

**Forty-second annual report of the Trustees of the Northampton Lunatic Hospital, for the year ending September 30, 1897.**

**Contributors**

Northampton Lunatic Hospital.  
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Babbitt, Lewis F.  
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FORTY-SECOND ANNUAL REPORT  
OF  
THE TRUSTEES  
OF THE  
NORTHAMPTON LUNATIC HOSPITAL,  
FOR THE  
YEAR ENDING SEPTEMBER 30, 1897.

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FOR THE

YEAR ENDING SEPTEMBER 30, 1897.

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# OFFICERS

## OF THE

# NORTHAMPTON LUNATIC HOSPITAL.

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### TRUSTEES.

Mrs. SARAH M. BUTLER,	. . . . .	NORTHAMPTON.
ADAMS C. DEANE, M.D.,	. . . . .	GREENFIELD.
WILLIAM D. MACINNES, Esq.,	. . . . .	PITTSFIELD.
LYMAN D. JAMES, Esq.,	. . . . .	WILLIAMSBURG.
HON. ELISHA MORGAN,	. . . . .	SPRINGFIELD.
HON. ALVAN BARRUS,	. . . . .	GOSHEN.
Mrs. SARAH A. WOODWORTH,	. . . . .	CHICOPEE.

### RESIDENT OFFICERS.

JOHN A. HOUSTON, M.D.,	. . . . .	<i>Superintendent.</i>
CHARLES M. HOLMES, M.D.,	. . . . .	<i>Assistant Physician.</i>
JANE R. BAKER, M.D.,	. . . . .	<i>Female Physician.</i>
PAYN B. PARSONS, M.D.,	. . . . .	<i>Medical Interne.</i>
WILLIAM H. COON, M.D.,	. . . . .	<i>Medical Interne.</i>
LEWIS F. BABBITT,	. . . . .	<i>Clerk.</i>
S. EMMA HINES,	. . . . .	<i>Matron.</i>
JOHN MERCIER,	. . . . .	<i>Farmer.</i>
WALTER I. DODGE,	. . . . .	<i>Engineer.</i>

### TREASURER.

LEWIS F. BABBITT,	. . . . .	NORTHAMPTON.
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Office at the Hospital.

### SUBORDINATE OFFICERS.

ROBERT H. GALLIVAN,	. . . . .	<i>Male Supervisor.</i>
LUCY A. GILBERT,	. . . . .	<i>Female Supervisor.</i>
JEREMIAH McKENNA,	. . . . .	<i>Steward.</i>
BRADAMANTE FAIRBANKS,	. . . . .	<i>Seamstress.</i>
CHLOE L. EGLESTON,	. . . . .	<i>Laundress.</i>
GEORGE B. WALKER,	. . . . .	<i>Baker.</i>

# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

---

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

The trustees of the Northampton Lunatic Hospital respectfully submit the forty-second annual report, showing the present condition of the hospital and its needs, with a summary of the operations for the year ending Sept. 30, 1897, given in the reports of the superintendent and treasurer.

The work of renovating the north wing of the hospital, which was being carried on at the time of our last report, has been finished, with the exception of the painting of the walls of some of the sleeping-rooms.

The bettered appearance of the wards, the increase in light and cheerfulness, the great improvement in ventilation, the lessening of danger in case of fire, and the added convenience in caring for the wards, justify the expense and trouble incurred in making the alterations. Frequent expressions of approval and commendation from visitors, official and others, and from patients and their friends, are very gratifying to the trustees. Relatives of patients often express their satisfaction at finding their friends in so pleasant and cheerful surroundings.

To complete the improvements contemplated and begun in 1891 the changes in the central building are yet to be made. The room formerly used as chapel is to be divided by a floor and partitions into corridors leading to the new chapel, with

six sleeping-rooms, a dining-room for the assistant physicians, a library, a laboratory and a work-room.

Removing the dining-room of the assistants to the floor above will provide accommodations for a dispensary, allowing removal of the dispensary from its present location in the office of the assistant physicians, where more room is needed. Their office at present accommodates, inconveniently, four assistant physicians, also serving as dispensary, laboratory, reception room for new patients and passageway to the office of the superintendent and treasurer. Under such conditions satisfactory office work cannot be done by the physicians.

The dining-room for employees, under the old chapel, has long been too small. It is proposed to enlarge it by removing the wall separating it from the sitting-room for employees, a new sitting-room having been provided in the changes of last year.

The stairways in the rotunda, being of wood built around open wells from the first to the fourth floors, are not safe and should be replaced by iron stairways.

The repairs begun in the basement should be finished as rapidly as possible. The rooms leading from the kitchen, through which are laid the tracks for the food cars, now used for storage and for cooking utensils, have not been in repair for several years, other places demanding more immediate attention. They require cement floors, that they may be kept in cleanly condition. New car tracks are needed, the present tracks being iron strips supported on wooden stringers, which are easily affected by dampness.

The room now used for waste from the kitchen will make an excellent scullery if the floor is lowered to the level of the corridor and cemented. Several other rooms, now used for the storage of vinegar, lard and oil, need cemented floors and plastered ceilings, with proper ventilation, that no odors therefrom may be perceptible on the wards.

The hospital is in great need of a passenger elevator to accommodate the sick, the infirm and the aged, many of the latter who reside on the upper floors being unable to go out of doors, or to the reception rooms to visit friends, because of the difficulty of going up and down the stairway.

There is also need of food cars that may be heated, to keep the food warm in its long journey through cold passageways from the kitchen to the dining-rooms.

When the repairs were made on the south wing the water section of the second halls, containing closets, bath-rooms and toilet-rooms, was not disturbed. The condition of this section demanding immediate attention, it was decided to erect a new building for this purpose as rapidly as the funds of the hospital would allow. It will contain the most modern sanitary conveniences, including spray baths.

This addition, about twenty feet square, is now being built. The excavation was done by patients under supervision, and a number of patients are employed every day in its construction. By this change several sleeping-rooms will be added to our accommodations.

Our present method of heating flat-irons in the laundry is expensive, not so satisfactory as it might be and not without risk of fire. After investigating the subject the trustees have decided to install a system of electrically heated flat-irons. The inducements leading to this change are greater convenience, ability to accomplish more work, reduced danger of fire and an estimated reduction of expense.

It is proposed to utilize the electric generator also to pump water from the spring on our grounds, from which the hospital formerly obtained its supply. There is a cistern in good repair from which flows about a fourth as much water as is daily used in the hospital. This water is of excellent quality, and is used in several dining-rooms, being brought from the spring by a patient. The reduction in our gas and water bills will probably be more than enough to meet the expense of running the generator during the day.

We estimate that a further appropriation of \$50,000 will be required to complete the improvements contemplated.

In addition to the above requirements the need of a new infirmary becomes more pressing every year. Plans for this are made, from which the cost is estimated at approximately \$40,000.

Before long our main barn will have to be replaced by a larger and more convenient one.

The finances of the institution are in satisfactory condition, the treasurer's report showing a balance in our favor of \$10,519.77, after the expenditure during the year of \$1,611.09 for ordinary repairs and of \$12,505.91 for new work on the buildings.

An important change in the medical staff took place in the resignation of Dr. E. B. Nims. He had been connected with the hospital nearly twenty-nine years, first as assistant physician, and since 1885 as superintendent. During his service the hospital has made marked improvement. From being poorly lighted and ventilated it is now one of the most cheerful and best ventilated of the State institutions.

In accepting his resignation the trustees passed the following resolutions : —

*Whereas*, Dr. E. B. Nims, superintendent of the Northampton Lunatic Hospital, has tendered his resignation, to take effect June 1, 1897, in the twenty-ninth year of his service, which has continued longer without interruption than that of any other physician who has preceded him, while only four other employees of the institution ante-date his coming ;

*Resolved*, That we, the trustees, fully appreciating this long and faithful service, and all his constant, kindly efforts to mitigate the sufferings of this most afflicted class of humanity, tender to him a full measure of our appreciation of his services, and our regrets that we must consent to the parting. We would congratulate him on the high measure of success attained in his profession and on leaving the hospital in a higher state of efficiency than it has ever before attained.

Dr. J. A. Houston, who has been connected with the hospital eight years as first assistant, following a service of about seven years at the Worcester Hospital, was appointed superintendent.

Dr. C. M. Holmes, who has served at this hospital eight years as second assistant, was appointed first assistant physician.

Mr. L. F. Babbitt, who has been clerk since 1891, serving also as treasurer's assistant, was appointed treasurer.

The medical work has been increasing in amount for several years, because of the larger number of cases to be cared for, and because of more special attention being given to individual cases. To meet the need of an increase in the staff it was decided to appoint two medical internes, the length of service to be one year.

For the year beginning July 1, 1897, Dr. Payn B. Parsons and Dr. William H. Coon were appointed. Both come with excellent recommendations.

We have been pleased with the satisfactory condition of the hospital whenever we have visited it, and commend the officers for their faithfulness and interest in their work.

SARAH A. WOODWORTH.

SARAH M. BUTLER.

WILLIAM D. MACINNES.

L. D. JAMES.

ELISHA MORGAN.

ALVAN BARRUS.

A. C. DEANE.

## LIST OF PERSONS

REGULARLY EMPLOYED AT THE NORTHAMPTON LUNATIC HOSPITAL,  
SEPT. 30, 1897.

