weekly rate for the next year will be larger.

The Legislature of 1907 made the following special appropriations for this hospital: for plumbing fixtures and materials, \$2,000; for electric lights along the driveways, \$1,200; for the purchase of cows, \$2,000; for machinery for the bakery, \$1,000; for lumber for an ice house, \$700; and for a greenhouse, \$2,100, in addition to the appropriation for this purpose made last year. We refer to the superintendent's report for a statement of the progress of the matters for which these appropriations were made.

Legislation, enacted last year and this, has caused a considerable addition to the number of our employees, so that our accommodations for boarding them are taxed to the limit. If it were not that many of them live away from the hospital we could not accommodate them; as it is now our dining rooms are crowded. Any further increase in their number will call for an additional building, to be used as a dormitory.

Our nursing force is not at present confined to an eight-hour schedule, though deserving it more than any other class of employees. We have a ward set apart in each infirmary building — men's and women's — which is used as a nurses' home. If at any time the nurses are placed on a shorter length of daily service we shall have to ask for special appropriations to build nurses' homes, and in any event we think this will be desirable before long.

For more specific details of the management of the institution and of its financial affairs we refer to the accompanying reports of the superintendent and the treasurer.

HENRY L. WILLIAMS.  
CHARLES S. SHATTUCK.  
ALVAN BARRUS.  
SARAH A. WOODWORTH.  
CAROLINE A. YALE.  
F. W. CHAPIN, M.D.  
WILLIAM D. MACINNES.

## SUPERINTENDENT'S REPORT.

---

*To the Trustees of the Northampton State Hospital.*

The following report of the affairs of the hospital for the fiscal year ending Nov. 30, 1907, is respectfully submitted.

The report concerning the movement of population and the statistical tables concerning patients, annexed to this report, are for the year ending September 30.

On Oct. 1, 1906, there were 771 patients in the hospital or boarded out under our care. During the year 306 patients were admitted and 351 were dismissed. These figures do not include 33 who were out on visit at the beginning of the year and were nominally admitted and discharged. The number remaining September 30 was 726, — 361 male, 365 female. The whole number under treatment during the year was 1,110; the daily average number was 777, — the largest of any year except 1905.

The number of admissions was larger than last year, and it is to be expected that our daily average for the coming year will be larger than for this year, unless it is kept low by transfers to other institutions. Of the admissions, 293 were by direct order of the court, 3 were voluntary, 6 were by transfer and 1 was returned from elopement. None of the voluntary cases were considered insane. Forty-one per cent. were born in Massachusetts; 42 per cent. were foreign born. The mean age of all cases admitted was forty-four years.

Of those who had never before been committed to a hospital for the insane, — 242 in number, — 177 had an incurable form of insanity. Twenty-five were over seventy years of age. The duration of insanity before their admission to the hospital averaged two and two-tenths years, being more than one year in nearly 100 cases. The principal causes of insanity in these cases were cerebral hemorrhage in 16, congenital deficiency in

36, senility in 46, intemperance in 66 and hereditary influences in 39. In considering the prospects of recovery these facts must be taken into account.

One hundred and forty-four persons were discharged: as recovered, 35; as capable of self-support, 29; as improved, 49; as not improved, 28; as not insane, 3. One hundred and eleven were transferred to the colonies at Grafton and Gardner. Thirty-six were on visit at the end of the year.

Eighty-five patients died, — 7.65 per cent. of all cases under treatment. Twenty-five of these died from general causes due to old age, 13 of cerebral hemorrhage, 10 of general paresis and 6 of pulmonary tuberculosis.

Hospital records in this State show that the percentage of recoveries is gradually becoming smaller, and in my opinion this must be expected, not because treatment is less skillful or scientific than formerly, nor because insanity is less amenable to treatment. I believe the superintendent of to-day is more conservative in his classification of results. Some of the patients who are nearly well are allowed to go home, with the hope that recovery will be hastened under the more favorable conditions of home influences and surroundings, and for such as do recover the hospital is not credited. A considerable number of mildly afflicted persons, able to get along comfortably at home and to help support themselves, who may be considered well by their friends, and who, indeed, may be about as well as ever, are not classified on discharge as recovered because, from a medical point of view, they are not in a normal mental condition. Then our records show that a larger number of cases unfavorable for recovery are committed than formerly, principally of organic brain disease and congenital and senile cases. Many of these latter were cared for at home or in almshouses. Those who were physically well were allowed to roam the streets of country towns and villages; being well known to their neighbors they were considered harmless and were tolerated in the neighborhood, especially as the towns had to pay for their support if they were sent to the State hospitals, but now that the State has assumed their support they are sent to the hospitals in increasing numbers. We also receive many aged and infirm, mildly insane or demented, who might be cared for at home if



some caretaker could be there to look out for them. Conditions have changed in recent years. Whereas it used to be easy to get piece work that could be taken home, so that the caretaker could be earning something and looking after the old person at the same time, opportunities to do so are now less frequent, and the one who would be caretaker must go from home to earn his wages.

During the past year we have had among the admissions 29 congenital cases and 36 patients who were seventy years of age or older. As shown in former reports, the number of patients admitted over seventy years of age has increased from a percentage of less than 2 per year during the first fifteen years of the operations of the hospital to a percentage of 12 at present; from a yearly average of 2 persons per year to 37 last year and 36 this year. The admission of so many of these cases alone operates to reduce the percentage of recoveries very considerably.

In the medical treatment of the insane we rely upon general measures to put the patient in good physical health. Elimination of the causes that induced the mental disorder, in so far as this is possible, and removal of the patient from the associations that tended to perpetuate it, with improvement of bodily nutrition, and mental diversion by means of amusement and occupation, are the chief factors in restoring normal mentality. We continue to make extensive use of hydrotherapeutics, the prolonged bath and the wet pack. For ten years we have made no use whatever of restraint, either mechanical or the so-called chemical restraint, and have no restraining apparatus in the hospital; and we make no use whatever of hypnotics.

We encourage amusements of all kinds. A list of the entertainments will be found later in this report. Patients have plenty of occupation in the routine ward work, housekeeping, cooking, ironing and making and mending of clothing of a large institution. Every year there is, necessarily, in buildings so old as these, a great amount of repair work. This is done with our own force of mechanics, carpenters and painters, in all of which work patients have given much assistance. Our tinware and mattresses are made by patients, and much of the repair of furniture, especially the cane-seating of chairs, is done by

them. Best of all for patients is the farm work and the digging of trenches, grading and caring for lawns.

Women patients cannot find as much to do on the grounds and out of doors, yet many were engaged in picking berries and pease in the summer. For some of the women who have nothing else to occupy them we have begun basketry, and hope it will prove to be an excellent means of diversion.

We have had 10 patients boarded out during the year. One of these had to be brought back to this hospital because of illness in the family where she was boarding, and 3 were transferred from our care to the care of the State Board of Insanity. We now have 7 patients boarded out, — 4 at the expense of the hospital, 2 supported by friends and 1 self-supporting.

The training school has had a successful year. Nine nurses were graduated: Misses Hannah Bollivar, Lillian Brown, Elizabeth Graham, Elida Hervieux, Eulalie J. Lamb, Katherine Reilly, Alice M. Robinson, Emily Stewart and Margaret F. Smith. On October 15 graduating exercises were held, at which Rev. Mr. Woods of Hatfield delivered the address and several members of the graduating class took part in the literary exercises. The presentation of diplomas was followed by refreshments and dancing.

Besides the regular class work, — sixty recitations and fifty-five lectures and demonstrations, — there were courses in cooking by Miss Baer of the Home Culture Clubs and in gymnasium work by Miss Eisenbrey of Smith College.

The training school proves to be of increasing benefit to the hospital by reason of attracting a better class of applicants and fitting them better to care for the patients. Fourteen of the graduates are now in the service of the hospital.

Miss Root, who has been an efficient superintendent of nurses, one of our own graduates, resigned in November to be married and the position has not yet been filled.

The general prosperity of the country during the past few years has enabled men to get work easily at good wages, consequently we have had difficulty in getting and keeping a sufficient number of men of satisfactory character for attendants. At times during the past summer we were decidedly embar-

rassed for want of enough men to care for the patients. The work is not attractive and men do not care to take a long course in training, as there is but little demand for trained male nurses, and the wages we can offer are not large. It is not likely that we can ever keep a sufficient number of good men till we can make the positions attractive by shorter hours and better wages. If to these we can add homelike accommodations for married couples we shall go a long way toward remedying the present situation.

It has been a busy year on the farm and many of the crops compare favorably in quantity with those of other years, but for some of them weather conditions were unfavorable. There was a large hay crop, a small one of potatoes and the yield of apples has been small. The orchards have suffered severely from San José scale and many trees have been destroyed. To replenish them we have started a new orchard near Sunset Hill, where several hundred trees have been planted.

We had an epidemic of cholera which caused the death of many hogs, nevertheless the yield of pork for the year was large, — 38,500 pounds.

Last year's examination of our herd of cows showed the presence of tuberculosis to a considerable degree. All infected animals were separated from the sound ones. Many of the former showed no physical signs of the disease and when slaughtered were found to have but a few small glands infected. Twenty-seven new cows were bought, after they had been tested and had not reacted. Yet when the annual test of the herd was made this fall several of the new ones and one of the old herd reacted. That only one of the old herd reacted is encouraging, as it seems to show that the old herd is practically immune. We have inoculated 22 calves and at the time of the test but one of these reacted, and the reaction in this case was doubtful. Consequently we feel that we have a nucleus for a herd that will be free from tuberculosis.

