

**Thirty-ninth annual report of the Trustees of the Northampton Lunatic Hospital, for the year ending September 30, 1894.**

**Contributors**

Northampton Lunatic Hospital.  
Morgan, Elisha.  
Nims, Edward B.

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THIRTY-NINTH ANNUAL REPORT  
OF  
THE TRUSTEES  
OF THE  
NORTHAMPTON LUNATIC HOSPITAL,  
FOR THE  
YEAR ENDING SEPTEMBER 30, 1894.

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

## OF THE

### NORTHAMPTON LUNATIC HOSPITAL.

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#### TRUSTEES.

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

#### RESIDENT OFFICERS.

EDWARD B. NIMS, M.D., . . . . .	<i>Superintendent.</i>
JOHN A. HOUSTON, M.D., . . . . .	<i>Assistant Physician.</i>
CHARLES M. HOLMES, M.D., . . . . .	<i>Assistant Physician.</i>
JANE R. BAKER, M.D., . . . . .	<i>Female Physician.</i>
LEWIS F. BABBITT, . . . . .	<i>Clerk.</i>
JOHN MERCIER, . . . . .	<i>Farmer.</i>
DANFORD MORSE, . . . . .	<i>Engineer.</i>


#### TREASURER.

EDWARD B. NIMS, . . . . .	NORTHAMPTON.
Office at the Hospital.	

#### SUBORDINATE OFFICERS.

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





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# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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

The report of the trustees of this hospital for the year ending Sept. 30, 1894, is hereby presented for your consideration. It includes a summary of the changes in population, the improvements which have been made within the official year, and a brief account of the finances of the institution. The reports of the treasurer and superintendent, which follow, give the operations of the hospital more in detail. We have no unusual event to record. An average degree of success has been attained in all departments. The health of the patients has been good. The sanitary condition of the female wing of the building has been very much improved.

The number of patients in the hospital Oct. 1, 1893, was 480: of men, 238; of women, 242. The number admitted within the year was 172: of men, 89; of women, 83. Seventy-nine men and 69 women have been discharged, including 37 deaths. Five hundred and four patients remained in the hospital Sept. 30, 1894, — 248 men, 256 women. Thirty-two were discharged as recovered, 28 as improved, 14 as much improved, 36 as unimproved, and not insane, 1. The daily average in the house was 494.11. The number of cases treated was 652. The increase in the number of patients has been quite marked, notwithstanding that 25 cases were transferred to other institutions and 16 were removed out of the State, in the course of the year.

The largest number of patients in the house on any day was 512; the smallest, 477. The number of acute cases increases



each year, and with the larger number comes more care and more work. The care of patients at night is very much greater than formerly. The result is that more attendants are required. The increase in wages for the past year was \$4,926.45, mainly on this account. Fortunately, the decrease in the cost of provisions and clothing enables the institution to meet its bills so far without any special appropriations. The improvements and repairs in the hospital have been continued through the year, and have been advanced as far as practicable. The dormitory in the building known as the storehouse, mention of which was made in the last report, has been completed, and is now ready for the accommodation of 50 patients.

An excellent system of heating and ventilation has been installed.

An extra staircase was made in the end opposite the main staircase. This was required by the State inspector of buildings for protection in case of fire. The work in the female wing is also completed. This wing is now provided with three iron staircases, enclosed by brick walls that are fireproof. Fire walls divide the wing into three sections. The wing is also separated from the centre building by a fire wall. The dining and bath rooms and closets have been refitted. New ceilings, new ash doors and casings, with new floors and walls painted throughout in cheerful colors, give this part of the house the appearance of a new building. A new fire wall also separates the male wing from the centre building.

The new system of ventilation which was put in the female wing last year has been very satisfactory, giving an abundant supply and free circulation of air under the most unfavorable atmospheric conditions.

The new heating apparatus is also very efficient. The same system of heating and ventilation is nearly completed in the male wing. All the buildings except the male wing are now wired for electric lighting. The plant will be in operation in a few weeks.

Six hydraulic elevators have been placed in the wings for the use of the eighteen dining-rooms, also one in the centre building and one in the new laundry. A building 48 by 30 feet, and one story in height, has been erected on the south side of the rear wing, which will serve as an addition to the



kitchen, nearly doubling it in size. A complete set of new kitchen apparatus is being placed in this addition. This will remove the kitchen proper from under the main wing, and will be a valuable improvement.

The bakery is being furnished with a new oven. The dormitory for female help over the new laundry is now completed.