---

Superintendent and physician, . . . . .	per year, \$2,500 00
Assistant physician, first, . . . . .	" 1,200 00
Female physician, . . . . .	" 700 00
Medical internes (2), . . . . .	" 400 00
Treasurer and clerk, . . . . .	" 1,500 00
Matron, . . . . .	" 400 00
Farmer, . . . . .	" 700 00
Engineer, house rent and partial board, . . . . .	" 1,000 00
Assistant clerk, . . . . .	per month, 30 00
Supervisor (male), . . . . .	" 50 00
Supervisor (female), . . . . .	" 30 00
Assistant supervisor (female), . . . . .	" 25 00
Seamstress, . . . . .	" 25 00
Assistant seamstress, . . . . .	" 18 00
Laundress, . . . . .	" 20 00
Laundryman, without board, . . . . .	" 60 00
Assistant laundresses, with partial board (2), . . . . .	" 22 00
Assistant laundress, . . . . .	" 14 00
Baker, . . . . .	" 45 00
Assistant baker, . . . . .	" 28 00
Steward, . . . . .	" 50 00
Assistant steward, with partial board, . . . . .	" 42 00
Attendants (male, 13), . . . . .	" 30 00
Attendants (male, 2), . . . . .	" 25 00
Attendants (male, 5), . . . . .	" 23 00
Attendants (male, 3), . . . . .	" 21 00
Attendant (female), . . . . .	" 22 00
Attendants (female, 11), . . . . .	" 20 00
Attendants (female, 5), . . . . .	" 16 00

Attendants (female, 3), . . . . .	per month, \$14 00
Housework, centre (female), . . . . .	" 17 00
Housework, centre (female, 5), . . . . .	" 16 00
Cook (female), . . . . .	" 20 00
Assistant cook (female), . . . . .	" 16 00
Assistant cook (female), . . . . .	" 15 00
Farmer's dining-room (female), . . . . .	" 15 00
Housework, rear building (female), . . . . .	" 15 00
Watchman, . . . . .	" 30 00
Carpenter, . . . . .	per day, 2 25
Carpenter, . . . . .	" 2 00
Painter, . . . . .	per month, 50 00
Gardener, . . . . .	" 30 00
Assistant engineer, . . . . .	" 30 00
Fireman, . . . . .	" 30 00
Coachman, . . . . .	" 30 00
Car boy, . . . . .	" 25 00
Florist, without board, . . . . .	" 50 00
Farm hands (2), . . . . .	" 30 00
Farm hands (4), . . . . .	" 28 00
Farm hands (3), . . . . .	" 25 00
Farm hand, . . . . .	" 23 00

## INVENTORY OF STOCK AND SUPPLIES

ON HAND SEPT. 30, 1897.

---

Live stock on farm, . . . . .	\$8,460 00
Products of farm on hand, . . . . .	9,275 21
Carriages and agricultural tools, . . . . .	2,850 00
Machinery and mechanical fixtures, . . . . .	14,000 00
Beds and bedding in inmates' department, . . . . .	12,500 00
Other furniture in inmates' department, . . . . .	8,250 00
Personal property of State in superintendent's department,* . . . . .	7,500 00
Ready-made clothing, . . . . .	2,031 52
Dry goods, . . . . .	1,266 05
Bedding, . . . . .	696 05
Small wares, . . . . .	418 11
Miscellaneous, . . . . .	1,477 62
Provisions and groceries, . . . . .	3,086 04
Drugs and medicines, . . . . .	525 00
Fuel, . . . . .	1,478 40
Library, . . . . .	1,000 00
Paints and oils, . . . . .	475 00
	<hr/>
	\$75,289 00

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\* This term is here applied to the whole of the central edifice or block, and includes all the offices, the kitchen, the bakery, the laundry, the sewing-room and other departments.

## TREASURER'S REPORT.

---

*To the Trustees of the Northampton Lunatic Hospital.*

I respectfully submit the following report of the finances of this institution for the year ending Sept. 30, 1897.

### ASSETS.

Four hundred and ninety-three acres of land, . . . . .	\$53,000 00
Hospital building, . . . . .	450,000 00
Farm-house, \$1,700; brick house, \$1,700, . . . . .	3,400 00
Four dwellings, . . . . .	2,000 00
Storehouse and shops, . . . . .	20,000 00
Two barns, . . . . .	4,000 00
Horse stable, . . . . .	1,900 00
Lumber-house, . . . . .	850 00
Pump-house, . . . . .	650 00
Cart shed, . . . . .	400 00
Piggery, . . . . .	3,000 00
Fire-proofs for oils and paints, . . . . .	500 00
Two ice-houses, . . . . .	400 00
	\$540,100 00

### PERSONAL ESTATE.

Stocks and supplies as per inventory, . . . . .	\$75,289 00
---	-------------

### RECEIPTS.

Cash on hand Sept. 30, 1896, . . . . .	\$1,848 05
Receipts from State treasurer, . . . . .	11,988 48
from towns, . . . . .	68,809 36
from individuals, . . . . .	21,098 56
from sales, . . . . .	2,582 16
from interest, . . . . .	155 85
from loan, . . . . .	2,000 00
Cash belonging to patients, . . . . .	1,357 77
	\$109,840 23

## PAYMENTS.

Salaries, wages and labor, . . . . .	\$40,354 16
Provisions and supplies:—	
Meats of all kinds, . . . . .	\$6,026 26
Fish of all kinds, . . . . .	1,379 67
Fruit and vegetables, . . . . .	1,467 20
Flour (800 barrels), . . . . .	3,225 00
Grain and meal for table, . . . . .	337 60
Tea, coffee and chocolate, . . . . .	1,397 14
Sugar and molasses, . . . . .	1,945 61
Grain and meal for stock, . . . . .	3,567 10
Butter and cheese, . . . . .	5,215 58
Other groceries, . . . . .	1,412 65
All other provisions, . . . . .	1,837 47
	<hr/>
	27,811 28
Clothing, . . . . .	3,756 94
Fuel and lights, . . . . .	8,257 50
Medicine and medical supplies, . . . . .	1,223 74
Furniture, beds and bedding, . . . . .	3,556 51
Transportation and travelling expenses, . . . . .	380 75
Ordinary construction and repairs, . . . . .	1,611 09
Farm stock, . . . . .	\$1,144 39
Farm supplies, . . . . .	2,112 02
Water, . . . . .	1,609 59
Minor expenses, . . . . .	2,158 60
Contingencies, . . . . .	850 75
	<hr/>
	7,875 35
Total current expenses, . . . . .	\$94,827 32
Extraordinary expenses, . . . . .	\$12,505 91
Cash refunded patients, . . . . .	640 89
	<hr/>
	13,146 80
	<hr/>
	\$107,974 12
Cash on hand Sept. 30, 1897, . . . . .	1,866 11
	<hr/>
	\$109,840 23

## RESOURCES.

Cash on hand, . . . . .	\$1,866 11
Due from Commonwealth, . . . . .	2,155 68
from cities and towns, . . . . .	16,542 90
from individuals, . . . . .	6,212 31
	<hr/>
	\$26,777 00

## LIABILITIES.

Salaries and wages due Oct. 1, 1897, . . . . .	\$3,043 15
Miscellaneous bills due, . . . . .	12,497 20
Patients' money, . . . . .	716 88
	<hr/>
	\$16,257 23

## SUMMARY.

Total receipts, . . . . .	\$109,840 23
Total payments, . . . . .	107,974 12
Cash on hand Sept. 30, 1897, . . . . .	\$1,866 11
Total liabilities, . . . . .	\$16,257 23
Total debts due institution, . . . . .	26,777 00
Total expenditures, . . . . .	107,974 12
Deducting from the total expenditure, . . . . .	\$107,974 12
The extraordinary expenses, . . . . .	\$12,505 91
Cash refunded patients, . . . . .	640 84
	<u>13,146 80</u>
We have the current expenses, . . . . .	\$94,827 32
Deducting from current expenses the increase of personal assets, . . . . .	\$549 15
And officers' salaries formerly paid the follow- ing year, . . . . .	1,371 49
	<u>\$1,920 64</u>
We have the annual cost of each patient, . . . . .	170 62
Making the average weekly cost, . . . . .	3 27

LEWIS F. BABBITT,

*Treasurer.*

We have examined, as auditors, the accounts of the treasurer, and found a satisfactory voucher for every entry.

A. C. DEANE,

L. D. JAMES,

*Auditors.*

## FINANCIAL STATEMENT.

Amount of appropriation remaining Sept. 30, 1896, . . . \$14,502 18

Drawn by Brown & Bailey, on contract:—

Oct. 17, 1896, . . . . .	\$2,500 00	
Nov. 14, 1896, . . . . .	2,000 00	
Dec. 14, 1896, . . . . .	3,000 00	
Feb. 15, 1897, . . . . .	7,000 00	
	<hr/>	14,500 00

Balance, Oct. 1, 1897, . . . . . \$2 18

LEWIS F. BABBITT,

*Treasurer.*

## SUPERINTENDENT'S REPORT.

---

*To the Trustees of the Northampton Lunatic Hospital.*

The report of the operations of the hospital for the year ending Sept. 30, 1897, is hereby presented.

There were 559 patients in the hospital Oct. 1, 1896. During the year 182 were admitted and 219 were discharged, leaving 522 at the end of the year.

The largest number present on any one day was 570 and the smallest number was 507. The daily average was 544.51. The number of patients supported by the State has diminished, while the number supported by friends and relatives has gradually increased.

The weekly averages of the different classes are: State patients, 64; town patients, 398; private patients, 81.

### ADMISSIONS AND DISCHARGES.

The number of admissions, though smaller than in 1895 and 1896, is larger than in any previous year except when transfers were made from other State hospitals. The number that the hospital has to care for is increasing year by year. Analysis of the statistics shows the source of this increase. The poorer and less intelligent classes, especially those of foreign birth and parentage, and those subject to poverty and prone to the various forms of dissipation, furnish a majority of the cases. About 65 per cent. were of foreign parentage, and about 32 per cent. were of foreign birth. About 65 per cent. came from cities and large towns. In 50 cases intemperance and dissipation was a cause. Physiological degeneration due to old age was a factor in 23 cases.

On admission, prognosis was made of the probable chances of improvement in each case. The year was rather discouraging for a good showing. There seemed to be reasonable hopes of marked improvement in 59 cases, with expectations of recov-

ery in a much smaller number. There were 47 cases classed as doubtful, and in 76 cases there was little hope of improvement. Results show that the above, though not exact, was a fair estimate.

In only 46 of those admitted for the first time had the insanity existed less than three months, and in more than 50 cases the duration on admission was a year or more. There were 109 who had forms of mental trouble from which recovery is not expected.