The total valuation of the farm products is high, as may be seen by reference to the table annexed, but this is partly accounted for by the market valuation of certain crops, which is higher than in previous years.

A new silo of a capacity of 175 tons has been erected.

As in former years, new pieces of land have been cleared and fitted for cultivation.

There have been frequent assemblies of patients, according to the custom of many years, for divine worship and for entertainments. Every Lord's Day afternoon there have been services conducted by one of the clergymen of Northampton or some neighboring town. The following list shows the varied character of the entertainments, which are always well attended: December 1, songs and readings, Mr. Eeles; December 17, card party; December 25, Christmas tree; January 5, drama, "Hickory Farm," Mr. Paine and Red Men's Club; February 4, musicale, nurses and attendants; February 16, musicale, Mr. Harrell; February 23, readings and piano recital, Mr. Paine and Miss Butler; March 2, readings, Mr. Truman; March 9, musicale, Peterson family; March 12, moving pictures, Mr. Robinson; March 19, musicale, the Marshalls; April 5, musicale, Misses Woods and Miss Wells; April 15, ventriloquist, Mr. Bryant; April 17, minstrels, men patients and attendants; April 24, violin and songs, Mr. Taggart; April 29, crayon artist, Mr. Little; May 6, readings, Miss Elliott; May 15, readings, Miss Stallings; May 21, piano and song recital, Miss Abell, Miss Fitts and Professor Mills; September 25, musicale, Mr. Bill and Mr. Bradley; October 9, stereopticon lecture, Mr. Fishback; October 12, impersonations, Mr. Blood; October 15, graduating exercises of training school for nurses; October 31, Hallowe'en party; November 7, violin and songs, Mr. Taggart; November 12, readings and songs, Mr. and Mrs. Mills; November 25, readings and songs, Mr. Brigham. In addition to the above there have been fifty-six readings, three concerts and twenty-six dances.

The various matters for which special appropriations were made in the spring have been attended to and are well under way. As reported above, the appropriation for cows has been expended. A new dough mixer and other material for the bakery have been installed and prove to be very satisfactory in operation. Electric lights along the driveway and footpath have been installed, with the exception of a short connecting

length, and will soon be in operation. The greenhouse will be ready for use in two or three weeks. Several hundred feet of 10-inch water pipe have been laid, to give a better water supply for fire-protection purposes, and several hydrants have been set up. Enough pipe has been purchased and delivered to complete the circuit of the hospital and will be laid as soon as the ground is thawed in the spring.

It is my great pleasure to record a beautiful gift to the hospital by Mrs. L. D. James, in memory of Mr. James, who for twenty-four years, from 1879 to 1903, as trustee of the hospital, was active in all that pertained to the management of the hospital, and always exhibited the deepest interest in the welfare of its patients.

The memorial is a recreation pavilion for the men. It is beautifully situated in the grove at the north and east of the hospital, protected from the winds of winter and shaded from the summer heat, near enough to be easily accessible and to be lighted and heated from our main plant. In the summer, croquet grounds will be laid out near by. Inside, at the right of the entrance, is a smoking and card room with fireplace, at the left is a billiard room and directly in front is a bowling alley. In addition there are toilet rooms and a room for the caretaker. This building will be a gathering place for patients throughout the day and evening and for employees while off duty. It will be greatly appreciated by all who may use it.

Mr. James was pleased with the pavilion for the women, erected several years ago, and had spoken of the need of one for the men. It is very fitting that a memorial in his honor should have taken this form.

The hospital has many friends, including former patients and their relatives, who frequently show their interest by gifts of various kinds. We have thus been generously remembered during the year by the following persons, who have our thanks for their contributions and not less for their sympathetic interest: presents for the Christmas tree from Mrs. W. T. Parker, Mrs. J. L. Egbert and Mr. T. L. Beardsworth of Springfield; magazines, papers and books from Mr. C. B. Kingsley of Northampton, Miss A. K. Gorham of Northampton, Messrs. Bridg-

man & Lyman of Northampton, Mrs. L. D. James of Williamsburg, Miss Mattie Y. Fobes of Springfield and Mr. G. F. Rider of Springfield; the "Christian Leader," "Dumb Animals" and "Berkshire County Eagle" have been received regularly.

The successful management of a hospital depends in great measure upon the loyalty and faithful service of officers and employees. It is my pleasure to accord acknowledgment of the continued faithfulness to duty of my associates.

JOHN A. HOUSTON,  
*Superintendent.*

## DIETARY OF THE NORTHAMPTON STATE HOSPITAL.

[There are two bills of fare, the first of which is supplied to the tables of about three hundred persons, and the second to those of somewhat over three hundred. In addition to these, about 190 quarts of egg and milk are taken through the wards between meals and at bed time, and distributed to the old, the feeble and the convalescent classes.]

### BILL OF FARE No. 1.

#### BREAKFAST.

*Monday.* — Tea, oatmeal, coffee, broiled beefsteak or eggs, potatoes, warm rolls ("bisenit"), bread and butter.

*Tuesday.* — Tea, coffee, oatmeal, fried tripe,<sup>1</sup> potatoes, warm rolls, bread and butter.

*Wednesday.* — Tea, coffee, oatmeal, broiled beefsteak or eggs, potatoes and warm brown (rye and Indian) bread.

*Thursday.* — Tea, coffee, oatmeal, broiled beefsteak, potatoes, warm rolls, bread and butter.

*Friday.* — Tea, coffee, oatmeal, fried tripe,<sup>1</sup> potatoes, warm rolls, bread and butter.

*Saturday.* — Tea, coffee, oatmeal, either fried fish-balls or liver, meat hash, hot corn cake, bread and butter.

*Sunday.* — Tea, coffee, oatmeal, eggs, potatoes, warm rolls, bread and butter and fried Indian corn pudding.

#### DINNER.

*Monday.* — Roast beef, potatoes and one other vegetable,<sup>2</sup> bread and butter, boiled rice with syrup or sugar.

*Tuesday.* — Vegetable soup, roast or stewed veal,<sup>3</sup> potatoes and one other vegetable,<sup>2</sup> bread and butter, and baked Indian pudding.

*Wednesday.* — Either roasted or boiled mutton, potatoes and one other vegetable,<sup>2</sup> bread and butter, and berry or apple pudding, with sauce.<sup>4</sup>

*Thursday.* — Vegetable soup, corned beef, potatoes and one other vegetable,<sup>2</sup> bread and butter, and boiled suet pudding, with syrup.

<sup>1</sup> Tripe is replaced in winter by sausages, and in spring by fried ham and eggs, except in the season of shad, when that fish is given once each week instead of ham and eggs, and once instead of beefsteak.

<sup>2</sup> At least three vegetables during the summer.

<sup>3</sup> Substituted in winter by fresh pork ribs, roasted.

<sup>4</sup> In spring, maple syrup is used as sauce for puddings.

*Friday.* — Either fried or baked fresh fish,<sup>1</sup> or stewed or roasted veal, potatoes and one other vegetable,<sup>2</sup> bread and butter, and tapioca pudding or raisin pudding of either rice, bread or cracker.

*Saturday.* — Baked beans, corned beef, potatoes and one other vegetable,<sup>2</sup> pickles, bread and butter, and baked bread pudding.

*Sunday.* — Stewed mutton, sweet potatoes, warmed baked beans, pickles, bread and butter and pies, the kind varying with the season.

#### SUPPER.

*Monday.* — Tea and bread, warm corn cake and butter, hard ginger-bread and a relish.<sup>3</sup>

*Tuesday.* — Tea, white bread, graham bread and butter, soft ginger-bread and a relish in the warm season, substituted by buckwheat cakes in the cold season.

*Wednesday.* — Tea, bread and butter, pie (the kind varying with the season), and ginger snaps and a relish.

*Thursday.* — Tea, bread and butter, cookies and cheese.

*Friday.* — Tea, bread and butter, cake (the kind varying) and a relish.

*Saturday.* — Tea, bread and butter, doughnuts and cheese.

*Sunday.* — Tea, bread and butter, cookies and ginger snaps and blanch-mange or corn starch.

*Extra.* — In the winter and spring months hulled corn at supper, once in two weeks, on Saturdays.

#### BILL OF FARE No. 2.

##### BREAKFAST.

*Monday.* — Coffee, oatmeal, boiled eggs, potatoes, and bread and butter.

*Tuesday.* — Coffee, oatmeal, cold roast beef, potatoes, and bread and butter.

*Wednesday.* — Coffee, oatmeal, meat stew or boiled eggs, potatoes, and warm rye and Indian corn brown bread and butter.

*Thursday.* — Coffee, oatmeal, pickled codfish cooked in milk, potatoes, and bread and butter.

*Friday.* — Coffee, oatmeal, cold corned beef or meat stew, potatoes, and bread and butter.

*Saturday.* — Coffee, oatmeal, hash, either of meat or fish, and bread and butter.

*Sunday.* — Coffee, oatmeal, boiled eggs, potatoes, and bread and butter.

##### DINNER.

*Monday.* — Roast beef, potatoes and one other vegetable,<sup>2</sup> boiled hominy with molasses, and bread.