The new laundry has been equipped with a complete set of apparatus, consisting of two centrifugal wringers, four brass cylinder washing machines, a tumbler, disinfecting tank, a large double cylinder mangle, drying rooms, etc. It has been in use, for several months, with satisfactory results.

The new chapel is now in process of construction. It occupies the upper two stories of the rear wing, back of the old chapel, with an extension of twenty-five feet in the rear. The audience room will be 74 by 56 feet, with a gallery at one end. The walls have been strengthened by an outside casing of brick and piers. The roof is supported by iron trusses. A tower three stories in height has been built on each side, at the junction of the old and new chapel, in which will be placed iron staircases. These will give a safe exit from the rear of the centre building and from the chapel in case of necessity. Still farther in the rear is a hall provided with an iron staircase, surrounded by brick walls and with brick arched floors, affording a fireproof exit from the rear of the chapel, also from the dormitory for male help on one side, and the laundry and dormitory for female help on the other.

The building of the infirmary ward, which was mentioned in the last report, was postponed for want of funds. It is very much needed to complete the proper classification of patients, and it is hoped that it may be built soon.

During the year past contracts have been made by the building committee when practicable. The largest part of the work has been done by the day, as it was of such a miscellaneous character that contracts could not be made to advantage. The laborers on the day work have been hired by the hospital directly and paid by the same. Materials have been purchased in the same way, generally at low rates.

Of the appropriation of 1893, \$25,000 was expended and the appropriation of 1894, which was \$50,000.

Of the hospital surplus, \$12,502.11 has been expended.



The report of the treasurer shows —

Cash assets, Sept. 30, 1894, . . . . .	\$44,026 62
Liabilities, . . . . .	12,959 73
	<hr/>
Balance, . . . . .	\$31,066 89

The value of purchased supplies on hand Sept. 30, 1894, is \$10,993.98.

The products of the farm on hand are estimated to be worth \$9,163.00.

The following gives the amounts charged the different classes of patients : —

State patients, . . . . .	\$14,267 55
Town patients, . . . . .	56,662 80
Private patients, . . . . .	18,539 84
	<hr/>
Total, . . . . .	\$89,470 19

The official staff has not been changed the past year.

The trustees take this opportunity to express their satisfaction with the superintendent and his assistants for their faithful and efficient service in the care of the patients and the successful management of the institution.

ELISHA MORGAN.  
ALVAN BARRUS.  
SARAH A. WOODWORTH.  
SARAH M. BUTLER.  
A. C. DEANE.  
WM. D. MACINNES.  
LYMAN D. JAMES.

## LIST OF PERSONS

REGULARLY EMPLOYED AT THE NORTHAMPTON LUNATIC HOSPITAL,  
SEPT. 30, 1894.

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Superintendent and physician, . . . . .	per year, \$2,500 00
Assistant physician, first, . . . . .	" 1,500 00
Assistant physician, second, . . . . .	" 700 00
Female physician, . . . . .	" 600 00
Treasurer, . . . . .	" 300 00
Treasurer, for clerk hire and paid to clerk, . . . . .	" 200 00
Clerk, . . . . .	" 1,200 00
Farmer, . . . . .	" 700 00
Engineer, . . . . .	" 1,200 00
Assistant clerk, . . . . .	per month, 30 00
Supervisor (male), . . . . .	" 50 00
Supervisor (female), . . . . .	" 30 00
Assistant supervisor (female), . . . . .	" 25 00
Seamstress, . . . . .	" 20 00
Assistant seamstress, . . . . .	" 16 00
Laundress, . . . . .	" 18 00
Laundryman, without board, . . . . .	" 60 00
Assistant laundress, without board, . . . . .	" 22 00
Assistant laundress, . . . . .	" 16 00
Baker, . . . . .	" 45 00
Assistant baker, . . . . .	" 25 00
Steward, . . . . .	" 50 00
Assistant steward, . . . . .	" 35 00
Attendants (male, 11), . . . . .	" 30 00
Attendants (male, 4), . . . . .	" 25 00
Attendant (male), . . . . .	" 23 00
Attendants (male, 2), . . . . .	" 21 00
Night watch (male), . . . . .	" 30 00
Attendants (female, 7), . . . . .	" 20 00