Dr. Holmes has made a table of all the recoveries from the opening of the hospital, showing the duration of hospital residence. There were 1,292 recoveries, of which number 1,133 recovered within a year of admission. The following table shows the result by months:—

First month, . . . . .	111
Second month, . . . . .	198
Third month, . . . . .	190
Fourth month, . . . . .	176
Fifth month, . . . . .	120
Sixth month, . . . . .	94
Seventh month, . . . . .	73
Eighth month, . . . . .	60
Ninth month, . . . . .	35
Tenth month, . . . . .	31
Eleventh month, . . . . .	21
Twelfth month, . . . . .	24

A similar table of the same cases shows the great influence the duration of insanity before admission has upon the prospects of recovery. Of the 1,292 recoveries, insanity had existed:—

One week or less, . . . . .	in 217 cases.
From one week to one month, . . . . .	in 217 cases.
From one month to three months, . . . . .	in 224 cases.
From three months to six months, . . . . .	in 97 cases.

The duration before admission was unknown in 21 per cent. Of the known cases, the insanity had existed one week or less in 16 per cent., one month or less in 33 per cent. and three months or less in 50.9 per cent.

Sixty-one of those discharged within the year were transferred to Medfield Asylum, 15 were removed from the State

by the Board of Lunacy and Charity, 16 went to almshouses and 82 returned to their homes, many of them to resume their former occupations. Thirty-one were allowed to go home on trial visit, of whom 8 returned.

#### RECOVERIES AND DEATHS.

Of those discharged, 30 were classed as recovered. The number of recoveries depends largely upon the class of cases admitted, and to a certain degree upon the judgment of the person making the diagnosis. This hospital has always been conservative in returning cases as recovered, even in cases apparently rational at the time of leaving the hospital, if there seemed a liability of a return of the trouble before long. Within the past year 10 patients have left the hospital rational and able to resume their usual work, who might have been classed as recoveries but were not, and of the much-improved and improved cases at least 26 have returned to their homes able to support themselves, wholly or in part. Many of these are considered well by their friends and are so reported to us.

The most common measure of the work of a hospital, because the most easily appreciated, is the percentage of recoveries, — a very poor gauge.

Often a brain that has yielded to some stress, there being no special predisposition to insanity and the trouble being of short duration, returns to its normal condition without other treatment than the removal of causes and placing the patient in favorable environments.

The functions of the hospital are threefold at least: to help those who may recover; to act as custodian of those cases dangerous to themselves or to others if at liberty; and to care for those who are helpless, whose friends cannot care for them, and who will be a burden till death. The column showing the number of deaths undoubtedly represents far more care and true hospital work than does the list of recoveries. Cases that would at home suffer neglect, perhaps uncomplainingly because the weakened intellect could not appreciate it, pass their last days comfortably in the hospital, being kept tidy, well fed and warmed, with proper medical attention and nursing.

Of the 45 who died, 38 were destined to remain here till death came as release. Several who were brought here, with

the knowledge on the part of their relatives that they could live but a month or two, might have been kept at home if their friends had possessed a realizing sense of duty and justice.

Twelve of the persons who died were over seventy years old when admitted, and 20 were over sixty years old, averaging seventy-two years. At the time of death, 23, or more than half, were over sixty years old, and 11, or 25 per cent., were over eighty years old. One had lived here about thirty-eight years, 1 thirty-two years and 1 nineteen years. Only 3 persons died who were suffering from acute mental trouble, and in 2 of these tuberculosis, the cause of death, was also the cause of insanity.

#### MEDICAL WORK.

Insane people are entitled to the greatest consideration and the most careful attention. Experience shows that special attention given to an individual case is usually followed by improvement, and the chances of recovery are increased. Though the State hospitals must always remain, in large part, asylums, they are yearly approaching the type of true hospitals. There has been much progress in this line within a few years.

Our medical staff is devoting much care to the new cases and to those whose mental condition offers any prospect of improvement. On admission a careful examination is made of each patient, and one of the staff is expected to spend some time with the patient, becoming acquainted with his condition and peculiarities, and making him feel at home as much as possible. Urinary analyses and examinations of the blood are made in every case as soon after admission as possible, and as frequently thereafter as necessary.

Patients suffering from acute mental troubles and those in any degree exhausted are at once put to bed, cared for by nurses who devote their whole time to two or three such cases.

The much-needed training school for nurses has been delayed, but instruction has been given daily at the bedside, where it is put to immediate use. A course of general instruction is to be given as soon as arrangements now under way can be perfected.

A better system of making records has grown up in the last two or three years. A full history of the case is obtained of

friends at the time of admission or as soon after as possible, and for the first few weeks daily notes are made. On discharge a summary is entered in the case book.

There are manifold duties besides purely medical work required of the assistants, such as supervision and inspection, directing amusements and devising employment, so that little time is left for medical study. To relieve them and to allow more time for professional work, two internes were appointed, their terms of service beginning in July. They will do much of the routine ward work, will care for the dispensary and make systematic examinations and analyses.

Regular meetings of the staff will be held for consultation about all cases admitted and discharged, and to consider important matters that may arise.

Plans for infirmary wards are completed, but there is little expectation of their being built this coming year. Meanwhile, to facilitate the work, one ward on each wing will be fitted for the reception and observation of new cases, and one will be used as a sick ward.

Laboratory work is at present done under very unsatisfactory conditions. The changes which are expected to be made this year provide for a room well lighted and fitted for scientific work.

An idea prevails that hypnotics are freely used in the hospitals for insane. It has been our experience that in very few cases are such remedies useful or required. Sleep induced by drugs is followed by increased excitement usually. We never give anything to quiet chronic cases solely because they are noisy, because the relief is but temporary. Even in acute cases we do not worry at lack of sleep if the patient is taking and digesting a proper amount of nourishment.

Patients are frequently admitted in a very restless condition, still under the influence of drugs given at home, whose excitement soon subsides under the administration of baths and a proper amount of nourishment, with a good nurse to care for them; and usually under such conditions a sufficient amount of sleep is had in a day or two. The only drugs used as hypnotics in the past year have been bromides, trional and sulphonal. The doses are repeated but once or twice in each case, and altogether only a limited quantity has been used.

### WORSHIP AND ENTERTAINMENTS.

Religious worship has been held every Sunday, the different clergymen from town kindly officiating. Four evenings during the week, till summer, assemblies have been held in chapel, consisting largely of music and reading, with an occasional lecture by one of the staff on some timely topic. There were the following entertainments during the year:—

Quadrille parties on . . . . .	25 evenings.
Lectures on . . . . .	2 evenings.
Ventriloquism and elocution on . . . . .	3 evenings.
Concerts on . . . . .	9 evenings.

### THE FARM.

The farm has been productive, furnishing a large variety of fruits and vegetables, allowing a much more liberal dietary than could otherwise be given. This year, however, owing to the cool weather and frequent rains early in the summer, the crops in general did not mature so well as usual. While the supply of hay was the largest in the history of the institution, the apple and potato crops were very much smaller than usual. A table is annexed to the report, giving a list of farm products for the year.

A lot of land containing about six acres, which was formerly a wooded swamp, has been cleared, drained and cultivated. An adjoining portion will be cleared this year.

Before long a new barn will be required, the one now in use being old, unsafe, not large enough and poorly arranged, especially in the quarters for the cattle.

### FINANCES.

The necessary weekly cost for each patient during the year was \$3.27. This sum is a little larger than for last year and somewhat smaller than the average for ten years past. The necessary expenses of operating the hospital remain about the same as last year, to be borne by a daily average number of patients smaller by 16 than last year. A more liberal diet has been allowed to the patients who work on the farm, and the special diet furnished the sick and feeble cases has added more to the cost of maintenance than usual; less generosity in this direction is not desirable.

## ACKNOWLEDGMENTS.

By the generosity of Dr. Nims, who contributed the larger part of the expense, a fine pipe organ was placed in the chapel as a memorial of the late Mrs. Nims. It is of beautiful design, the decoration harmonizing with its surroundings. Its tone is sweet and full, adding greatly to the entertainment and worship. It is highly appreciated by every one connected with the hospital, and will be a perpetual source of pleasure.

We have also to acknowledge the gift, from one of the trustees, of a fine flag to be displayed on public holidays and special occasions.

During the year the choir boys of St. John's church, under the leadership of Mr. A. Locke Norris, have given two musical entertainments, repeating the Christmas and Easter services.

We are indebted to the Parenteau Family and to Mr. Franks' orchestra for concerts which were much enjoyed.

We have received regularly copies of the "New England Staaten Zeitung," "The Christian Register" and "The Berkshire County Eagle," for which we thank the publishers.

I cheerfully commend my associates for their faithfulness to duty and for their active interest in the welfare of the hospital. To your Board I express my appreciation of your support and counsel.

JOHN A. HOUSTON.

## DIETARY OF THE NORTHAMPTON LUNATIC HOSPITAL.

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[There are two bills of fare, the first of which is supplied to the tables of about two hundred persons, and the second to those of somewhat over three hundred.]

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### BILL OF FARE No. 1.

#### BREAKFAST.

- Monday.* — Tea, coffee, broiled beefsteak, potatoes, warm rolls ("biscuit"), bread and butter.
- Tuesday.* — Tea, coffee, fried tripe,\* potatoes, warm rolls, bread and butter.
- Wednesday.* — Tea, coffee, broiled beefsteak, potatoes and warm brown (rye and Indian) bread.
- Thursday.* — Tea, coffee, broiled beefsteak, potatoes, warm rolls, bread and butter.
- Friday.* — Tea, coffee, fried tripe,\* potatoes, warm rolls, bread and butter.
- Saturday.* — Tea, coffee, either fried fish-balls or liver, meat hash, hot corn cake, bread and butter.
- Sunday.* — Tea, coffee, cold corned beef, potatoes, warm rolls, bread, butter and fried Indian corn pudding.