<sup>1</sup> Substituted by stewed oysters in winter and spring, with some kind of roasted meat for those who prefer it.

<sup>2</sup> At least three vegetables during the summer.

<sup>3</sup> This term, used for the want of a better, includes dried beef, berries, baked apples, apple sauce and canned fruits, all of which are supplied, and each according to the season.



*Tuesday.*—Vegetable soup, potatoes and one other vegetable,<sup>1</sup> baked Indian pudding<sup>2</sup> and bread.

*Wednesday.*—Boiled codfish with drawn-butter sauce, potatoes and one other vegetable,<sup>1</sup> boiled hasty pudding with molasses, and bread.

*Thursday.*—Vegetable soup, potatoes, cabbage or some other vegetable,<sup>1</sup> boiled rice with molasses,<sup>3</sup> and bread.

*Friday.*—Boiled fresh fish with drawn-butter sauce, potatoes, beets or some other vegetable,<sup>1</sup> boiled hasty pudding with molasses, and bread.

*Saturday.*—Hot baked beans, potatoes, baked Indian or bread pudding, pickles and bread.

*Sunday.*—Cold corned beef, potatoes, pies (the kind varying with the season) and bread.

#### SUPPER.

*Monday.*—Tea, bread and butter, and hard gingerbread.

*Tuesday.*—Tea, bread and butter, and soft gingerbread.

*Wednesday.*—Tea, bread and butter, cake or ginger snaps, and some kind of relish.

*Thursday.*—Tea, bread and butter, and cookies.

*Friday.*—Tea, bread and butter, and soft gingerbread.

*Saturday.*—Tea, bread and butter, cake or ginger snaps, sauce.

*Sunday.*—Tea, bread and butter, and cookies.

#### EXTRAS.

In the winter and spring months, hulled corn at supper on Saturdays.

In August and September these tables are furnished at supper with either berries, tomatoes or baked apples, as many as five times a week.

In eight halls, sauce of either fresh or dried apples is furnished four times a week for the rest of the year.

#### EXTRAS FOR THE WHOLE HOUSEHOLD.

All persons have roasted turkey at dinner on Thanksgiving Day and on Christmas, with vegetables, celery, cranberry sauce, pudding, pie and cider.

From four to five bushels of green sweet corn in the ear is consumed in its season, daily, with the exception of Sunday.

Strawberries, tomatoes, cucumbers and melons are furnished in liberal quantities in their season.

In the spring, cowslips and dandelions are largely used as greens, and horse-radish as a condiment.

During eight months of the year, apples are distributed, daily, among the patients.

Beef tea, chicken broth, mutton broth, scalded milk, arrow-root gruel, oatmeal gruel, milk punch, cracked wheat, oatmeal porridge, dry toast, milk toast, toast with dropped egg, and boiled eggs, for invalids and all who are not able to take the regular fare.

<sup>1</sup> At least three vegetables in the summer.

<sup>2</sup> All baked puddings for the whole household are made with milk.

<sup>3</sup> Maple syrup is furnished, in place of molasses, three or four times in the spring.

## ARTICLES MADE IN SEWING ROOM.

Aprons, . . . . .	448	Night gowns, . . . . .	374
Bandages, . . . . .	14	Night caps, . . . . .	25
Bath robes, . . . . .	9	Pillow covers, . . . . .	1,051
Bureau covers, . . . . .	376	Pillow ticks, . . . . .	193
Cape, . . . . .	1	Rugs, . . . . .	109
Caps, . . . . .	319	Sheets, . . . . .	908
Chemises, . . . . .	184	Shirts, . . . . .	755
Cloth bags, . . . . .	40	Shirt waists, . . . . .	11
Corset covers, . . . . .	4	Skirts, . . . . .	123
Curtains, . . . . .	206	Tablecloths, . . . . .	147
Curtains, lace draperies, . . . . .	10	Towels, . . . . .	3,164
Drawers, . . . . .	15	Tray cloths, . . . . .	112
Dresses, . . . . .	222	Table pads, . . . . .	4
Dressing sack, . . . . .	1	Stand covers, . . . . .	125
Mattress ticks, . . . . .	176	Articles repaired, . . . . .	28,449
Milk cloths, . . . . .	84		

## UPHOLSTERY DONE IN THE YEAR.

Hair mattresses made, new material, . . . . .	27
Hair mattresses made, new ticks, . . . . .	84
Hair mattresses made, old material, . . . . .	58
Hair pillows made, new material, . . . . .	6
Hair pillows made, new ticks, . . . . .	48
Hair pillows made, old material, . . . . .	22
Feather pillows made, new ticks, . . . . .	3

## OFFICERS AND EMPLOYEES.

[Time employed, Nov. 30, 1907.]

NAMES.	Years.	Months.	Days.
John A. Houston, M.D., superintendent, . . . . .	18	2	7
Harriet M. Wiley, M.D., assistant physician, . . . . .	7	9	29
Charles H. Dean, M.D., assistant physician, . . . . .	7	6	21
Grace E. B. Rice, M.D., assistant physician, . . . . .	4	—	27
Edward W. Whitney, M.D., assistant physician, . . . . .	2	2	11
C. Stanley Raymond, M.D., assistant physician, . . . . .	1	5	—
Lewis F. Babbitt, treasurer, . . . . .	16	1	18
Burton G. Fiske, superintendent of nurses, . . . . .	4	1	15
Alice E. Bedell, assistant superintendent of nurses, . . . . .	5	3	20
Susan E. Warren, matron, . . . . .	13	8	8
Martha G. Jones, secretary to superintendent, . . . . .	14	4	11
Helen M. Bailey, stenographer, . . . . .	1	5	26
John Mercier, farmer, . . . . .	40	4	—
Joseph G. Cook, farmer, . . . . .	1	4	5
Lucy A. Gilbert, clothes marker, . . . . .	39	10	17
George N. Drury, steward, . . . . .	10	2	—
William J. Moore, assistant steward, . . . . .	11	1	3
Herbert W. Root, assistant steward, . . . . .	8	6	22
Jay E. Cook, baker, . . . . .	8	9	—
Leon E. Bruce, assistant baker, . . . . .	2	5	4
George W. Thorniley, florist, . . . . .	14	7	11
Waverly D. Packard, engineer, . . . . .	—	5	13
Leroy Kellogg, assistant engineer, . . . . .	3	7	6
Thomas Butterworth, assistant engineer, . . . . .	—	—	17
William C. Day, fireman, . . . . .	16	7	29
Lester Ring, fireman, . . . . .	—	1	7
Gottlieb Beer, fireman, . . . . .	—	—	12
Earl Kron, fireman, . . . . .	—	5	8
Helfrid N. Fiske, seamstress, . . . . .	1	10	19
Jennie M. Hope, assistant seamstress, . . . . .	—	10	17
Clare Sweeney, assistant seamstress, . . . . .	—	10	9
Charles E. Williams, laundryman, . . . . .	10	2	29
Margaret Sweeney, laundress, . . . . .	2	9	27
Ellen Moore, laundress, . . . . .	1	5	2
Margaret Tobin, laundress, . . . . .	—	5	9
Mary Shea, laundress, . . . . .	—	6	3
Ada C. Fiskett, usher, . . . . .	2	1	14
Mabel Dean, cook, . . . . .	—	6	7
Harry W. Love, watchman, . . . . .	3	11	22
Fred D. Aldrich, nurse, . . . . .	9	4	8
Alexander Beaton, nurse, . . . . .	2	4	14
George Begor, nurse, . . . . .	—	7	2
William Brewer, nurse, . . . . .	—	3	2
Secarl Brewster, nurse, . . . . .	—	1	25
John W. Bunnell, nurse, . . . . .	—	1	9

NAMES.	Years.	Months.	Days.
Hector Chagnon, nurse, . . . . .	-	-	14
Fred C. Colthurst, nurse, . . . . .	1	2	26
Charles O. Dauren, nurse, . . . . .	-	-	18
William Dillon, nurse, . . . . .	-	-	18
L. L. Edwards, nurse, . . . . .	1	6	22
A. V. Elmer, nurse, . . . . .	1	2	11
Thomas C. Fickett, nurse, . . . . .	3	9	25
Elmer C. Green, nurse, . . . . .	-	1	1
John E. Harkness, nurse, . . . . .	-	5	15
George Hood, nurse, . . . . .	-	1	16
Noah Haskell, nurse, . . . . .	-	6	-
Robert Jackson, nurse, . . . . .	1	5	19
Arthur Joslyn, nurse, . . . . .	1	1	27
Clayton Kellogg, nurse, . . . . .	-	2	25
John J. Lively, nurse, . . . . .	-	1	26
James Moore, nurse, . . . . .	-	1	27
Frank O'Neil, nurse, . . . . .	-	1	16
Charles Pease, nurse, . . . . .	1	6	6
Robert A. Pike, nurse, . . . . .	7	5	-
Fred B. Potter, nurse, . . . . .	-	-	7
Amos Purdy, nurse, . . . . .	-	1	23
Charles Rathburn, nurse, . . . . .	3	-	-
George Smith, nurse, . . . . .	-	5	21
Henry Whiting, nurse, . . . . .	-	1	11
Frank Wilson, nurse, . . . . .	-	2	3
Corinnie Blodgett, nurse, . . . . .	2	5	25
Hannah Bollivar, nurse, . . . . .	2	2	-
Marie Bollivar, nurse, . . . . .	2	2	-
Lillian Brown, nurse, . . . . .	2	9	5
Sadie Brown, nurse, . . . . .	2	10	5
Daisy R. Colton, nurse, . . . . .	4	7	24
Louise Coulter, nurse, . . . . .	1	4	27
Lois Crandall, nurse, . . . . .	-	10	28
Addie Daggett, nurse, . . . . .	-	1	16
Lulu Drew, nurse, . . . . .	-	2	12
Annie Edwards, nurse, . . . . .	1	6	21
Elizabeth Graham, nurse, . . . . .	3	-	10
Sophie Heizmann, nurse, . . . . .	1	8	15
Elida Hervieux, nurse, . . . . .	2	8	7
Leona Jacques, nurse, . . . . .	-	10	28
Elizabeth James, nurse, . . . . .	1	5	11
Mabel James, nurse, . . . . .	1	6	22
Clara Ladue, nurse, . . . . .	2	10	4
Effie Mahy, nurse, . . . . .	3	4	24
Josephine Mason, nurse, . . . . .	-	4	3
Belle McLaurin, nurse, . . . . .	5	6	3
Ethel Montena, nurse, . . . . .	-	10	2
Ida Nelson, nurse, . . . . .	-	1	2
Lillian Purdy, nurse, . . . . .	-	7	23
Madelena Rice, nurse, . . . . .	3	1	13
Kate Riley, nurse, . . . . .	4	1	23
Alice Robinson, nurse, . . . . .	2	1	14
Cora Roy, nurse, . . . . .	1	1	26
Lulu Simmons, nurse, . . . . .	-	2	11
Pearl Simmons, nurse, . . . . .	1	1	16