Attendant (female), . . . . .	per month,	\$18 00
Attendants (female, 5), . . . . .	"	16 00
Attendant (female), . . . . .	"	15 00
Attendants (female, 4), . . . . .	"	14 00
Night watch (female, 2), . . . . .	"	20 00
Night watch (female), . . . . .	"	14 00
Housework, centre (female), . . . . .	"	17 00
Housework, centre (female, 2), . . . . .	"	16 00
Housework, rear building (female), . . . . .	"	14 00
Cooks (female, 2), . . . . .	"	20 00
Cooks (female, 3), . . . . .	"	16 00
Farmers' dining-room (female), . . . . .	"	16 00
Watchman, . . . . .	"	30 00
Carpenter, . . . . .	per day,	2 25
Carpenter, . . . . .	"	2 00
Painter, . . . . .	per month,	50 00
Night engineer and gardener in summer, . . . . .	"	30 00
Fireman, . . . . .	"	25 00
Coachman, . . . . .	"	30 00
Car boy, . . . . .	"	20 00
Florist, without board, . . . . .	"	50 00
Farm hands (2), . . . . .	"	30 00
Farm hands (3), . . . . .	"	28 00
Farm hand, . . . . .	"	26 00
Farm hands (3), . . . . .	"	25 00



## INVENTORY OF STOCK AND SUPPLIES

ON HAND SEPT. 30, 1894.

---

Live stock on farm, . . . . .	\$8,089 20
Products of farm on hand, . . . . .	9,163 00
Carriages and agricultural tools,. . . . .	3,208 00
Machinery and mechanical fixtures, . . . . .	11,595 00
Beds and bedding in inmates' department, . . . . .	12,500 00
Other furniture in inmates' department, . . . . .	7,500 00
Personal property of State in superintendent's department,* . . . . .	8,750 00
Ready-made clothing, . . . . .	2,739 14
Dry goods, . . . . .	1,088 66
Bedding, . . . . .	1,083 73
Small wares, . . . . .	352 79
Miscellaneous, . . . . .	1,920 91
Provisions and groceries, . . . . .	3,730 75
Drugs and medicines, . . . . .	550 00
Fuel, . . . . .	100 00
Library, . . . . .	1,000 00
Paints and oils, . . . . .	428 00
	<hr/>
	\$73,799 18

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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 hereby present my report, as treasurer of the hospital, for the fiscal year ending with the 30th of September, 1894. It contains, as usual, an appraisal of the property of the institution, an account of the receipts and the disbursements of money during the year, and the financial condition at its close.

### ASSETS.

Four hundred and ninety-three acres of land, .	\$53,000 00
Hospital building, . . . . .	375,000 00
Farm house, \$1,750; brick house, \$1,750, . .	3,500 00
Four dwellings, . . . . .	2,000 00
Storehouse and shops, . . . . .	20,000 00
Two barns, . . . . .	4,500 00
Horse stable, . . . . .	1,900 00
Scullery and wood-house, . . . . .	400 00
Lumber-house, . . . . .	900 00
Pump-house, . . . . .	700 00
Cart shed, . . . . .	400 00
Coal-house, . . . . .	50 00
Piggery, . . . . .	3,000 00
Fireproofs for oils and paints, . . . . .	500 00
Two ice-houses, . . . . .	400 00
	\$466,250 00

### PERSONAL ESTATE.

Stock and supplies on hand, as per inventory appended to the trustees' report, . . . . .	\$73,799 18
--	-------------

### RECEIPTS.

Cash on hand, Sept. 30, 1893, . . . . .	\$30,157 67
Received from State treasurer, . . . . .	14,267 55
from towns, . . . . .	56,662 80
from individuals, . . . . .	18,539 84
from sales, . . . . .	2,284 86
from interest, . . . . .	640 56
	\$122,553 28



## PAYMENTS.

1. Salaries, wages and labor, . . . . .	\$35,097 30	
2. Provisions and supplies:—		
Meats of all kinds, . . . . .	\$5,864 55	
Fish of all kinds, . . . . .	1,373 16	
Fruit and vegetables, . . . . .	2,526 66	
Flour, . . . . .	3,061 25	
Grain and meal for table, . . . . .	255 41	
Tea, coffee and chocolate, . . . . .	966 48	
Sugar and molasses, . . . . .	2,006 54	
Grain and meal for stock, . . . . .	3,501 91	
Butter and cheese, . . . . .	4,900 80	
Salt and other groceries, . . . . .	3,291 73	
All other provisions, . . . . .	242 96	
	<hr/>	27,991 45
3. Clothing, . . . . .		3,917 84
4. Fuel and lights, . . . . .		7,466 14
5. Medicine and medical supplies, . . . . .		1,138 11
6. Furniture, beds and bedding, . . . . .		2,977 05
7. Transportation and travelling expenses, . . . . .		1,213 60
8. Ordinary construction and repairs, . . . . .		1,444 20
9. Extraordinary construction and repairs, . . . . .		12,502 11
10. Miscellaneous expenses, including:—		
1. Farm stock, . . . . .	\$645 15	
2. Farm supplies, . . . . .	1,818 26	
3. Water, . . . . .	1,183 00	
4. Minor expenses, . . . . .	3,746 53	
5. Contingencies, . . . . .	1,028 15	
	<hr/>	8,421 09
Total expenses, . . . . .		<hr/> \$102,168 89