#### DINNER.

- Monday.* — Roast beef, potatoes and one other vegetable,† bread, butter, boiled rice with syrup or sugar.
- Tuesday.* — Vegetable soup, roast or stewed veal,‡ potatoes and one other vegetable,† bread, butter and baked Indian pudding.
- Wednesday.* — Either fried or baked fresh fish or boiled mutton, potatoes and one other vegetable,† bread, butter and berry or apple pudding, with sauce.§
- Thursday.* — Vegetable soup, corned beef, potatoes and one other vegetable,† bread, butter and boiled suet pudding with syrup.

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\* 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.

† At least three vegetables during the summer.

‡ Substituted in winter by fresh pork ribs, roasted.

§ In spring, maple syrup is used as sauce for puddings.

*Friday.*—Either boiled or roasted mutton\* or stewed or roasted veal, potatoes and one other vegetable,† bread, butter and tapioca pudding or raisin pudding of either rice, bread or cracker.

*Saturday.*—Baked beans, corned beef, potatoes and one other vegetable,‡ pickles, bread, butter and baked bread pudding.

*Sunday.*—Cold corned beef, potatoes, warmed baked beans, pickles, bread, butter and pies, the kind varying with the season.

#### SUPPER.

*Monday.*—Tea, bread, warm corn cake, butter, hard gingerbread and a relish.‡

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

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

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

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

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

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

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

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#### BILL OF FARE No. 2.

##### BREAKFAST.

*Monday.*—Coffee, cold corned beef, potatoes and bread.

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

*Wednesday.*—Coffee, meat stew, potatoes and warm rye and Indian corn brown bread.

*Thursday.*—Coffee, picked codfish cooked in milk, potatoes and bread.

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

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

*Sunday.*—Coffee, cold baked beans, potatoes and bread.

Butter is used in two halls in the morning.

##### DINNER.

*Monday.*—Roast beef, potatoes and one other vegetable,‡ boiled hominy with molasses and bread.

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\* Substituted by stewed oysters in winter and spring, with some kind of roasted meat for those who prefer it.

† At least three vegetables during the summer.

‡ 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,\* baked Indian pudding † and bread.

*Wednesday.*—Boiled fresh fish with drawn-butter sauce, potatoes and one other vegetable,\* boiled hasty pudding with molasses and bread.

*Thursday.*—Vegetable soup, potatoes, cabbage or some other vegetable,\* boiled rice with molasses ‡ and bread.

*Friday.*—Boiled codfish with drawn-butter sauce, potatoes, beets or some other vegetable, 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.

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

*Wednesday.*—Tea, bread, butter and some kind of relish.

*Thursday.*—Tea, bread and butter.

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

*Saturday.*—Tea, bread and butter, sauce.

*Sunday.*—Tea, bread and butter.

#### EXTRAS.

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 four halls, sauce, of either fresh or dried apples, is furnished as often as three 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.

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.

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\* At least three vegetables in the summer.

† All baked puddings for the whole household are made with milk.

‡ Maple syrup is furnished, in place of molasses, three or four times in the spring.

## STATISTICAL TABLES.

1. — *General Statistics of the Year.*

	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1896, . . . . .	292	267	559
Admitted within the year, . . . . .	96	86	182
Whole number of cases within the year, . . . . .	388	353	741
Viz.: insane, . . . . .	387	351	738
voluntary, . . . . .	1	—	1
dipsomaniac and opium habit, . . . . .	—	2	2
Discharged within the year, . . . . .	120	99	219
Viz.: as recovered at time of leaving the hos- pital, . . . . .	16	14	30
as much improved, . . . . .	12	9	21
as improved, . . . . .	17	18	35
as not improved, . . . . .	48	38	86
as dipsomania and opium habit, . . . . .	—	2	2
Deaths, . . . . .	27	18	45
Patients remaining Sept. 30, 1897, . . . . .	268	254	522
Viz.: supported as State patients, . . . . .	36	17	53
supported as town patients, . . . . .	193	189	382
supported as private patients, . . . . .	39	48	87
Number of different persons within the year, . . . . .	385	350	735
Persons admitted, . . . . .	95	85	180
Persons recovered, . . . . .	16	14	30
Daily average number of patients, . . . . .	284.56	259.95	544.51
Viz.: State, . . . . .	44.12	20.20	64.32
town, . . . . .	204.11	194.54	398.65
private, . . . . .	36.33	45.21	81.54

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.
<b>1896.</b>												
October, .	8	12	20	3	4	7	5	1	6	291.09	269.54	560.63
November, .	9	7	16	5	6	11	3	1	4	292.07	274.23	566.30
December, .	2	10	12	3	4	7	4	3	7	291.42	275.80	567.22
<b>1897.</b>												
January, .	8	2	10	5	1	6	1	1	2	289.00	276.35	565.35
February, .	8	6	14	8	5	13	-	1	1	290.32	275.43	565.75
March, .	7	4	11	3	34	37	4	1	5	289.35	246.87	536.22
April, .	8	9	17	8	1	9	2	1	3	291.63	250.80	542.43
May, .	11	9	20	6	10	16	3	2	5	291.16	252.77	543.93
June, .	11	4	15	3	8	11	1	1	2	294.96	247.00	541.96
July, .	12	10	22	41	3	44	-	2	2	264.06	248.64	512.70
August, .	6	6	12	7	4	11	2	2	4	263.48	248.55	512.03
September, .	6	7	13	2	1	3	2	2	4	266.23	253.47	519.70
Total of cases, .	96	86	182	93	81	174	27	18	45	-	-	-
Total of persons, .	95	85	180	92	80	172	-	-	-	-	-	-
Daily average, .	-	-	-	-	-	-	-	-	-	284.56	259.95	544.51

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

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	77	70	147	—	—	—
Second, . . . . .	13	12	25	4	4	8
Third, . . . . .	4	2	6	2	2	4
Fourth, . . . . .	1	2	3	—	2	2
Seventh, . . . . .	1	—	1	5	—	5
Total of cases, . . . . .	96	86	182	11	8	19
Total of persons, . . . . .	95	85	180	6	6	12

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

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Never before in any hospital for insane, . . . . .	73	65	138
Former inmates of this hospital only, . . . . .	19	14	33
of other hospitals only, . . . . .	3	4	7
of this and other hospitals, . . . . .	—	2	2
Total of persons, . . . . .	95	85	180

5. — *Residence of Persons admitted.*

PLACES.	Males.	Females.	Totals.
Hampshire County, . . . . .	19	18	37
Hampden County, . . . . .	55	46	101
Berkshire County, . . . . .	12	11	23
Franklin County, . . . . .	9	9	18
Worcester County, . . . . .	—	1	1
Totals, . . . . .	95	85	180
Cities or towns, . . . . .	64	52	116
Country districts, . . . . .	31	33	64
Totals, . . . . .	95	85	180

6. — *Nativity and Parentage of Persons admitted.*

PLACES OF NATIVITY.	PATIENTS.			PARENTS.					
				MALES.		FEMALES.		TOTALS.	
	Ma.	Fe.	Tot.	Fa.	Mo.	Fa.	Mo.	Fa.	Mo.
Maine, . . . . .	1	2	3	1	1	3	1	4	2
New Hampshire, . . . .	1	1	2	3	2	1	1	4	3
Vermont, . . . . .	3	4	7	1	3	2	3	3	6
Massachusetts, . . . .	45	34	79	25	23	21	22	46	45
Rhode Island, . . . . .	—	—	—	1	—	—	—	1	—
Connecticut, . . . . .	3	2	5	3	3	5	1	8	4
New York, . . . . .	2	11	13	—	2	4	6	4	8
New Jersey, . . . . .	—	—	—	1	—	—	—	1	—
Pennsylvania, . . . . .	1	—	1	—	—	—	—	—	—
Ohio, . . . . .	—	1	1	—	—	1	1	1	1
Maryland, . . . . .	—	1	1	—	—	—	—	—	—
Canada, . . . . .	8	6	14	9	9	8	10	17	19
England, . . . . .	4	2	6	4	4	3	3	7	7
Scotland, . . . . .	1	3	4	1	1	3	4	4	5
Ireland, . . . . .	17	16	33	36	37	29	31	65	68
Germany, . . . . .	4	1	5	4	4	1	1	5	5
Italy, . . . . .	1	1	2	1	1	—	—	1	1
Austria, . . . . .	—	—	—	—	—	1	1	1	1
Holland, . . . . .	1	—	1	1	1	—	—	1	1
Sweden, . . . . .	1	—	1	1	1	—	—	1	1
Armenia, . . . . .	1	—	1	1	1	—	—	1	1
Belgium, . . . . .	—	—	—	—	—	1	—	1	—
Switzerland, . . . . .	—	—	—	—	—	1	—	1	—
France, . . . . .	1	—	1	1	1	—	—	1	1
Unknown, . . . . .	—	—	—	1	1	1	—	2	1
Totals, . . . . .	95	85	180	95	95	85	85	180	180

7.—*Civil Condition of Persons admitted.*

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			DIVORCED.			TOTAL.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . .	27	27	54	42	32	74	6	11	17	2	—	2	77	70	147
Second, . . .	7	5	12	5	5	10	1	1	2	—	1	1	13	12	25
Third, . . .	2	1	3	1	1	2	1	—	1	—	—	—	4	2	6
Fourth, . . .	1	—	1	—	2	2	—	—	—	—	—	—	1	2	3
Seventh, . . .	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1
Totals, . . .	38	33	71	48	40	88	8	12	20	2	1	3	96	86	182



[illegible]