NAMES.	Years.	Months.	Days.
Annie Smith, nurse, . . . . .	-	11	-
Blanche Smith, nurse, . . . . .	-	2	-
Margaret Smith, nurse, . . . . .	2	10	-
Josephine Staudinger, nurse, . . . . .	-	1	20
Emily Stewart, nurse, . . . . .	3	-	2
May Stiles, nurse, . . . . .	-	1	16
Mary Sullivan, nurse, . . . . .	2	2	2
Mattie Taylor, nurse, . . . . .	1	2	19
Niola Watson, nurse, . . . . .	1	5	19
Phœbe Wheeler, nurse, . . . . .	1	10	20
Annie Wilson, nurse, . . . . .	1	3	24
Gertrude Wilson, nurse, . . . . .	1	3	24
Amy Yeo, nurse, . . . . .	1	1	16
Harriet Briggs, rear housework, . . . . .	6	3	22
Catherine Hall, center housework, . . . . .	-	5	8
Jennie Pedersen, housework, . . . . .	1	2	27
Rhoda French, dining room, . . . . .	-	2	12
Lillian Ellsworth, center dining room, . . . . .	2	11	11
Margaret Powers, center dining room, . . . . .	-	1	19
Harry B. Ballard, kitchen, . . . . .	1	6	27
Lizzie Roy, kitchen, . . . . .	1	1	26
Ellen McGrath, kitchen, . . . . .	-	7	-
Julia Dumar, kitchen, . . . . .	-	3	6
Victoria Filipek, kitchen, . . . . .	1	3	27
Agnes Gnoctie, kitchen, . . . . .	1	4	-
Maggie Gnoctie, kitchen, . . . . .	-	3	20
Sifroi Belleville, carpenter, . . . . .	36	5	29
Albert DeGrandpre, carpenter, . . . . .	2	10	-
Walter M. Tower, carpenter, . . . . .	28	10	-
Albert C. Burnett, painter, . . . . .	1	6	28
Alfred Parenteau, painter, . . . . .	40	3	17
Thomas P. Clair, plumber, . . . . .	9	7	-
Martin Sornborger, plumber, . . . . .	4	-	6
Roscoe Tobin, plumber, . . . . .	5	-	28
John Cahill, mechanic, . . . . .	-	1	-
David Mereier, coachman, . . . . .	30	9	13
Alex G. Wylie, gardener, . . . . .	2	11	27
H. Ohrstrom, gardener, . . . . .	1	5	25
Walter Streeter, herdsman, . . . . .	4	3	1
Cornelius Bary, farmer, . . . . .	-	8	-
Xavier Dion, farmer, . . . . .	14	5	16
Thomas Drozdial, farmer, . . . . .	3	-	-
Henry F. Egleston, farmer, . . . . .	5	5	27
Henry Fuller, farmer, . . . . .	6	9	2
Frank Keyes, farmer, . . . . .	1	11	25
Nicholas Krajnyak, farmer, . . . . .	2	7	11
Philip Kron, farmer, . . . . .	-	5	-
E. S. Linscott, farmer, . . . . .	1	3	1
Henry McCoy, farmer, . . . . .	-	8	10
B. McNamara, farmer, . . . . .	9	7	8
Fred Noyes, farmer, . . . . .	2	2	9
James Ruddy, farmer, . . . . .	-	1	26
F. H. Sauborn, . . . . .	-	6	22
Joseph Young, farmer, . . . . .	2	8	-
William Zaskey, farmer, . . . . .	-	5	19

LIST OF PERSONS REGULARLY EMPLOYED  
AT THE NORTHAMPTON STATE  
HOSPITAL.

---

Superintendent and physician (per year), . . . . .	\$3,000 00
Assistant physician (per year), . . . . .	1,200 00
Assistant physician (per year), . . . . .	1,000 00
Assistant physician (per year), . . . . .	900 00
Assistant physician (per year), . . . . .	900 00
Assistant physician (per year), . . . . .	700 00
Treasurer and clerk (per year), . . . . .	1,800 00
Engineer, with house rent (per year), . . . . .	1,000 00
Farmer, with house rent (per year), . . . . .	1,000 00
Farmer, with house rent (per year), . . . . .	780 00
Florist, without board (per year), . . . . .	700 00
Matron (per month), . . . . .	40 00
Superintendent of nurses (per month), . . . . .	45 00
Assistant superintendent of nurses (per month), . . . . .	37 00
Secretary to superintendent (per month), . . . . .	40 00
Stenographer (per month), . . . . .	30 00
Seamstress (per month), . . . . .	25 00
Assistant seamstress (per month), . . . . .	20 00
Assistant seamstress (per month), . . . . .	18 00
Laundryman (per month), . . . . .	50 00
Laundresses (4) (per month), . . . . .	\$18 00 to 22 00
Baker (per month), . . . . .	50 00
Assistant baker (per month), . . . . .	40 00
Steward, with partial board (per month), . . . . .	60 00
Assistant steward (per month), . . . . .	50 00
Assistant steward (per month), . . . . .	40 00
Nurses (men, 31) (per month), . . . . .	\$25 00 to 37 00
Nurses (women, 43) (per month), . . . . .	16 00 to 30 00
Usher (per month), . . . . .	18 00
Housemaids (3) (per month), . . . . .	18 00
Waitresses (3) (per month), . . . . .	\$16 00 to 18 00



## FARM PRODUCTS.

Apples, 425 barrels, . . . . .	\$1,275 00
Asparagus, 25 bushels, . . . . .	106 25
Beans, Lima, improved, 90 bushels, . . . . .	135 00
Beans, shelled, 55 bushels, . . . . .	68 75
Beans, string, 163 bushels, . . . . .	163 00
Beef, 38,911 pounds, . . . . .	2,654 02
Beet greens, 23 bushels, . . . . .	8 05
Beets, table, 311 bushels, . . . . .	155 50
Broom corn, 1,500 pounds, . . . . .	90 00
Broom corn seed, 1,000 pounds, . . . . .	50 00
Cabbage, 11,040 heads, . . . . .	552 00
Carrots, 406 bushels, . . . . .	243 60
Cauliflower, 490 heads, . . . . .	49 00
Celery, 400 dozen bunches, . . . . .	340 00
Cherries, 32 quarts, . . . . .	4 00
Chicken, broilers, 570 pounds, . . . . .	142 50
Chicken, roast, 930 pounds, . . . . .	204 60
Cider, 1,139 gallons, . . . . .	113 90
Citron, 2,000 pounds, . . . . .	60 00
Corn, fodder, 50 tons, . . . . .	250 00
Corn, green, 326 bushels, . . . . .	244 50
Corn, shelled, 250 bushels, . . . . .	200 00
Cucumbers, 105 bushels, . . . . .	210 00
Cucumbers, pickles, 5 bushels, . . . . .	8 00
Eggs, 647 dozen, . . . . .	226 45
Egg plant, 1½ barrels, . . . . .	3 00
Ensilage, 600 tons, . . . . .	3,000 00
Fowl, 419 pounds, . . . . .	62 85
Hay, first growth, 373 tons, . . . . .	6,714 00
Hay, second growth, 81 tons, . . . . .	972 00
Ice, 600 tons, . . . . .	1,890 00
Lettuce, 207 bushels, . . . . .	155 25
Lumber, 6,404 feet, . . . . .	153 69
Melons, musk, 86 crates, . . . . .	150 50
Melons, water, 10,000 pounds, . . . . .	150 00
Milk, 233,688 quarts, . . . . .	11,684 40
Onions, 301 bushels, . . . . .	255 85
Oat and pea fodder, 20 tons, . . . . .	100 00
Parsley, 8 bushels, . . . . .	4 00
Parsnips, 250 bushels, . . . . .	187 50
<i>Amount carried forward,</i> . . . . .	<u>\$32,947 16</u>