## LIABILITIES.

Salaries and wages due Oct. 1, 1894, . . . . .	\$4,467 15
Miscellaneous bills due, . . . . .	8,492 58
	<hr/> \$12,959 73
Due institution for board Oct. 1, 1894:—	
From State, . . . . .	\$3,572 37
towns, . . . . .	15,186 71
individuals, . . . . .	4,883 15
Due from the treasurer Sept. 30, 1894, . . . . .	20,384 39
	<hr/> \$44,026 62

## SUMMARY.

Total receipts, . . . . .	\$122,553 28
Total payments, . . . . .	102,168 89
	<hr/>
Cash on hand Sept. 30, 1894, . . . . .	\$20,384 39



Total liabilities, . . . . .	\$12,959 73
Total debts due the institution, . . . . .	44,026 62
Total expenditures, . . . . .	102,168 89

Dividing this sum by 494.11, the average number of patients,	
we have the average expenditure per patient, . . . . .	\$206 77
And the average weekly expenditure per patient, . . . . .	3 96

Deducting from the total expenditure, . . . . .	\$102,168 89
The extraordinary expenses, . . . . .	12,502 11

We have the current expenses, . . . . . \$89,666 78

Dividing \$89,666.78 by 494.11, the average number of patients,	
we have the average expenditure per patient, . . . . .	\$181 47
Making the average weekly expenditure per patient, . . . . .	3 48

Subtracting from the current expenses, . . . . .	\$89,666 78
The increase of personal assets, . . . . .	1,897 90

We have the necessary cost for the year, . . . . . \$87,768 88

Dividing \$87,768.88 by 494.11, the average number of patients,	
we have, as the annual cost of each patient, . . . . .	\$177 63
Making the average weekly cost of each patient, . . . . .	3 40

EDWARD B. NIMS,  
*Treasurer.*

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

A. C. DEANE,  
SARAH A. WOODWORTH,  
*Auditors.*

## FINANCIAL STATEMENT.

---

Of the appropriation made by the Legislature of 1893 for the purpose of enlarging the hospital and for other necessary repairs :—

Amount of appropriation, . . . . .	\$50,000 00
Drawn to Sept. 30, 1893, . . . . .	\$25,000 00
Drawn Feb. 10, 1894, . . . . .	25,000 00
	<hr/>
	\$50,000 00

Of the appropriation made by the Legislature of 1894 for the purpose of completing the improvements now in process of construction :—

Amount of appropriation, . . . . .	\$50,000 00
Drawn June 1, 1894, . . . . .	\$27,972 46
June 15, 1894, . . . . .	7,844 00
Aug. 4, 1894, . . . . .	7,162 82
Sept. 3, 1894, . . . . .	7,020 72
	<hr/>
	\$50,000 00

EDWARD B. NIMS,  
*Treasurer.*

## SUPERINTENDENT'S REPORT.

*To the Trustees of the Northampton Lunatic Hospital.*

The superintendent respectfully presents his report for the year 1893-94, and the thirty-ninth annual report of the hospital:—