## 9. — Occupation of Persons admitted.

MALES.			
Actor, . . . . .	1	Masons, . . . . .	2
Bank watchman, . . . . .	1	Mechanics, . . . . .	2
Barber, . . . . .	1	Merchant, . . . . .	1
Blacksmiths, . . . . .	2	Mill operatives, . . . . .	8
Book-keeper, . . . . .	1	Night watchman, . . . . .	1
Brewer, . . . . .	1	Painters, . . . . .	4
Carpenters, . . . . .	2	Paper makers, . . . . .	3
Cigar maker, . . . . .	1	Plasterer, . . . . .	1
Clergyman, . . . . .	1	Railroad employee, . . . . .	1
Farmers, . . . . .	15	Salesman, . . . . .	1
Gardener, . . . . .	1	Shoemaker, . . . . .	1
Hostler, . . . . .	1	Soldiers, . . . . .	2
Inspector (U. S. Armory), . . . . .	1	Spinner, . . . . .	1
Laborers, . . . . .	26	Steam fitter, . . . . .	1
Lawyer, . . . . .	1	Student, . . . . .	1
Lithographer, . . . . .	1	Teamsters, . . . . .	5
Lumberman, . . . . .	1	No occupation, . . . . .	1
Marble worker, . . . . .	1	Total, . . . . .	95

FEMALES.			
Clerk, . . . . .	1	"Housework," . . . . .	8
Domestics, . . . . .	7	Mill operatives, . . . . .	7
Dressmakers, . . . . .	2	Paper finisher, . . . . .	1
Housekeeper, . . . . .	1	Stenographer, . . . . .	1
"Housewives," . . . . .	27	No occupation, . . . . .	18

WIFE OF			
Brass moulder, . . . . .	1	Mechanic, . . . . .	1
Carpenter, . . . . .	3	Merchant, . . . . .	2
Farmer, . . . . .	1	Painter, . . . . .	1
Laborer, . . . . .	4	Total, . . . . .	85

*10. — Record of Cases admitted within the Year.*

PATIENTS.	Males.	Females.	Totals.
Admitted, . . . . .	96	86	182
Insane, . . . . .	95	84	179
Voluntary, . . . . .	1	—	1
Dipsomania and opium habit, . . . . .	—	2	2
Discharged recovered, . . . . .	13	7	20
much improved, . . . . .	6	3	9
improved, . . . . .	9	3	12
not improved, . . . . .	4	7	11
dipsomania and opium habit, . . . . .	—	2	2
Died, . . . . .	8	6	14
Remaining Sept. 30, 1897, . . . . .	56	58	114
Number likely to recover or improve, . . . . .	16	18	34

11. — *Ages of Insane at First Attack, Admissions and Deaths.*

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, . . . . .	1	2	3	-	-	-	-	-	-	-	-	-
15 years and less, . . .	1	2	3	-	-	-	-	-	-	-	-	-
From 15 to 20 years, . .	-	6	6	-	8	8	1	-	1	-	-	-
20 to 25 years, . . . .	8	6	14	7	5	12	2	1	3	-	-	-
25 to 30 years, . . . .	5	6	11	13	7	20	-	1	1	2	1	3
30 to 35 years, . . . .	6	6	12	8	7	15	3	2	5	1	-	1
35 to 40 years, . . . .	6	8	14	6	6	12	3	1	4	3	1	4
40 to 50 years, . . . .	9	14	23	13	16	29	3	4	7	4	2	6
50 to 60 years, . . . .	13	6	19	12	10	22	4	3	7	3	5	8
60 to 70 years, . . . .	9	4	13	10	5	15	4	1	5	6	2	8
70 to 80 years, . . . .	4	1	5	7	5	12	4	3	7	7	3	10
Over 80 years, . . . . .	-	1	1	1	1	2	-	2	2	1	4	5
Unknown, . . . . .	15	8	23	-	-	-	3	-	3	-	-	-
Total of persons, . . .	77	70	147	77	70	147	27	18	45	27	18	45
Mean ages, . . . . .	45.36	38.68	42.00	57.69	46.03	51.81	44.00	53.61	47.84	57.10	62.22	59.15

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

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTAL.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital, . . . . .	1	2	3	2	-	2	3	2	5
Under 1 month, . . . . .	14	9	23	3	2	5	17	11	28
From 1 to 3 months, . . .	11	12	23	1	2	3	12	14	26
3 to 6 months, . . . . .	8	9	17	-	2	2	8	11	19
6 to 12 months, . . . . .	11	6	17	1	-	1	12	6	18
1 to 2 years, . . . . .	4	10	14	-	1	1	4	11	15
2 to 5 years, . . . . .	13	6	19	5	5	10	18	11	29
5 to 10 years, . . . . .	1	3	4	1	2	3	2	5	7
10 to 20 years, . . . . .	4	3	7	2	1	3	6	4	10
Over 20 years, . . . . .	1	1	2	2	-	2	3	1	4
"Years," . . . . .	1	1	2	-	1	1	1	2	3
Unknown, . . . . .	8	8	16	2	-	2	10	8	18
Total of cases, . . . . .	77	70	147	19	16	35	96	86	182
Total of persons, . . . . .	77	70	147	19	15	34	96	85	181
Average in years, . . . . .	2.52	2.35	2.53	6.58	3.13	5.29	3.32	2.47	2.92

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

FORM OF DISEASE.	CASES ADMITTED.			CASES DISCHARGED.						AGGREGATE.		
	ADMITTED.			RECOVERED.		MUCH IMPROVED.		IMPROVED.		NOT IMPROVED.		TOTALS.
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	
A.—Insane:—												
Mania, acute, . . .	14	10	24	5	10	15	3	4	7	1	16	21
chronic, . . .	7	8	15	—	—	—	2	2	—	—	—	50
recurrent, . . .	1	1	2	—	—	—	—	—	—	—	—	—
toxic, . . .	18	7	25	5	3	8	1	2	—	—	—	15
& <i>potu</i> , . . .	1	—	1	—	—	—	—	—	—	—	—	—
Melancholia, acute, . . .	14	18	32	3	4	7	1	4	—	—	—	23
chronic, . . .	5	10	15	2	1	3	1	1	—	—	—	16
recurrent, . . .	1	2	3	—	—	—	—	—	—	—	—	—
Dementia, primary, . . .	—	1	1	—	—	—	—	—	—	—	—	—
secondary, . . .	4	6	10	—	—	—	—	—	—	—	—	—
senile, . . .	12	3	15	—	—	—	—	—	—	—	—	—
organic, . . .	6	1	7	—	—	—	—	—	—	—	—	—
Primary delusional insanity, . . .	1	10	11	—	—	—	—	—	—	—	—	—
Acute confusional insanity, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Congenital mental deficiency, . . .	3	3	6	—	—	—	—	—	—	—	—	—
Epilepsy, . . .	5	3	8	—	—	—	—	—	—	—	—	—
Paresis, . . .	3	2	5	—	—	—	—	—	—	—	—	—
Dipsomania, . . .	—	1	1	—	—	—	—	—	—	—	—	—
Opium habit, . . .	—	1	1	—	—	—	—	—	—	—	—	—
Total of cases, . . .	96	86	182	16	14	30	12	17	18	35	48	219
Total of persons, . . .	95	85	180	16	14	30	12	17	18	35	48	219

14. — Discharges, classified by Admission 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, . . . . .	15	12	27	4	5	9	16	16	32	38	25	63	—	—	—	24	14	38	97	72	169
Second, . . . . .	1	1	2	6	4	10	—	1	1	9	10	19	—	2	2	1	3	4	17	21	38
Third, . . . . .	—	1	1	1	—	1	—	1	1	—	2	2	—	—	—	1	—	1	2	4	6
Fourth, . . . . .	—	—	—	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—	2	—	2
Fifth, . . . . .	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	1	—	1	1	1	2
Seventh, . . . . .	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1
Seventeenth, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	1
Total of cases, . . . . .	16	14	30	12	9	21	17	18	35	48	38	86	—	2	2	27	18	45	120	99	219
Total of persons, . . . . .	16	14	30	12	9	21	17	18	35	48	38	86	—	2	2	27	18	45	120	99	219

15. — *Causes of Death.*

CAUSES.	Males.	Females.	Totals.
Nervous system : —			
Exhaustion of mania, acute, . . . . .	—	1	1
mania, chronic, . . . . .	3	1	4
melancholia, acute, . . . . .	—	1	1
dementia, senile, . . . . .	4	1	5
dementia, post-paralytic, . . . . .	2	—	2
Organic brain disease, . . . . .	1	1	2
Organic brain disease and shock, . . . . .	1	—	1
Paralysis agitans and chronic melancholia, . . . . .	1	—	1
Alcoholic insanity and heart disease, . . . . .	1	—	1
Apoplexy, . . . . .	3	2	5
Epilepsy, . . . . .	1	—	1
Paresis, . . . . .	5	—	5
Respiratory system : —			
Pneumonia, . . . . .	—	2	2
Pulmonary tuberculosis, . . . . .	3	3	6
Circulatory system : —			
Heart disease, . . . . .	2	2	4
General : —			
Necrosis, . . . . .	—	1	1
Senility, . . . . .	—	2	2
Uræmia, . . . . .	—	1	1
Totals, . . . . .	27	18	45

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

PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Under 1 month, . . .	6	4	10	2	—	2	1	—	1	1	—	1
From 1 to 3 months, . . .	2	6	8	9	7	16	3	2	5	5	3	8
3 to 6 months, . . .	3	3	6	4	3	7	3	3	6	3	4	7
6 to 12 months, . . .	1	—	1	1	3	4	3	6	9	2	3	5
1 to 2 years, . . .	—	—	—	—	1	1	2	1	3	2	—	2
2 to 5 years, . . .	1	—	1	—	—	—	1	—	1	1	—	1
5 to 10 years, . . .	—	—	—	—	—	—	—	—	—	—	—	—
10 to 20 years, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Unknown, . . .	3	1	4	—	—	—	3	2	5	—	—	—
Totals, . . .	16	14	30	16	14	30	16	14	30	16	14	30
Average of known cases (in months),	4.92	1.92	3.76	2.87	4.14	3.46	4.69	6.41	5.48	7.62	5.92	6.83
										3.12	4.85	3.93