<i>Amount brought forward,</i>		£32,947 16	
Pears, 5 bushels,		8 75	
Pease, 133½ bushels,		133 50	
Peppers, 4 bushels,		3 00	
Plums, 10 baskets,		3 00	
Pork, 38,531 pounds,		3,082 48	
Posts, fence, 200,		50 00	
Poles, telephone, 24,		48 00	
Potatoes, 1,579 bushels,		1,263 20	
Pumpkins, 6,725 pounds,		201 75	
Quince, 1 bushel,		2 00	
Raspberries, 74 quarts,		7 40	
Radishes, 142 dozen bunches,		56 80	
Rhubarb, 17,825 pounds,		356 50	
Rye, 19,600 pounds,		980 00	
Rye straw, 20 tons,		260 00	
Sage, 2 bushels,		2 00	
Sorghum, 22 tons,		110 00	
Spinach, 261 bushels,		104 40	
Squash, summer, 70½ barrels,		70 50	
Squash, winter, 104½ barrels,		156 75	
Strawberries, 1,732 quarts,		138 56	
Tomatoes, 88 bushels,		66 00	
Turnips, 435 barrels,		543 75	
Veal, 1,075 pounds,		118 25	
Wood, 102 cords,		459 00	
			£41,172 75
Sales:—			
Calves, 17,		£138 00	
Cows, 3,		45 00	
Eggs, 32 dozen,		14 85	
Hides, 3,321 pounds,		343 86	
Pigs, 308,		979 40	
Poultry, 1,		1 28	
Sand and stones,		5 20	
Miscellaneous,		23 50	
			1,551 09
Total,			£42,723 84
Live stock belonging to the hospital:—			
Bulls, 3,		\$300 00	
Calves, 14,		280 00	
Cows, 63,		5,015 00	
Fowls, 250,		187 50	
Heifers, 20,		720 00	
Horses, 19,		3,550 00	
Oxen, 16,		1,400 00	
Swine, 179,		1,521 50	
Total live stock,			\$12,974 00

## VALUATION.

### REAL ESTATE.

Five hundred and eleven acres of land (cultivated, 233; wood-land, 93; pasturage, 185), . . . . .	\$56,900 00
Hospital building, . . . . .	600,000 00
Farmhouse, . . . . .	1,500 00
Brick house, . . . . .	1,700 00
Six dwellings, . . . . .	5,000 00
Storehouse, shops and cold storage, . . . . .	30,000 00
Two barns, . . . . .	5,000 00
Cow stable, . . . . .	13,000 00
Horse stable, . . . . .	6,000 00
Piggery, . . . . .	3,000 00
Lumber shed, . . . . .	850 00
Cart shed, . . . . .	400 00
Pump house, . . . . .	400 00
Two ice houses, . . . . .	300 00
Total real estate, . . . . .	\$724,050 00

### PERSONAL ESTATE.

Inventory of stock and supplies on hand Nov. 30, 1907:—

Live stock on farm, . . . . .	\$12,974 00
Produce of farm on hand, . . . . .	16,985 89
Carriages and agricultural implements, . . . . .	5,965 00
Machinery and mechanical fixtures, . . . . .	21,750 00
Beds and bedding in inmates' department, . . . . .	16,000 00
Other furniture in inmates' department, . . . . .	10,800 00
Personal property of State in superintendent's department, . . . . .	10,000 00
Ready-made clothing, . . . . .	2,218 58
Dry goods, . . . . .	1,530 65
Provisions and groceries, . . . . .	11,463 74
Drugs and medicines, . . . . .	600 00
Fuel, . . . . .	4,970 64
Library, . . . . .	1,250 00
Tobacco, . . . . .	122 50
Other supplies, undistributed, . . . . .	3,206 13
Total personal estate, . . . . .	\$119,837 13

## TREASURER'S REPORT.

*To the Trustees of the Northampton State Hospital.*

I herewith submit a report of the finances of the Northampton State Hospital from Dec. 1, 1906, to Nov. 30, 1907.

### RECEIPTS.

To support of patients, viz.:—

From soldiers' relief, . . . . .	\$155 52	
From individuals, . . . . .	30,405 88	
		\$30,561 40

Reimbursements, viz.:—

Received at institution, . . . . .	\$8,675 11	
Received by State Board of Insanity, . . . . .	3,184 68	
		11,859 79

Interest on bank deposit, . . . . .	\$94 11	
Wages and freight refunded and insurance dividend, . . . . .	37 56	
		131 67

Sales:—

Food, . . . . .	\$147 05	
Clothing, . . . . .	219 48	
Furnishings, . . . . .	4 38	
Repairs and improvements, . . . . .	269 40	
Farm, stable and grounds, . . . . .	1,551 09	
Miscellaneous, . . . . .	731 83	
		2,923 23

\$45,476 09

Received from State Treasurer, viz.:—

For current expenses, . . . . .	\$151,815 65	
For advance, . . . . .	1,000 00	
For special appropriations, . . . . .	11,775 65	
		164,591 30

Total receipts, . . . . . \$210,067 39

## PAYMENTS.

*Maintenance.*

Salaries, wages and labor:—		
Medical service, . . . . .	\$7,241 55	
Ward service (male, \$10,223.04; female, \$9,882),	20,105 04	
General administration, . . . . .	16,269 94	
Repairs and improvements, . . . . .	6,099 14	
Farm, stable and grounds, . . . . .	9,720 42	
	<hr/>	\$59,436 09
Food:—		
Butter, . . . . .	\$9,402 93	
Beans, . . . . .	380 18	
Bread and crackers, . . . . .	545 82	
Cereals, rice, meal, etc., . . . . .	1,289 81	
Cheese, . . . . .	314 15	
Eggs, . . . . .	5,775 00	
Flour, . . . . .	4,405 13	
Fish, . . . . .	2,379 70	
Fruit (dried and fresh), . . . . .	2,097 76	
Meats, . . . . .	5,748 82	
Milk, . . . . .	1,922 20	
Molasses and syrup, . . . . .	532 04	
Sugar, . . . . .	3,104 32	
Tea, coffee, broma and cocoa, . . . . .	1,458 68	
Vegetables, . . . . .	1,242 30	
Lard, . . . . .	391 38	
Yeast, . . . . .	243 00	
Salt, . . . . .	96 85	
Sundries, . . . . .	432 15	
	<hr/>	41,762 02
Clothing and clothing material:—		
Boots, shoes and rubbers, . . . . .	\$1,220 44	
Clothing, . . . . .	1,510 23	
Dry goods for clothing, and small wares, . . . . .	1,257 74	
Furnishing goods, . . . . .	285 47	
Hats and caps, . . . . .	155 98	
Sundries, . . . . .	51 49	
	<hr/>	4,481 35
Furnishings:—		
Beds, bedding, table linen, etc., . . . . .	\$2,395 70	
Brushes, brooms, etc., . . . . .	364 62	
Carpets, rugs, etc., . . . . .	774 52	
Crockery, glassware, cutlery, etc., . . . . .	427 42	
Furniture and upholstery, . . . . .	119 37	
Kitchen furnishings, . . . . .	34 48	
	<hr/>	
<i>Amounts carried forward,</i> . . . . .	\$1,116 11	\$105,679 46

<i>Amounts brought forward,</i> . . . . .	\$4,116 11	\$105,679 46
Wooden ware, buckets, pails, etc., . . . . .	40 74	
Sundries, . . . . .	129 85	
	<hr/>	4,286 70
Heat, light and power:—		
Coal, . . . . .	\$9,560 06	
Wood, . . . . .	67 44	
Electricity, . . . . .	1 84	
Gas, . . . . .	147 94	
Oil, . . . . .	125 48	
Sundries, . . . . .	122 55	
	<hr/>	10,025 31
Repairs and improvements:—		
Cement, lime and plaster, . . . . .	\$184 81	
Doors, sashes, etc., . . . . .	33 91	
Electrical work and supplies, . . . . .	887 35	
Hardware, . . . . .	731 45	
Lumber, . . . . .	537 92	
Paints, oil, glass, etc., . . . . .	1,615 46	
Plumbing, steam fitting and supplies, . . . . .	856 21	
Roofing and materials, . . . . .	25 09	
Mechanics and laborers (not on pay roll), . . . . .	402 41	
Supplies for cold storage, . . . . .	47 56	
Sundries, . . . . .	154 49	
	<hr/>	5,476 66
Farm, stable and grounds:—		
Blacksmith and supplies, . . . . .	\$445 31	
Carriages, wagons, etc., and repairs, . . . . .	525 28	
Fertilizers, vines, seeds, etc., . . . . .	1,726 16	
Hay, grain, etc., . . . . .	8,316 76	
Harnesses and repairs, . . . . .	292 73	
Horses, . . . . .	1,049 00	
Cows, . . . . .	27 00	
Other live stock, . . . . .	872 00	
Labor (not on pay roll), . . . . .	225 46	
Rent, . . . . .	52 80	
Tools, farm machines, etc, . . . . .	1,256 66	
Sundries, . . . . .	281 70	
	<hr/>	15,070 86
Miscellaneous:—		
Books, periodicals, etc, . . . . .	\$223 27	
Chapel services and entertainments, . . . . .	871 04	
Freight, expressage and transportation, . . . . .	1,092 73	
Funeral expenses, . . . . .	83 00	
Gratuities, . . . . .	10 00	
Labor (not on pay roll), . . . . .	176 00	
Medicines and hospital supplies, . . . . .	1,343 33	
	<hr/>	
<i>Amounts carried forward,</i> . . . . .	\$3,769 37	\$140,538 99