### 1. — General Statistics of the Year.

	INSANE.			VOLUNTARY PATIENTS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1893, . . . . .	238	242	480	-	-	-
Admitted within the year, . . . . .	88	83	171	1	-	1
Whole number of cases within the year, . . . . .	326	325	651	1	-	1
Discharged within the year, . . . . .	78	69	147	-	-	-
Viz.: as recovered at time of leaving the hospital,	20	12	32	-	-	-
as much improved, . . . . .	7	7	14	-	-	-
as improved, . . . . .	11	17	28	-	-	-
as not improved, . . . . .	14	22	36	-	-	-
as not insane, . . . . .	-	-	-	-	-	-
Deaths, . . . . .	26	11	37	-	-	-
Patients remaining Sept. 30, 1894, . . . . .	248	256	504	-	-	-
Viz.: supported as State patients, . . . . .	44	33	77	-	-	-
supported as town patients, . . . . .	173	184	357	-	-	-
supported as private patients, . . . . .	30	39	69	1	-	1
Number of different persons within the year, . . . . .	322	321	643	1	-	1
Persons admitted, . . . . .	87	80	167	1	-	1
Persons recovered, . . . . .	20	12	32	-	-	-
Daily average number of patients, . . . . .	-	-	-	-	-	-
Viz.: State patients, . . . . .	-	-	-	-	-	-
town patients, . . . . .	-	-	-	-	-	-
private patients, . . . . .	-	-	-	-	-	-



*1. — General Statistics of the Year — Concluded.*

	NOT INSANE.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1893, . . . . .	-	-	-	238	242	480
Admitted within the year, . . . . .	-	-	-	89	83	172
Whole number of cases within the year, . . . . .	-	-	-	327	325	652
Discharged within the year, . . . . .	1	-	1	79	69	148
Viz.: as recovered at time of leaving the hospital,	-	-	-	20	12	32
as much improved, . . . . .	-	-	-	7	7	14
as improved, . . . . .	-	-	-	11	17	28
as not improved, . . . . .	-	-	-	14	22	36
as not insane, . . . . .	1	-	1	1	-	1
Deaths, . . . . .	-	-	-	26	11	37
Patients remaining Sept. 30, 1894, . . . . .	-	-	-	248	256	504
Viz.: supported as State patients, . . . . .	-	-	-	44	33	77
supported as town patients, . . . . .	-	-	-	173	184	357
supported as private patients, . . . . .	-	-	-	31	39	70
Number of different persons within the year, . . . . .	-	-	-	323	321	644
Persons admitted, . . . . .	-	-	-	88	80	168
Persons recovered, . . . . .	-	-	-	20	12	32
Daily average number of patients, . . . . .	-	-	-	248.88	245.23	494.11
Viz.: State patients, . . . . .	-	-	-	45.70	37.80	83.50
town patients, . . . . .	-	-	-	170.46	169.47	339.93
private patients, . . . . .	-	-	-	32.72	37.96	70.68

At the beginning of the year, Oct. 1, 1893, there were 480 patients in the institution: men, 238; women, 242. Within the year 172 were admitted: men, 89; women, 83. Thirty-two patients were discharged as recovered, 14 as much improved, 28 as improved, 36 as unimproved, 1 not insane and 37 died, making the total number of those who left the hospital 148: men, 79; women, 69. Five hundred and four persons were present in the house Sept. 30, 1894: 248 men, 256 women. The daily average for the year was 494.11, an increase over the previous year of 13.85. This is the largest average number for any year in the history of the institution. Five hundred and twelve persons were present on one day, the larg-



est number ever present at one time. The smallest number on any day in the year was 477. Six hundred and fifty-two cases were under treatment within the year. Of the persons who left the hospital, 70 returned to their homes, 16 were removed out of the State, 13 were removed to almshouses, 10 to the Westborough hospital and 2 to the Tewksbury almshouse. Notwithstanding these removals, there was an increase in the number present in the hospital for the year of 24 persons. One hundred and thirty-seven cases were admitted for the first time, 21 were second admissions, 6 third, 5 were fourth, 2 were fifth and 1 eighth. The number of persons admitted was 168, discharged 147; number under treatment, 644. Three men and 1 woman were discharged and readmitted, 1 man and 1 woman were admitted, discharged and readmitted, 1 woman was admitted 3 times and discharged twice.

#### STATUS OF PATIENTS.

There is a gradual change in the status of patients from year to year. The settlement laws are liberal, and the population of western Massachusetts is largely permanent in its residence. At the beginning of the year there were in the hospital 82 State patients, 325 who were supported by towns or cities and 73 by individuals, one patient having been transferred from town to private account, six from State to town and 1 from town to State at that time. Of those admitted within the year, 42 were wards of the State, 107 were charged to towns and cities and 23 to individuals at the time of admission. Of the 504 patients remaining at the end of the year, Sept. 30, 1894, 77 were supported by the State, 357 by towns and cities and 70 by individuals.