## 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.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Under 1 month, . . . . .	2	1	3	3	3	6	1	1	2	1	1	2
From 1 to 3 months, . . . . .	5	1	6	4	2	6	3	1	4	3	3	6
3 to 6 months, . . . . .	2	3	5	3	—	3	1	1	2	2	—	2
6 to 12 months, . . . . .	3	3	6	3	3	6	3	3	6	4	2	6
1 to 2 years, . . . . .	2	5	7	4	1	5	6	1	7	3	2	5
2 to 5 years, . . . . .	4	4	8	5	3	8	5	5	10	6	3	9
5 to 10 years, . . . . .	2	—	2	3	3	6	5	2	7	3	2	5
10 to 20 years, . . . . .	1	1	2	—	3	3	1	4	5	—	4	4
Over 20 years, . . . . .	2	—	2	2	—	2	2	2	4	2	—	2
Unknown, . . . . .	4	—	4	—	—	—	4	—	4	—	—	—
Totals, . . . . .	27	18	45	27	18	45	27	18	45	27	18	45
Average of known cases (in months),	58.34	32.16	45.93	50.33	53.88	51.75	90.86	86.11	84.65	93.14	79.94	87.86
										51.33	57.88	53.95



[illegible]



[illegible]

Totals,



1877-78,	.	.	.	4	6	10
1878-79,	.	.	.	4	5	9
1879-80,	.	.	.	3	6	9
1880-81,	.	.	.	1	7	8
1881-82,	.	.	.	6	4	10
1882-83,	.	.	.	-	6	6
1883-84,	.	.	.	5	8	13
1884-85,	.	.	.	4	10	14
1885-86,	.	.	.	12	12	24
1886-87,	.	.	.	4	5	9
1887-88,	.	.	.	11	6	17
1888-89,	.	.	.	6	10	16
1889-90,	.	.	.	6	9	15
1890-91,	.	.	.	4	3	7
1891-92,	.	.	.	10	5	15
1892-93,	.	.	.	8	10	18
1893-94,	.	.	.	9	6	15
1894-95,	.	.	.	7	6	13
1895-96,	.	.	.	11	3	14
1896-97,	.	.	.	6	5	11
Totals,	.	.	.	233	238	471

20. — Operations of the Hospital, from the Beginning, in Each Year.

	DISCHARGED AND DIED.												Whole Number of Cases in the Year.	Number of Patients at End of the Year.												
	ADMITTED.			RECOVERED.			MUCH IMPROVED.			IMPROVED.					UNIMPROVED.			NOT INSANE.			DIED.					
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			
1858,—2 months,	99	129	228	-	-	-	-	-	-	-	-	4	-	-	4	2	2	4	-	-	-	-	-	228	220	
1858-59,	46	47	93	18	15	33	-	-	-	9	9	18	7	5	12	-	-	-	-	-	-	-	7	12	19	313
1859-60,	73	94	167	19	16	35	-	-	-	12	10	22	2	2	4	-	-	-	-	-	-	-	9	18	27	398
1860-61,	71	53	124	18	17	35	-	-	-	14	14	28	4	7	11	-	-	-	-	-	-	-	15	15	30	434
1861-62,	64	48	112	19	15	34	-	-	-	27	15	42	9	5	14	1	-	-	1	-	-	-	9	10	19	442
1862-63,	70	68	138	12	16	28	-	-	-	16	10	26	4	3	7	-	-	-	-	-	-	-	19	7	26	470
1863-64,	47	45	92	30	19	49	-	-	-	19	15	34	4	6	10	-	-	-	1	-	-	-	17	30	47	475
1864-65,	70	64	134	17	16	33	-	-	-	14	15	29	8	5	13	-	-	-	-	-	-	-	17	24	41	468
1865-66,	75	61	136	16	10	26	-	-	-	12	7	19	5	2	7	-	-	-	-	-	-	-	18	13	31	488
1866-67,	61	77	138	24	18	42	-	-	-	15	13	28	6	7	13	-	-	-	-	-	-	-	23	24	47	543
1867-68,	68	84	152	21	19	40	-	-	-	22	27	49	5	7	12	-	-	-	-	-	-	-	25	18	43	565
1868-69,	84	85	169	31	18	49	-	-	-	23	33	56	20	38	58	-	-	-	-	-	-	-	13	12	25	590
1869-70,	90	112	202	23	27	50	-	-	-	15	43	58	22	34	56	-	-	-	2	-	-	-	22	11	33	604
1870-71,	109	102	211	16	27	43	-	-	-	23	41	64	31	30	61	-	-	-	-	-	-	-	16	12	28	616
1871-72,	101	98	199	25	15	40	-	-	-	33	27	60	22	27	49	-	-	-	-	-	-	-	19	18	37	619
1872-73,	102	79	181	19	29	48	-	-	-	37	22	59	23	29	62	-	-	-	1	-	-	-	13	8	21	614
1873-74,	105	88	193	25	12	37	-	-	-	24	19	43	27	18	45	-	-	-	-	-	-	-	14	11	25	626
1874-75,	75	78	153	16	13	29	-	-	-	21	24	45	17	21	38	-	-	-	-	-	-	-	23	18	41	629
1875-76,	76	77	153	19	13	32	-	-	-	18	31	49	24	23	47	-	-	-	-	-	-	-	18	19	37	629
1876-77,	68	71	139	15	18	33	-	-	-	8	13	21	15	17	32	-	-	-	-	-	-	-	21	21	42	603
																										475

1877-78,	.	40	36	76	7	19	26	-	-	-	17	27	44	16	13	29	-	-	-	14	9	23	551	429
1878-79,	.	63	43	106	13	13	26	-	-	-	15	13	28	11	3	14	1	1	2	14	9	23	535	442
1879-80,	.	59	58	117	16	12	28	5	7	12	11	12	23	9	10	19	2	-	2	17	12	29	559	446
1880-81,	.	57	66	123	7	13	20	6	7	13	15	15	30	6	10	16	1	-	1	16	10	26	569	468
1881-82,	.	62	62	124	13	15	28	4	9	13	7	14	21	14	13	27	-	1	1	24	14	38	587	459
1882-83,	.	73	69	142	11	17	28	9	-	9	18	15	33	21	14	35	1	1	2	17	13	30	606	466
1883-84,	.	61	75	136	9	16	25	6	11	17	16	19	35	16	20	36	3	1	4	12	13	25	605	463
1884-85,	.	66	70	136	17	12	29	4	5	9	12	17	29	10	16	26	1	2	3	16	11	27	599	476
1885-86,	.	85	98	183	10	19	29	8	2	10	23	36	59	20	23	43	1	-	1	14	12	26	659	491
1886-87,	.	72	76	148	16	8	24	5	3	8	36	31	67	21	16	37	1	2	3	13	18	31	639	469
1887-88,	.	87	79	166	23	13	36	3	6	9	25	22	47	12	17	29	2	-	2	14	17	31	635	481
1888-89,	.	98	57	155	27	15	42	6	6	12	25	40	65	35	8	43	2	1	3	18	7	25	636	446
1889-90,	.	91	79	170	18	14	32	5	9	14	17	17	34	12	5	17	1	2	3	12	9	21	616	495
1890-91,	.	82	59	141	29	16	45	7	7	14	27	26	53	18	22	40	-	-	-	19	12	31	636	453
1891-92,	.	102	75	177	16	21	37	9	10	19	13	8	21	15	8	23	3	-	3	29	9	38	630	489
1892-93,	.	91	78	169	20	11	31	11	15	26	19	18	37	21	22	43	4	-	4	20	17	37	658	480
1893-94,	.	89	83	172	20	12	32	7	7	14	11	17	28	14	22	36	1	-	1	26	11	37	652	504
1894-95,	.	110	91	201	16	22	38	15	7	22	15	14	29	19	19	38	-	-	-	18	14	32	705	546
1895-96,	.	114	95	209	23	13	36	8	6	14	19	20	39	19	41	60	-	1	1	28	18	46	755	559
1896-97,	.	96	86	182	16	14	30	12	9	21	17	18	35	48	38	86	-	2	2	27	18	45	741	522



22. — *Classified Average of Patients.*

OFFICIAL YEAR.	State Patients.	Town Patients.	Private Patients.	Totals.
<i>Monthly Average.</i>				
1864-65, . . . .	225.10	48.16	69.83	343.25
1865-66, . . . .	252.16	50.58	75.58	378.33
<i>Weekly Average.</i>				
1866-67, . . . .	261.96	49.46	89.75	401.17
1867-68, . . . .	262.65	47.92	103.06	413.63
1868-69, . . . .	248.52	54.98	101.46	404.96
1869-70, . . . .	236.19	65.04	107.23	408.46
1870-71, . . . .	234.10	77.07	118.38	429.55
1871-72, . . . .	226.96	89.57	112.27	428.80
1872-73, . . . .	248.02	99.23	90.00	437.25
1873-74, . . . .	284.48	102.88	82.06	469.42
1874-75, . . . .	274.35	128.34	72.46	475.15
1875-76, . . . .	259.19	146.02	68.94	474.15
1876-77, . . . .	254.84	161.58	60.02	476.44
1877-78, . . . .	211.90	175.71	54.75	442.36
1878-79, . . . .	200.34	182.29	54.23	436.86
1879-80, . . . .	197.03	198.01	54.46	450.50
1880-81, . . . .	180.82	214.15	57.19	452.15
1881-82, . . . .	166.84	238.25	56.52	461.61
1882-83, . . . .	161.62	247.63	57.58	466.83
1883-84, . . . .	155.10	251.23	56.06	462.39
1884-85, . . . .	154.44	261.58	59.82	475.84
1885-86, . . . .	140.23	270.52	63.61	474.36
1886-87, . . . .	122.78	289.38	66.00	478.16
1887-88, . . . .	112.17	294.01	64.01	470.19
1888-89, . . . .	104.67	303.01	61.31	468.99
1889-90, . . . .	96.86	311.17	62.07	470.10
<i>Daily Average.</i>				
1890-91, . . . .	90.71	297.78	68.51	457.00
1891-92, . . . .	85.64	309.42	74.03	469.09
1892-93, . . . .	75.83	338.72	65.71	480.26
1893-94, . . . .	83.50	339.83	70.68	494.11
1894-95, . . . .	80.87	376.02	69.67	526.56
1895-96, . . . .	81.57	403.15	75.77	560.49
1896-97, . . . .	64.32	398.65	81.54	544.51