<i>Amounts brought forward,</i> . . . . .	\$3,769 37	\$140,538 99
Medical attendance, nurses, etc., extra, . . . . .	770 82	
Postage, . . . . .	223 40	
Printing and printing supplies, . . . . .	149 60	
Printing annual report, . . . . .	159 62	
Return of runaways, . . . . .	58 77	
Soap and laundry supplies, . . . . .	1,345 64	
Stationery and office supplies, . . . . .	185 73	
Travel and expenses (officials), . . . . .	534 91	
Telephone and telegraph, . . . . .	130 56	
Tobacco, . . . . .	619 15	
Water, . . . . .	2,921 05	
Sundries, . . . . .	408 04	
		<u>11,276 66</u>
Total expenses for maintenance, . . . . .		\$151,815 65
Paid out of special appropriations, . . . . .		11,775 65
Cash advance paid to State Treasurer, . . . . .		1,000 00
Receipts paid to State Treasurer, . . . . .		45,476 09
		<u>\$210,067 39</u>

## RESOURCES AND LIABILITIES.

*Resources.*

Balance of maintenance appropriation with State Treasurer, . . . . .	\$13,573 24	
Unexpended special appropriations, . . . . .	20,788 58	
		<u>\$34,361 82</u>

*Liabilities.*

## On account of maintenance:—

Salaries and wages, . . . . .	\$5,289 55	
Food, . . . . .	1,976 55	
Clothing, . . . . .	856 69	
Furnishings, . . . . .	746 69	
Heat, light and power, . . . . .	2,642 39	
Repairs and improvements, . . . . .	630 91	
Farm, stable and grounds, . . . . .	893 38	
Miscellaneous, . . . . .	535 50	
		<u>\$13,571 66</u>

## On account of special appropriations:—

Bills due on account of special appropriation, . . . . .	1,938 93	
		<u>\$15,510 59</u>

## Balance for the institution:—

On account of maintenance appropriation, . . . . .	\$1 58	
On account of special appropriation, . . . . .	18,849 65	
		<u>\$18,851 23</u>

\$18,851 23    \$18,851 23

During the year the average number of patients has been, . . .	772.92
Dividing the total expenditure for maintenance (\$151,815.65) by the average number gives an average annual cost of . . .	\$196 41
Equivalent to an average weekly cost of . . . . .	3 76

## STATEMENT OF FUNDS.

*Fred B. Kelly Fund.*

On hand Dec. 1, 1906, . . . . .	\$660 10	
Income, . . . . .	24 97	
	<hr/>	\$685 07
Expended, . . . . .		78 89
		<hr/>
Balance in Northampton Institution for Savings, Dec. 1, 1907,		\$606 18

Respectfully submitted,

LEWIS F. BABBITT,

*Treasurer.*

Examined and approved,

FREDERIC A. PELTON,

*Auditor.*

DEC: 7, 1907.

*Special Appropriations for the Year ending Nov. 30, 1907.*

OBJECT.	Resolve.	Whole Amount.	Expended during the Year.	Expended to Date.	Balance at End of the Year.
Furnishing men's infirmary, . . . . .	Chap. 323, Acts 1904	\$6,500 00	\$227 25	\$6,107 73	\$392 27
Purchase and installation of telephones and clocks, . . . . .	Chap. 57, Acts 1904	1,800 00	725 96	1,531 25	268 75
Purchase of land and buildings, . . . . .	Chap. 61, Acts 1905	5,500 00	-	5,050 00	450 00
Construction of hothouse, . . . . .	Chap. 71, Acts 1905	1,500 00	1,200 00	1,200 00	300 00
Installation of better water supply, . . . . .	Chap. 500, Acts 1906	17,500 00	5,783 64	5,783 64	11,716 36
Paint house and work shop, . . . . .	Chap. 500, Acts 1906	2,500 00	-	-	2,500 00
Purchase of plumbing fixtures, . . . . .	Chap. 92, Acts 1907	2,000 00	148 98	148 98	1,851 02
Putting electric lights along driveway, . . . . .	Chap. 92, Acts 1907	1,200 00	1,033 22	1,033 22	166 78
Machinery for bakery, . . . . .	Chap. 92, Acts 1907	1,000 00	656 60	656 60	343 40
Purchase of cows, . . . . .	Chap. 92, Acts 1907	2,000 00	2,000 00	2,000 00	-
Construction of hothouse, . . . . .	Chap. 92, Acts 1907	2,100 00	-	-	2,100 00
Lumber to construct ice house, . . . . .	Chap. 92, Acts 1907	700 00	-	-	700 00
		\$44,300 00	\$11,775 65	\$23,511 42	\$20,788 58



---

---

# STATISTICAL TABLES.

---

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

---

---

1. — General Statistics for the Year.

	INSANE.			NOT INSANE, VOLUNTARY.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1906, . . . . .	393	377	770	-	1	1	393	378	771
Admitted within the year, . . . . .	174	162	336	3	-	3	177	162	339
Viz.: by commitment, . . . . .	154	139	293	-	-	-	154	139	293
voluntary, . . . . .	-	-	-	3	-	3	3	-	3
by transfer, . . . . .	3	3	6	-	-	-	3	3	6
from escape, . . . . .	1	-	1	-	-	-	1	-	1
from visit, . . . . .	1	2	3	-	-	-	1	2	3
nominally admitted from visit for discharge,	15	18	33	-	-	-	15	18	33
Whole number of cases within the year, . . . . .	567	539	1,106	3	1	4	570	540	1,110
Dismissed within the year, . . . . .	206	175	381	3	-	3	209	175	384
Viz.: discharged, . . . . .	74	67	141	3	-	3	77	67	144
as recovered, . . . . .	19	16	35	-	-	-	19	16	35
as capable of self-support, . . . . .	16	13	29	-	-	-	16	13	29
as improved, . . . . .	23	26	49	-	-	-	23	26	49
as not improved, . . . . .	16	12	28	-	-	-	16	12	28
as not insane, . . . . .	-	-	-	3	-	3	3	-	3
died, . . . . .	51	34	85	-	-	-	51	34	85
transferred, . . . . .	54	57	111	-	-	-	54	57	111
escaped, . . . . .	8	-	8	-	-	-	8	-	8
on visit October 1, . . . . .	19	17	36	-	-	-	19	17	36
Patients remaining Sept. 30, 1907, . . . . .	361	364	725	-	1	1	361	365	726
Viz.: supported as State patients, . . . . .	289	255	544	-	-	-	289	255	544
as private patients, . . . . .	40	74	114	-	1	1	40	75	115
as reimbursing patients, . . . . .	32	35	67	-	-	-	32	35	67
Number of different persons within the year, . . . . .	551	520	1,071	3	1	4	554	521	1,075
Number of different persons admitted, . . . . .	159	144	303	3	-	3	162	144	306
Number of different persons admitted by commitment, . . . . .	154	139	293	-	-	-	154	139	293
Number of different persons dismissed, . . . . .	191	156	347	3	-	3	194	156	350
Number of different persons recovered, . . . . .	19	16	35	-	-	-	19	16	35
Number of different persons discharged capable of self-support, . . . . .	16	13	29	-	-	-	16	13	29
Daily average number of patients, . . . . .	382.05	394.39	776.44	-	1	1	383.05	395.39	778.44
Viz.: State patients, . . . . .	313.28	288.54	601.82	-	-	-	313.28	288.54	601.82
private patients, . . . . .	40.32	71.73	112.05	-	1	1	40.32	72.73	113.05
reimbursing patients, . . . . .	28.45	34.12	62.57	-	-	-	28.45	34.12	62.57

2. — *Insane received on First and Subsequent Commitments.*

NUMBER OF COMMITMENTS.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital, . . . . .	136	123	259
Second to this hospital, . . . . .	15	11	26
Third to this hospital, . . . . .	5	3	8
Fourth to this hospital, . . . . .	1	6	7
Total cases, . . . . .	157	143	300
Total persons, . . . . .	157	143	300
Never before in any hospital for insane, . . . . .	125	117	242

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts, . . . . .	46	18	22	50	21	20	96	39	42
Other New England States, . . . . .	12	10	11	11	11	11	23	21	22
Other States, . . . . .	10	9	9	7	4	4	17	13	13
Total native, . . . . .	68	37	42	68	36	35	136	73	77
Other countries:—									
Austria, . . . . .	6	6	6	1	1	1	7	7	7
Bohemia, . . . . .	-	-	-	2	2	2	2	2	2
Canada, . . . . .	15	19	16	7	10	10	22	29	26
England, . . . . .	4	3	3	5	8	11	9	11	14
Finland, . . . . .	2	2	2	1	1	1	3	3	3
Germany, . . . . .	4	5	5	1	2	2	5	7	7
Ireland, . . . . .	13	37	36	29	48	47	42	85	83
Italy, . . . . .	5	5	5	-	-	-	5	5	5
Poland, . . . . .	-	-	-	1	1	1	1	1	1
Russia, . . . . .	2	2	2	1	1	1	3	3	3
Scotland, . . . . .	4	7	6	1	4	3	5	11	9
Sweden, . . . . .	2	2	2	-	-	-	2	2	2
Total foreign, . . . . .	57	88	83	49	78	79	106	166	162
Unknown, . . . . .	-	-	-	-	3	3	-	3	3
Totals, . . . . .	125	125	125	117	117	117	242	242	242