A considerable number of the towns are taking the benefit of the law which reimburses those having less than five hundred thousand dollars of taxable valuation; for the support of patients in the lunatic hospitals. The amount allowed by law for the support of patients in the hospitals in Massachusetts is less than in most of the eastern States. While the bills may often seem burdensome, the cost to the State and towns is less than could be obtained anywhere else.

The following table gives the weekly average of the different classes of patients:—



	1892-93.			1893-94.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
State patients, . . . . .	45.5	37.55	83.05	46.11	34.74	80.85
Town patients, . . . . .	170.21	164.78	334.99	170.32	169.00	339.32
Private patients, . . . . .	28.5	42.88	71.38	30.13	37.17	67.30

### RECOVERIES.

In a large proportion of the cases admitted, the disease was essentially chronic and of long duration. Of the 172 cases admitted, 96 were entered upon the records as acute. In many of them there is a record of previous attacks and strong tendency to the disease. In 60 cases only was there any reasonable probability of cure. Seventy-six of the cases could be almost surely pronounced incurable. Whether these cases were curable or not in the earlier stages of the disease, it is certain that they were incurable when admitted to the hospital. It is not remarkable that the number of recoveries is small, when we consider the conditions we have to meet and work upon. It is remarkable that so many chronic cases are admitted to the institution, and it shows clearly that there must be a large amount of mental disease outside of the hospitals, also that such patients are kept at home as long as possible, or until their own and others' safety demanded that they be removed to the hospital.

Thirty-two persons were discharged as recovered. Seven of these had previously been discharged as recovered. Twenty-five of these were of those admitted for the first time, 6 were of the second admission and 1 of the fifth. The percentage of recoveries on the number admitted was 18.02; on the whole number who left the hospital, 21.6. The percentage of the whole number discharged as recovered, much improved and improved on those admitted was 43, and on those discharged 50.

### DEATHS.

The death rate varies but little from several previous years. In nearly all the cases it was the result of some chronic disease. Thirty-seven persons died within the year. Cystitis



caused the death of 1 aged man and chronic bronchitis of 2. Exhaustion of organic dementia and exhaustion of chronic mania each caused 2 deaths. One resulted from each of exhaustion of secondary dementia and exhaustion of chronic chorea, old age, exhaustion of chronic brain disease, erysipelas and pelvic abscess; 6 persons died of general paralysis of the insane, 4 of consumption, 4 of apoplexy, and 8 deaths resulted from heart disease. In each of these cases the disease was of long standing. In 25 cases the disease existed before the admission of the patient to the hospital. Seven of the persons who died were in the hospital less than one month. Eight of these persons were over seventy years of age. The percentage of deaths on the daily average number was 7.48; on the whole number treated, 5.67.

The annexed table gives the number of deaths and the ratios from Sept. 30, 1858:—

*Deaths and their Ratios, from Sept. 30, 1858, to Oct. 1, 1894.*

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



*Deaths and their Ratios, etc. — Concluded.*

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.		
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	8.1
1892-93, .	658	480.26	20	17	37	5.62	7.7
1893-94, .	652	494.11	26	11	37	5.67	7.48

## WORSHIP AND ENTERTAINMENT.

The usual course of entertainments has been held during the year, and has been found to be of advantage to the patients as a rule. Nearly one-half of them have attended these exercises regularly, with benefit, we believe. Some are interested in the different subjects presented. Some who find it difficult to control themselves in the wards or in their rooms conduct themselves with perfect propriety there. The assemblies are generally very orderly. Some are diverted so far as to forget their troubles, others are stimulated to a better and healthier mental action. On Sunday afternoons the religious service has been continued without intermission. The average attendance at these assemblies was 292 for the year. The attendance at these exercises is voluntary.

*Exercises in Chapel.*

## 1. ON THE SABBATH:—

Divine worship, . . . . .	53 days.
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## 2. ON SECULAR EVENINGS:—

(a) *Readings and Recitations, opened and closed with Music:—*

The Bible and selections of prose, . . . . .	1 day.
The Bible and selections of poetry, . . . . .	13 days.
The Bible and selections of poetry and prose, . . . . .	34 days.
Miscellaneous selections of prose, . . . . .	79 days.
Miscellaneous selections of poetry and prose, . . . . .	15 days.

(b) *Other Entertainments:—*

Pictures shown with stereopticon, . . . . .	5 days.
Ventriloquism, . . . . .	1 day.
Sleight of hand, . . . . .	1 day.

(c) *Social Assemblies:—*

Quadrille parties, . . . . .	28 days.
No assembly, . . . . .	135 days.
	<hr/> 365 days.