23. — *Deaths and their Ratios, from Sept. 30, 1858, to Oct. 1, 1897.*

OFFICIAL YEAR.	Whole No. of Patients.	Daily Average No. of Patients.	DEATHS.			Per Cent. on Whole No. of Patients treated.	Per Cent. on Daily Average No. of Patients.
			Men.	Women.	Totals.		
1858-59, . . .	313	229.55	7	12	19	6.07	8.27
1859-60, . . .	398	255.96	9	18	27	6.78	10.54
1860-61, . . .	434	314.26	15	15	30	6.91	9.54
1861-62, . . .	442	313.80	9	10	19	4.29	6.05
1862-63, . . .	470	355.28	19	7	26	5.53	7.31
1863-64, . . .	475	357.63	17	30	47	9.89	13.14
1864-65, . . .	469	342.40	17	24	41	8.76	11.97
1865-66, . . .	488	376.35	18	13	31	6.35	8.23
1866-67, . . .	543	401.03	23	24	47	8.65	11.71
1867-68, . . .	565	413.41	25	17	43	7.61	10.40
1868-69, . . .	590	405.10	13	12	25	4.23	6.17
1869-70, . . .	604	408.83	22	11	33	5.46	8.07
1870-71, . . .	616	421.90	16	12	28	4.54	6.64
1871-72, . . .	619	428.72	19	18	37	5.97	8.63
1872-73, . . .	614	437.23	13	8	21	3.42	4.80
1873-74, . . .	626	469.54	14	11	25	3.99	5.32
1874-75, . . .	629	475.35	23	18	41	6.52	8.62
1875-76, . . .	629	474.21	18	19	37	5.88	7.80
1876-77, . . .	603	476.16	21	21	42	6.96	8.82
1877-78, . . .	551	442.43	14	9	23	4.17	5.19
1878-79, . . .	535	436.73	14	9	23	4.29	5.27
1879-80, . . .	559	450.51	17	12	29	5.19	6.44
1880-81, . . .	569	451.79	16	10	26	4.57	5.75
1881-82, . . .	587	461.66	24	14	38	6.47	8.23
1882-83, . . .	606	466.76	17	13	30	4.95	6.42
1883-84, . . .	605	463.05	12	13	25	4.13	5.39
1884-85, . . .	599	475.94	16	11	27	4.51	5.67
1885-86, . . .	659	474.40	14	12	26	3.94	5.48
1886-87, . . .	639	478.55	13	18	31	4.85	6.47
1887-88, . . .	635	470.25	14	17	31	4.88	6.59
1888-89, . . .	636	469.10	18	7	25	3.93	5.32
1889-90, . . .	616	470.50	12	9	21	3.40	4.46
1890-91, . . .	636	457.00	19	12	31	4.87	6.78
1891-92, . . .	630	469.09	29	9	38	6.03	8.10
1892-93, . . .	658	480.26	20	17	37	5.62	7.70
1893-94, . . .	652	494.11	26	11	37	5.67	7.48
1894-95, . . .	705	526.56	18	14	32	4.53	6.07
1895-96, . . .	755	560.49	28	18	46	6.09	8.21
1896-97, . . .	741	544.51	27	18	45	6.07	8.26

24. — *Days' Work by Patients.*

MONTHS.	FARM.	KITCHEN.			SEWING-ROOM.	LAUNDRY.		
	Men.	Men.	Women.	Totals.	Women.	Men.	Women.	Totals.
<b>1896.</b>								
October, . .	693	124	153	277	343	92	381	473
November, . .	613	120	172	292	352	90	398	488
December, . .	607	124	223	347	339	98	430	528
<b>1897.</b>								
January, . .	571	124	227	351	408	94	474	568
February, . .	543	112	214	326	449	88	451	539
March, . .	587	124	213	337	518	97	469	566
April, . .	593	120	253	373	474	92	449	541
May, . .	623	124	296	420	419	92	473	565
June, . .	657	217	193	410	367	95	502	597
July, . .	679	248	218	466	421	100	526	626
August, . .	662	235	217	452	413	107	495	602
September, .	678	243	240	483	352	115	366	481
Totals, . .	7,406	1,915	2,619	4,534	4,855	1,160	5,414	6,574

*25. — List of Articles made in the Sewing-room.*

Aprons, . . . . .	522	Night dresses, . . . . .	104
Bureau covers, . . . . .	139	Ox blankets, . . . . .	4
Chemises, . . . . .	173	Pillow cases, . . . . .	746
Curtains, . . . . .	93	Pillow ticks, . . . . .	207
Camisoles, . . . . .	23	Roller towels, . . . . .	490
Clothes bags, . . . . .	92	Skirts, . . . . .	135
Carpet strips, . . . . .	56	Shirts, . . . . .	567
Carpeting, yards, . . . . .	112	Sheets, . . . . .	1,157
Caps, . . . . .	583	Spreads hemmed, . . . . .	55
Dresses, . . . . .	342	Strong suit, . . . . .	1
Drawers, . . . . .	82	Suspenders, pairs, . . . . .	199
Feather ticks, . . . . .	5	Towels, . . . . .	1,284
Hats trimmed, . . . . .	22	Tablecloths, . . . . .	97
Jumpers, . . . . .	5	Underwaists, . . . . .	21
Mattress ticks, . . . . .	179	Wash cloths, . . . . .	50
Napkins, . . . . .	159	Articles repaired, . . . . .	22,030

*26. — Upholstery done in the Year.*

Hair mattresses made, new material, . . . . .	38
Hair mattresses made, new ticks, . . . . .	135
Hair mattresses made, old material, . . . . .	54
Hair pillows made, new material, . . . . .	42
Hair pillows made, new ticks, . . . . .	37
Hair pillows made, old material, . . . . .	62

The annexed table gives the annual product of hay :—

1864, estimated,	. . .	40 tons.	1881, weighed,	. . .	213 tons.
1865, “	. . .	62 “	1882, “	. . .	170 “
1866, “	. . .	42 “	1883, “	. . .	197 “
1867, weighed,	. . .	82 “	1884, “	. . .	174 “
1868, “	. . .	86 “	1885, “	. . .	251 “
1869, “	. . .	91 “	1886, “	. . .	269 “
1870, “	. . .	74 “	1887, “	. . .	302 “
1871, “	. . .	75 “	1888, “	. . .	305 “
1872, “	. . .	91 “	1889, “	. . .	331 “
1873, “	. . .	84 “	1890, “	. . .	336 “
1874, “	. . .	120 “	1891, “	. . .	295 “
1875, “	. . .	100 “	1892, “	. . .	315 “
1876, “	. . .	111 “	1893, “	. . .	262 “
1877, “	. . .	154 “	1894, “	. . .	289 “
1878, “	. . .	179 “	1895, “	. . .	364 “
1879, “	. . .	144 “	1896, “	. . .	328½ “
1880, “	. . .	154 “	1897, “	. . .	446 “

The annexed table gives the annual product of pork :—

1865, . . . .	6,265 pounds.	1882, . . . .	14,414 pounds.
1866, . . . .	5,443 “	1883, . . . .	15,612 “
1867, . . . .	7,416 “	1884, . . . .	10,192* “
1868, . . . .	7,791 “	1885, . . . .	17,544 “
1869, . . . .	8,469 “	1886, . . . .	21,503 “
1870, . . . .	7,447 “	1887, . . . .	26,331 “
1871, . . . .	7,863 “	1888, . . . .	18,465 “
1872, . . . .	11,366 “	1889, . . . .	19,227 “
1873, . . . .	10,511 “	1890, . . . .	25,189 “
1874, . . . .	12,024 “	1891, . . . .	32,621 “
1875, . . . .	12,693 “	1892, . . . .	31,074 “
1876, . . . .	12,467 “	1893, . . . .	23,505 “
1877, . . . .	13,605 “	1894, . . . .	21,873 “
1878, . . . .	14,451 “	1895, . . . .	15,718* “
1879, . . . .	13,569 “	1896, . . . .	31,163 “
1880, . . . .	14,729 “	1897, . . . .	41,374 “
1881, . . . .	15,610 “		

\* Quantity diminished by disease.

*Farm Products in 1897.*

Hay (first growth), 320 tons, . . .	\$3,840 00	Egg plant, 1½ dozen, . . .	\$0 90
Hay (second growth), 123 tons, . . .	1,476 00	Asparagus, 47 bushels, . . .	139 00
Hay (second quality), 3 tons, . . .	18 00	Pie plant, 151½ bushels, . . .	114 60
Corn fodder, 17 tons, . . .	85 00	Spinach, 107½ bushels, . . .	83 25
Ensilage, 125 tons, . . .	437 50	Cabbage, 3,750 heads, . . .	112 50
Straw, 12 tons, . . .	144 00	Celery, 2,500 heads, . . .	75 00
Corn, 265 bushels, . . .	106 00	Apples, 328 barrels, . . .	656 00
Broom brush, 900 pounds, . . .	45 00	Pears, 12 bushels, . . .	9 00
Broom seed, 45 bushels, . . .	18 00	Quinces, 24 bushels, . . .	18 00
Rye, 135 bushels, . . .	54 00	Watermelons, 1,100 pounds, . . .	11 00
Oats, 80 bushels, . . .	24 00	Muskmelons, 1,248 pounds, . . .	12 48
Beans, 35 bushels, . . .	35 00	Currants, 7½ bushels, . . .	18 75
Beans, 142 bushels, . . .	106 50	Milk, 180,744 quarts, . . .	9,037 20
Potatoes, 1,245 bushels, . . .	996 00	Eggs, 312 dozen, . . .	88 40
Carrots, 210 bushels, . . .	85 00	Beef, 12,397 pounds, . . .	717 43
Beets, 220 bushels, . . .	110 00	Veal, 645 pounds, . . .	64 50
Onions, 416 bushels, . . .	250 00	Pork, 41,374 pounds, . . .	1,859 93
Turnips, 650 bushels, . . .	260 00	Pigs (roast), 3, . . .	7 50
Parsnips, 60 bushels, . . .	36 00	Pigs sold, 305, . . .	775 00
Sugar beets, 350 bushels, . . .	70 00	Chickens, 681, . . .	136 30
Beans (string), 16½ bushels, . . .	8 25	Calves sold, 21, . . .	61 50
Sweet corn, 252 bushels, . . .	125 00	Cider, 20 barrels, . . .	51 20
Pease, 194 bushels, . . .	194 00	Wood, 11 cords, . . .	22 00
Cucumbers, 68 bushels, . . .	34 00	Wood sold, 3½ cords, . . .	10 50
Squash (summer), 86 bushels, . . .	43 00	Ice, 500 tons, . . .	500 00
Squash (winter), 1 ton, . . .	30 00	Posts, 48, . . .	9 60
Swiss chard, 59 bushels, . . .	29 50	Husks, 1 ton, . . .	10 00
Lettuce, 111 bushels, . . .	111 00	Lumber, 4 M, . . .	48 00
Tomatoes, 155 bushels, . . .	77 50		