4. — *Residence of Insane Persons admitted by Commitment.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Hampshire County, . . .	16	25	41	7	6	13	23	31	54
Hampden County, . . .	62	64	126	14	10	24	76	74	150
Berkshire County, . . .	33	24	57	7	3	10	40	27	67
Franklin County, . . .	14	3	17	1	3	4	15	6	21
Worcester County, . . .	-	1	1	-	-	-	-	1	1
Totals, . . . . .	125	117	242	29	22	51	154	139	293
Unknown, . . . . .	-	-	-	-	-	-	-	-	-
Totals, . . . . .	125	117	242	29	22	51	154	139	293
Cities and towns, . . .	78	88	166	23	14	37	101	102	203
Country districts, . . .	47	29	76	6	8	14	53	37	90
Totals, . . . . .	125	117	242	29	22	51	154	139	293

5. — *Civil Condition of Insane Persons first admitted to Any Hospital.*

	Males.	Females.	Totals.
Unmarried, . . . . .	52	46	98
Married, . . . . .	52	46	98
Widowed, . . . . .	20	25	45
Divorced, . . . . .	1	-	1
Unknown, . . . . .	-	-	-
Totals, . . . . .	125	117	242

*G. — Occupation of Insane Persons first admitted to Any Hospital.*

MALES.			
Bartenders, . . . . .	2	Hostler, . . . . .	1
Blacksmiths, . . . . .	2	Iron workers, . . . . .	3
Brass moulders, . . . . .	2	Newspaper reporter, . . . . .	1
Cabinet maker, . . . . .	1	Operatives, . . . . .	15
Carpenters, . . . . .	3	Painters, . . . . .	3
Cigar makers, . . . . .	2	Physician, . . . . .	1
Clerk, . . . . .	1	Policemen, . . . . .	2
Cooks, . . . . .	2	Porter, . . . . .	1
Electrician, . . . . .	1	Printer, . . . . .	1
Elevator boy, . . . . .	1	Railroad employees, . . . . .	3
Farmers, . . . . .	11	Salesmen, . . . . .	3
Farm laborers, . . . . .	6	Shoemaker, . . . . .	1
Glass blower, . . . . .	1	Stationary fireman, . . . . .	1
Laborers, . . . . .	33	Student, . . . . .	1
Machinists, . . . . .	2	Undertakers, . . . . .	2
Mechanics, . . . . .	4	Watchman, . . . . .	1
Merchant, . . . . .	1	Wood worker, . . . . .	1
Miner, . . . . .	1	No occupation, . . . . .	7
Moulder, . . . . .	1	Total, . . . . .	125
FEMALES.			
Domestics, . . . . .	25	Operatives, . . . . .	14
Dressmaker, . . . . .	1	Teacher, . . . . .	1
Housekeepers, . . . . .	8	Tobacco stripper, . . . . .	1
Laundress, . . . . .	1	Waitress, . . . . .	1
Milliner, . . . . .	1	No occupation, . . . . .	27
Nurse, . . . . .	1	Total, . . . . .	81

*G. — Occupation of Insane Persons first admitted to Any Hospital*  
— Concluded.

WIFE OF—			
Bookkeeper, . . . . .	2	Laborer, . . . . .	10
Cigar maker, . . . . .	1	Merchant, . . . . .	1
Clerk, . . . . .	1	Miner, . . . . .	1
Coachman, . . . . .	1	Newspaper reporter, . . . . .	1
Coal dealer, . . . . .	1	Operative, . . . . .	4
Dentist, . . . . .	1	Physician, . . . . .	1
Dry goods buyer, . . . . .	1	Railroad engineer, . . . . .	1
Farmer, . . . . .	5	Saloon keeper, . . . . .	3
Junk dealer, . . . . .	1	Total, . . . . .	36

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

	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK.			WHEN ADMITTED.			AT FIRST ATTACK.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	12	11	23	-	-	-	4	2	6	-	-	-
15 years and less, . . . . .	-	2	2	-	-	-	-	-	-	-	-	-
From 15 to 20 years, . . . . .	9	8	17	10	6	16	1	-	1	2	-	2
20 to 25 years, . . . . .	9	9	18	15	12	27	2	1	3	-	1	1
25 to 30 years, . . . . .	9	14	23	10	17	27	2	1	3	1	-	1
30 to 35 years, . . . . .	18	11	29	18	16	34	2	1	3	3	1	4
35 to 40 years, . . . . .	15	11	26	14	9	23	2	3	5	3	1	4
40 to 50 years, . . . . .	12	13	25	13	13	26	6	1	7	4	2	6
50 to 60 years, . . . . .	13	14	27	16	13	29	16	5	21	11	2	13
60 to 70 years, . . . . .	12	13	25	12	17	29	3	10	13	12	9	21
70 to 80 years, . . . . .	10	7	17	9	10	19	8	7	15	9	12	21
Over 80 years, . . . . .	6	2	8	8	4	12	3	1	4	6	6	12
Totals, . . . . .	125	115	240	125	117	242	49	32	81	51	34	85
Unknown, . . . . .	-	2	2	-	-	-	2	2	4	-	-	-
Totals, . . . . .	125	117	242	125	117	242	51	34	85	51	34	85
Mean known ages, . . . . .	43.7	40.7	42.3	44.3	42.7	43.6	53.7	58.5	55.6	58.5	67	61.8

*8. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital.*

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
	Males.	Females.	Totals.	HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.		
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Cerebral hemorrhage, . . . . .	2	14	16	—	1	1	—	—	—	1	—	1
Congenital deficiency, . . . . .	27	9	36	3	—	3	1	—	1	—	—	—
Drug habits, . . . . .	2	2	4	—	1	1	—	—	—	2	—	2
Heredity, . . . . .	10	16	26	10	16	26	—	—	—	—	—	—
Heredity and intemperance, . . . . .	5	5	10	5	5	10	—	—	—	5	5	10
Heredity and senility, . . . . .	2	3	5	2	3	5	—	—	—	—	—	—
Illness, . . . . .	2	2	4	—	1	1	1	—	1	1	1	2
Intemperance, . . . . .	31	15	46	2	—	2	4	—	4	31	15	46
Intemperance and senility, . . . . .	6	2	8	—	—	—	—	—	—	6	2	8
Intemperance and drugs, . . . . .	1	—	1	—	—	—	—	—	—	1	—	1
Menopause, . . . . .	—	6	6	—	4	4	—	—	—	—	—	—
Pregnancy, . . . . .	—	1	1	—	—	—	—	—	—	—	—	—
Puerperium, . . . . .	—	5	5	—	1	1	—	—	—	—	—	—
Senility, . . . . .	27	11	38	1	—	1	1	—	1	4	—	4
Syphilis, . . . . .	1	2	3	—	—	—	—	—	—	—	1	1
Trauma of head, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Unknown, . . . . .	8	24	32	—	—	—	—	—	—	—	—	—
Totals, . . . . .	125	117	242	23	32	55	7	—	7	51	24	75



*9. — Probable Duration of Mental Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital, . . . . .	12	11	23
Under 1 month, . . . . .	36	19	55
From 1 to 3 months, . . . . .	21	16	37
3 to 6 months, . . . . .	7	7	14
6 to 12 months, . . . . .	7	12	19
1 to 2 years, . . . . .	13	14	27
2 to 5 years, . . . . .	14	18	32
5 to 10 years, . . . . .	9	9	18
10 to 20 years, . . . . .	4	7	11
Over 20 years, . . . . .	1	3	4
Total, . . . . .	124	116	240
Unknown, . . . . .	1	1	2
Totals, . . . . .	125	117	242
Average known duration (in years), . . . . .	1.5	2.9	2.2

10. — Form of Mental Disease in Patients committed or discharged, with Condition on Discharge, or died.

FORM OF DISEASE.	COMMITTED.			DISCHARGED.												DIED.			TOTAL DISCHARGES AND DEATHS.			
	Ma.	Fe.	Tot.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	
				Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.							
A. — First admitted to any hospital:—																						
Insane:—																						
Acute alcoholic insanity, . . . . .	12	8	20	13	6	19	1	-	1	-	-	-	-	-	-	1	1	2	15	7	22	
Acute delirium, . . . . .	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	2	-	2	
Chronic alcoholic insanity, . . . . .	8	4	12	-	-	-	3	-	3	-	2	2	1	-	1	1	1	2	5	3	8	
Dementia praecox, . . . . .	29	18	47	-	-	-	5	6	11	9	6	15	3	2	5	2	1	3	19	15	34	
Epilepsy, . . . . .	4	3	7	-	-	-	-	-	-	2	3	5	-	1	1	1	-	1	3	4	7	
Involution psychosis, . . . . .	4	6	10	-	-	-	1	1	2	2	3	5	-	-	-	3	-	3	6	4	10	
Manic-depressive insanity, . . . . .	12	29	41	3	7	10	1	2	3	1	3	4	2	1	3	1	3	4	8	16	24	
Mental deficiency, . . . . .	11	10	21	-	-	-	1	1	2	2	1	3	4	2	6	4	2	6	11	6	17	
Organic dementia, . . . . .	2	16	18	-	-	-	-	-	-	1	-	1	-	-	-	2	7	9	3	7	10	
Paranoia, . . . . .	2	2	4	-	-	-	1	1	2	-	-	-	-	1	1	-	-	-	1	2	3	
Paresis, . . . . .	7	7	14	-	-	-	-	-	-	2	1	3	2	-	2	9	-	9	13	1	14	
Senile dementia, . . . . .	31	14	45	-	-	-	-	-	-	1	2	3	2	2	4	17	11	28	20	15	35	
Toxic insanity, acute:—																						
Morphine habit, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total A, . . . . .	125	117	242	17	13	30	13	11	24	20	21	41	14	9	23	42	26	68	106	80	186	

10.—Form of Mental Disease in Patients committed or discharged, with Condition on Discharge, or died—Concluded.