## FARM.

Again a severe drought through the months of July and August has interfered somewhat with the success of the farm. The first cutting of hay was the largest but one ever harvested. The amount of apples and potatoes was large and of excellent quality. Vegetables generally yielded well. Most of the other products were lessened in quantity and inferior in quality. The aggregate value of the farm products is a little larger than in the previous year. The farm has been for many years well cared for, liberally enriched and carefully cultivated. The excellent condition of the soil undoubtedly prevented any serious injury to the crops.

Improvements are made yearly. The acreage of cultivated land is gradually extended, waste lands are reclaimed and the products increased. There is always abundant opportunity for patients to work out when their condition will allow.

The whole amount of milk produced was 37,675 gallons. The daily average was 439 quarts. One-third of this amount is reckoned in the table, the other two-thirds being allowed for



the cost of the animals and the food consumed by them. All the milk consumed in the hospital was produced on the farm.

The value of this year's product is estimated at \$17,956.65. The whole number of animals on the farm Sept. 30, 1894, was : 8 oxen, 3 bulls, 57 cows, 16 heifers, 17 calves, 11 horses, 2 colts, 138 swine and 200 poultry.

The farm contains about 493 acres, of which 215 approximately are cultivated land, 185 of pasturage, the remainder groves, swamps, etc. About 60 acres were planted. Nearly one thousand apple trees are standing on the farm.

The annexed table gives the annual product of hay : —

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

The product of pork was sufficient to supply the hospital. Fifty-four hogs were slaughtered.

The annexed table gives the annual product of pork : —

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

\* Quantity diminished by disease.



*List of Farm Products in 1894.*

Hay (first growth), 255 tons, . . .	\$4,080 00	Currants, 15½ bushels, . . .	\$46 50
Hay (after growth), 34 tons, . . .	544 00	Cauliflower, 25 heads, . . .	3 00
Corn fodder (dry), 12 tons, . . .	72 00	Swiss chard, 24½ bushels, . . .	24 50
Corn, 200 bushels, . . .	120 00	Grapes, 150 pounds, . . .	4 50
Straw, 22 tons, . . .	264 00	Quinces, 13 bushels, . . .	16 25
Potatoes, 3,231 bushels, . . .	1,642 05	Pears, 49½ bushels, . . .	49 50
Broom brush, 500 pounds, . . .	30 00	Apples, 1,344 barrels, . . .	1,628 75
Broom seed, 25 bushels, . . .	10 00	Cider, 20 barrels, . . .	30 00
Carrots, 233 bushels, . . .	92 40	Rye, 200 bushels, . . .	120 00
Sugar beets, 351 bushels, . . .	70 20	Oats, 150 bushels, . . .	60 00
Beets, 260½ bushels, . . .	104 20	Apples (cider), 600 bushels, . . .	30 00
Onions, 363½ bushels, . . .	181 75	Crab apples, 1 bushel, . . .	50
Turnips, 300 bushels, . . .	120 00	Beef, 9,398 pounds, . . .	579 12
Parsnips, 70 bushels, . . .	42 00	Veal, 1,094 pounds, . . .	109 40
Beans (in shell), 133 bushels, . . .	133 00	Pork, 21,873 pounds, . . .	1,366 50
Beans (string), 10 bushels, . . .	7 50	Pigs (roasting), 5, . . .	10 50
Sweet corn (green), in ear, 149 bushels, . . .	111 75	Pigs sold, 238, . . .	726 00
Pease (green), 160½ bushels, . . .	160 50	Chickens, 716 pounds, . . .	143 20
Tomatoes, 71 bushels, . . .	71 00	Eggs, 435 dozen, . . .	95 70
Lettuce, 81 bushels, . . .	81 00	Milk (grass-fed), 12,558 gal- lons, . . .	2,511 00
Egg plant, 104 plants, . . .	8 32	Calf skins, 15, . . .	7 50
Squash (summer), 23½ bushels, . . .	23 50	Young calves sold, 13, . . .	40 00
Squash (winter), 2,120 pounds, . . .	30 00	Wood, 43 cords, . . .	147 50
Melons, 4,504 pounds, . . .	45 04	Ensilage, 125 tons, . . .	437 50
Asparagus, 40 bushels, . . .	80 00	Posts, 100, . . .	20 00
Pie-plant, 71½ bushels, . . .	71 50	Lumber, 6,310 feet, . . .	946 50
Cucumbers, 100½ bushels, . . .	100 50	Husks (corn), 1 ton, . . .	6 00
Spinach, 33 bushels, . . .	33 00	Ice, 300 tons, . . .	300 00
Cabbage, 4,284 heads, . . .	128 52		
Celery, 1,300 plants, . . .	39 00		\$17,956 65