27. — *Trustees of the Northampton Lunatic Hospital.*

NAMES.	Residence.	When app'ted.	Service ended.	From What Cause
Charles E. Forbes,* . . .	Northampton, . . .	1856	1857	Term expired.
Lucien C. Boynton,* . . .	Uxbridge, . . .	1856	1858	Term expired.
Eliphalet Trask,* . . .	Springfield, . . .	1856	1875	Term expired.
John C. Russell,* . . .	Great Barrington, . . .	1856	1859	Resigned.
Horace Lyman, . . .	Greenfield, . . .	1856	1857	Removed.
Charles Smith,* . . .	Northampton, . . .	1857	1860	Resigned.
Luther V. Bell,* . . .	Somerville, . . .	1857	1859	Resigned.
Zebina L. Raymond,* . . .	Greenfield, . . .	1858	1859	Resigned.
Franklin Ripley,* . . .	Greenfield, . . .	1859	1860	Died in office.
Edward Dickinson,* . . .	Amherst, . . .	1859	1864	Resigned.
Walter Laffin,* . . .	Pittsfield, . . .	1859	1866	Term expired.
Silas M. Smith,* . . .	Northampton, . . .	1860	1863	Term expired.
Charles Allen, . . .	Greenfield, . . .	1860	1861	Resigned.
Alfred R. Field,* . . .	Greenfield, . . .	1861	1864	Resigned.
Edward Hitchcock, . . .	Amherst, . . .	1863	1879	Resigned.
Silas M. Smith,* . . .	Northampton, . . .	1864	1887	Died in office.
Edmund H. Sawyer,* . . .	Easthampton, . . .	1864	1879	Died in office.
Henry L. Sabin,* . . .	Williamstown, . . .	1866	1876	Term expired.
Adams C. Deane, . . .	Greenfield, . . .	1875	-	Still in office.
Henry W. Taft, . . .	Pittsfield, . . .	1876	1893	Term expired.
William M. Gaylord, . . .	Northampton, . . .	1879	1883	Term expired.
Lyman D. James, . . .	Williamsburg, . . .	1879	-	Still in office.
Christopher Merritt, . . .	Springfield, . . .	1883	1888	Term expired.
Sarah A. Woodworth, . . .	Chicopee, . . .	1884	-	Still in office.
Sarah M. Butler, . . .	Northampton, . . .	1884	-	Still in office.
John L. Otis,* . . .	Florence, . . .	1887	1890	Resigned.
N. A. Leonard,* . . .	Springfield, . . .	1888	1890	Died in office.
Alvan Barrus, . . .	Goshen, . . .	1890	-	Still in office.
Elisha Morgan, . . .	Springfield, . . .	1890	-	Still in office.
William D. MacInnes, . . .	Pittsfield, . . .	1893	-	Still in office.

\* Deceased.

28. — *Officers and Employees.*

[Time employed Oct. 1, 1897.]

NAMES.	Years.	Months.	Days.
John A. Houston, M.D., superintendent, . . .	8	—	7
Charles M. Holmes, M.D., assistant physician, . . .	8	2	21
Jane R. Baker, M.D., assistant physician, . . .	5	1	28
Payn B. Parsons, M.D., medical interne, . . .	—	1	26
William H. Coon, M.D., medical interne, . . .	—	1	25
Lewis F. Babbitt, clerk and treasurer, . . .	5	11	19
S. Emma Hines, matron, . . .	2	3	4
John Mercier, farmer, . . .	30	2	—
Walter I. Dodge, engineer, . . .	2	5	—
Robert H. Gallivan, supervisor, . . .	24	5	13
Lucy A. Gilbert, supervisor, . . .	30	7	20
Amelia Seaman, assistant clerk, . . .	—	3	—
Elizabeth Bycraft, assistant supervisor, . . .	6	—	1
Jeremiah McKenna, steward, . . .	3	5	15
George B. Walker, baker, . . .	12	3	22
Bradamante Fairbanks, seamstress, . . .	5	6	16
Chloe L. Eggleston, laundress, . . .	5	2	—
Charles E. Marshall, laundryman, . . .	3	8	16
Mattie G. Jones, assistant seamstress, . . .	5	10	16
Matilda Taylor, assistant laundress, . . .	3	2	1
Mary A. Turner, assistant laundress, . . .	—	2	14
Frank Melvin, assistant baker, . . .	—	5	19
Martin V. B. Vance, attendant, . . .	5	8	7
Samuel L. Williams, attendant, . . .	5	3	4
Herbert R. Sears, attendant, . . .	3	6	21
William Day, attendant, . . .	3	8	16
Mitchell J. Darling, attendant, . . .	2	11	8
Alpheus D. King, attendant, . . .	2	5	24
Llewellyn D. Carey, attendant, . . .	1	11	25
Frederick T. Elwell, attendant, . . .	1	7	14
Edgar F. Haskins, attendant, . . .	1	4	8
Forrest J. Buzzell, attendant, . . .	—	11	12
Fred P. Wilson, attendant (night), . . .	4	5	6
Lucius G. Wright, attendant, . . .	2	4	12
Ernest V. Carpenter, night attendant, . . .	1	10	1
William J. Moore, attendant, . . .	—	11	4
James McCallum, attendant, . . .	—	9	20
Glen E. Morse, attendant, . . .	—	4	26
Herman C. Howes, attendant, . . .	—	4	26
Adams H. Twitchell, attendant, . . .	—	4	16
Maurice P. Toohey, attendant, . . .	—	4	16
Jay E. Cook, attendant, . . .	—	4	—
William H. Holden, attendant, . . .	—	1	25
Leon C. Dickinson, attendant, . . .	—	1	10
Phil S. Howes, attendant, . . .	—	1	13
Fred S. Guilford, watchman, . . .	1	3	8
Bridget Carey, attendant, . . .	4	—	6
Mary J. Darling, attendant, . . .	3	—	20
Inez D. Clark, attendant, . . .	3	2	28
Amelia Clark, attendant, . . .	2	5	3
Mary Morris, attendant, . . .	1	9	29

28. — *Officers and Employees* — Concluded.

NAMES.	Years.	Months.	Days.
Alice Collins, attendant, . . . . .	1	2	20
Lilla Hamm, attendant, . . . . .	1	2	21
Mary Hall, attendant, . . . . .	1	1	7
Ellen Buchan, attendant, . . . . .	1	1	—
Ida M. Bragg, attendant, . . . . .	1	—	1
Laura A. Henry, attendant, . . . . .	—	9	15
Minnie Hamm, attendant, . . . . .	—	8	29
Elsie W. Hoar, attendant, . . . . .	—	5	12
Helen Murphy, attendant, . . . . .	—	1	18
Bertha Reed, attendant, . . . . .	—	—	12
Bridget Frawley, night attendant, . . . . .	3	—	21
Etta M. Haskell, night attendant, . . . . .	—	10	20
Mary M. Haskins, night attendant, . . . . .	—	9	16
Susie Warren, centre housework, . . . . .	3	6	9
Aurelia Bligh, centre housework, . . . . .	—	4	19
Lynne A. Bush, centre housework, . . . . .	—	5	14
Adelphine Richardson, cook, . . . . .	1	4	9
Nora Richardson, assistant cook, . . . . .	1	2	19
Julia Burns, assistant cook, . . . . .	1	4	11
Mary McNamara, assistant cook, . . . . .	1	—	12
Lizzie McNamara, assistant cook, . . . . .	1	—	12
Julia Sheehan, assistant cook, . . . . .	—	4	24
Nora Burns, rear housework, . . . . .	3	3	11
Herbert A. Bush, assistant engineer, . . . . .	—	4	26
E. Roy Jameson, fireman, . . . . .	—	2	20
George W. Thorniley, florist, . . . . .	4	5	12
Nicholas Reil, gardener, . . . . .	21	2	6
Sifroi Belleville, carpenter, . . . . .	27	4	—
Walter M. Tower, carpenter, . . . . .	19	8	1
Alfred Parenteau, painter, . . . . .	32	1	18
David Mercier, coachman, . . . . .	20	7	14
Benjamin Rockwell, assistant farmer, . . . . .	30	4	—
Henry M. Wilson, assistant farmer, . . . . .	18	5	8
James Madden, assistant farmer, . . . . .	22	—	29
Patrick Eagan, assistant farmer, . . . . .	5	1	8
Thomas Donahoe, assistant farmer, . . . . .	4	11	—
Xavier Dion, assistant farmer, . . . . .	4	3	17
Charles H. Egleston, assistant farmer, . . . . .	3	7	16
George Bennett, assistant farmer, . . . . .	3	5	14
Charles Ulrich, assistant farmer, . . . . .	1	5	8
John Hawley, assistant farmer, . . . . .	1	1	7
Lyman W. Searles, assistant farmer, . . . . .	—	8	15
John Bourke, car boy, . . . . .	4	4	14