FORM OF DISEASE.	COMMITTED.			DISCHARGED.												DIED.			TOTAL DISCHARGES AND DEATHS.			
	Ma.	Fe.	Tot.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	
				Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.							
B.—Other admissions:—																						
Insane—																						
Acute alcoholic insanity, . . . . .	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
Acute delirium, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chronic alcoholic insanity, . . . . .	1	3	4	-	-	-	-	-	-	-	1	1	-	1	1	1	2	3	1	4	5	
Dementia praecox, . . . . .	7	5	12	-	-	-	1	-	1	-	-	-	1	-	1	3	1	4	5	1	6	
Epilepsy, . . . . .	2	1	3	-	-	-	1	-	1	-	-	-	-	-	-	1	1	1	1	1	2	
Involution psychosis, . . . . .	1	-	1	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-	-	2	2	
Manic-depressive insanity, . . . . .	5	6	11	1	2	3	1	1	2	-	1	1	-	-	-	-	-	-	2	4	6	
Mental deficiency, . . . . .	4	1	5	-	-	-	-	-	-	-	1	1	-	1	1	1	-	1	1	2	3	
Organic dementia, . . . . .	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1	
Paranoia, . . . . .	1	2	3	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	2	2	
Paresis, . . . . .	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1	
Senile dementia, . . . . .	4	1	5	-	-	-	-	-	-	1	1	2	1	-	1	3	3	6	5	4	9	
Toxic insanity, acute:—																						
Morphine habit, . . . . .	1	1	2	-	1	1	-	-	-	1	-	1	-	-	-	-	-	-	1	1	2	
Total B, . . . . .	29	22	51	2	3	5	3	2	5	3	5	8	2	3	5	9	8	17	19	21	40	
Aggregate cases, . . . . .	154	139	293	19	16	35	16	13	29	23	26	49	16	12	28	51	34	85	125	101	226	
Aggregate persons, . . . . .	154	139	293	19	16	35	16	13	29	23	26	49	16	12	28	51	34	85	125	101	226	

*11. — Discharges of the Insane classified by Admissions and Results, and Deaths.*

NUMBER OF ADMISSIONS.	RECOVERED			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . . . .	17	13	30	14	12	26	22	23	45	16	10	26	41	28	72	114	86	200
Second to this hospital, . . . . .	2	2	4	2	-	2	1	1	2	-	2	2	6	5	11	11	10	21
Third to this hospital, . . . . .	-	1	1	-	-	-	-	1	1	-	-	-	1	1	2	2	3	5
Fourth to this hospital, . . . . .	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-	-	2	2
Total cases, . . . . .	19	16	35	16	13	29	23	26	49	16	12	28	51	34	85	128	101	229
Total persons, . . . . .	19	16	35	16	13	29	23	26	49	16	12	28	51	34	85	128	101	229
First admitted to any hospital, . . . . .	17	13	30	13	11	24	20	21	41	14	9	23	42	26	68	107	80	187

## 12.—Causes of Death and Form of Mental Disease in Persons who died.

	ACUTE ALCOHOLIC INSANITY.			ACUTE DELIRIUM.			CHRONIC ALCOHOLIC.			DEMENTIA PRAECOX.			EPILEPSY.			INVOLUTION PSYCHOSIS.			MANIC-DEPRESSIVE.			
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	
General diseases:—																						
Carcinoma, . . . . .																						
Erysipelas, . . . . .																						
Exhaustion from acute alcoholic, . . . . .	1		1																			
Exhaustion from manic-depressive insanity, . . . . .																						
Gangrene of foot, . . . . .																						
General tuberculosis, . . . . .																						
Senility, . . . . .																						
Septicæmia, . . . . .		1	1																			
Typhoid fever, . . . . .																						
Diseases of the nervous system:—																						
Cerebral abscess, . . . . .														1								
Epilepsy, . . . . .														1								
General paralysis of the insane, . . . . .																						
Diseases of the circulatory system:—																						
Anæmia, . . . . .																						
Cerebral hemorrhage, . . . . .																						
Endocarditis, . . . . .																						
Myocarditis, . . . . .																						
Diseases of the respiratory system:—																						
Pulmonary tuberculosis, . . . . .																						
Broncho-pneumonia, . . . . .																						
Lobar pneumonia, . . . . .																						
Diseases of the digestive system:—																						
Duodenal ulcer, . . . . .																						
Diseases of the genito-urinary system:—																						
Chronic nephritis, . . . . .																						
Pylonephritis, . . . . .																						
Totals, . . . . .	1	1	2	1		1	2	3	5	5	2	7	1	1	2	3		3	1	3	4	

12. — Causes of Death and Form of Mental Disease in Persons who died — Concluded.

	MENTAL DEFIICIENCY.			ORGANIC DEMENTIA.			PARANOIA.			PARESIS.			SENILE DEMENTIA.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
General diseases:—																		
Carcinoma, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Erysipelas, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Exhaustion from acute alcoholic, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Exhaustion from manic-depressive insanity, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Gangrene of foot, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
General tuberculosis, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Senility, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Septicæmia, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Typhoid fever, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Diseases of the nervous system:—																		
Cerebral abscess, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Epilepsy, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
General paralysis of the insane, . . . . .	1	1	2	1	1	2	1	1	2	10	10	20	1	1	2	1	1	2
Diseases of the circulatory system:—																		
Anæmia, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Cerebral hemorrhage, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Endocarditis, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Myocarditis, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Diseases of the respiratory system:—																		
Pulmonary tuberculosis, . . . . .	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3
Broncho-pneumonia, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Lobar pneumonia, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Diseases of the digestive system:—																		
Duodenal ulcer, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Diseases of the genito-urinary system:—																		
Chronic nephritis, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Pylonephritis, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Totals, . . . . .	5	2	7	2	7	9	1	1	2	10	10	20	20	14	34	51	34	85

## 13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

	FIRST ADMITTED TO ANY HOSPITAL.									ALL OTHER ADMISSIONS.					
	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. — Recoveries: —															
Under 1 month, . . . . .	13	6	19	5	1	6	3	-	3	-	-	-	-	-	-
From 1 to 3 months, . . . . .	3	6	9	9	6	15	10	4	14	-	-	-	-	-	-
3 to 6 months, . . . . .	-	1	1	2	4	6	2	6	8	1	-	1	1	1	2
6 to 12 months, . . . . .	-	-	-	1	1	2	1	2	3	-	-	-	1	-	1
1 to 2 years, . . . . .	1	-	1	-	1	1	1	1	2	-	1	1	-	1	1
2 to 5 years, . . . . .	-	-	-	-	-	-	-	-	-	1	2	3	-	1	1
5 to 10 years, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 to 20 years, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Over 20 years, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals, . . . . .	17	13	30	17	13	30	17	13	30	2	3	5	2	3	5
Unknown, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals, . . . . .	17	13	30	17	13	30	17	13	30	2	3	5	2	3	5
Average of known cases (in months),	1.1	1.0	1.1	1.7	4.0	2.7	2.8	5.0	3.8	19.0	41.0	32.0	6.0	17.6	13.0

## B. — Died:—

Congenital,	4	2	6	-	-	-	4	2	6	-	-	-	-	-	-
Under 1 month,	5	4	9	13	7	20	3	3	6	-	-	-	-	-	-
From 1 to 3 months,	7	2	9	7	2	9	4	1	5	-	-	-	1	-	1
3 to 6 months,	5	1	6	4	3	7	2	1	3	-	-	-	-	-	-
6 to 12 months,	1	-	1	5	4	9	2	1	3	1	-	1	2	-	2
1 to 2 years, .	9	4	13	5	2	7	9	1	10	1	-	1	1	2	3
2 to 5 years, .	6	9	15	5	7	12	11	11	22	1	2	3	1	3	4
5 to 10 years, .	2	2	4	1	1	2	2	4	6	1	-	1	1	2	3
10 to 20 years, .	1	2	3	1	-	1	2	2	4	3	2	5	2	-	2
Over 20 years, .	-	-	-	1	-	1	1	-	1	2	2	4	1	1	2
Totals, . . . . .	40	26	66	42	26	68	40	26	66	9	6	15	9	8	17
Unknown, . . . . .	2	-	2	-	-	-	2	-	2	-	2	2	-	-	-
Totals, . . . . .	42	26	68	42	26	68	42	26	68	9	8	17	9	8	17
Average of known cases (in months),	16.8	27.9	20.9	23.9	13.3	18.4	37.9	39.1	38.3	201.0	206.0	204.2	109.0	119.4	114.2