## FINANCES.

The sources of income of the hospital are mainly the sums received for the board of patients. The State, towns and cities pay for the support of their patients \$3.25 per week. This includes board, clothing and medical attendance. No extra charge is allowed for damages. The law (chapter 87, section 45, of the Public Statutes) provides that "No pauper shall be discharged from the State hospitals without suitable clothing, and the trustees may furnish the same at their discretion, together with such sums of money, not exceeding twenty dollars, as they may deem necessary. Such money and the cost of such clothing, the expense of pursuing such lunatics as may escape therefrom, and of burial of such as die in the hospital, shall be reimbursed to the trustees by the places of legal settlement of city or town paupers, and by the Commonwealth in the case of State paupers."



The average weekly cost per patient for the past year was \$3.48. The daily average of State and town patients for the past year was \$423.43. Private patients pay for board such prices as are agreed upon, at the admission of the patient. The daily average of private patients for the year was 70.68. The average price paid by all private patients who were in the hospital Sept. 30, 1894, was \$4.87. The clothing furnished to private patients is charged extra, as are also damages, to an amount not exceeding fifty dollars annually.

*Cash Assets on Hand Sept. 30, 1894.*

Cash on hand, . . . . .	\$20,384 39
Board of private patients, . . . . .	4,883 15
of State patients, . . . . .	3,572 37
of town patients, . . . . .	15,186 71
<hr/>	
Total, . . . . .	\$44,026 62
Liabilities, . . . . .	12,959 73
<hr/>	
Balance, . . . . .	\$31,066 89
Purchased supplies on hand estimated to have cost . . . . .	\$10,993 98
Products of farm on hand, . . . . .	9,163 00
Total working surplus, . . . . .	51,235 87

There was expended \$12,502.11 for extraordinary and necessary repairs. Of the appropriation made by the Legislature of 1893, \$25,000.00 was expended; of the appropriation made by the Legislature of 1894, \$50,000.00 was expended; a total of \$87,502.11 expended within the year in improvements and repairs. The sum of all appropriations made by the State for construction, repairs and improvements of the hospital from the passage of the act authorizing its erection to Oct. 1, 1894, is \$555,192.66.

IMPROVEMENTS.

The extensive changes which have been made in the hospital buildings within the past three years have in most respects been decided improvements.

The employees of the hospital, outside of those who are immediately in care of patients, are now provided with pleasant and comfortable quarters, the men and women being in separate new buildings.



The laundry is now in a capacious building, provided with modern apparatus, and its efficiency is much increased. The kitchen department will soon be in a well-appointed room, enlarged to double its former size.

The heating apparatus from the boilers to the radiators, with the high and low pressure system, is new, and is abundantly able to meet all the demands that are liable to be made upon it.

The interior of the female wing has been almost rebuilt. The removal of the dark passages and corners, the enlargement of windows and the new finishing combine to make the halls and rooms much more light, pleasant and cheerful. This wing is now protected from fire as far as iron staircases, fire walls between the sections, new wire-lath ceilings, the removal of several unprotected spots and the connecting of all outgoing flues in iron ducts can make it.

A very important and satisfactory improvement is the change in the system of ventilation in both the female and male wing. A largely increased amount of air is supplied to the wards. The passage of air out of the building is very much improved, through the exits near the bottom of the corridors and rooms, instead of at the top, as formerly, and through iron ducts into heated towers.

The new chapel now in process of construction will be two and a half times larger than the one now in use. It will be well ventilated, well lighted, and constructed with an arched ceiling, a gallery and a stage large enough for ordinary entertainments. The increased size will make it much more convenient and comfortable, and afford ample room for any audience which is likely to assemble there.

The new dormitory for men increases the capacity of the hospital about fifty patients.

The hospital is still in need of some important changes and improvements. The male wing needs a thorough renovating; new iron staircases and more fire walls for better protection against fire; the enlarging of windows and new bays to light up the wards; new ceilings and some new wood finish, also to be repainted throughout. The hospital needs some infirmaries where cases of severe illness and specially feeble persons can have more personal care and attention, and to which such cases can be removed from the halls, where they are among people



who are in good health. The number of acute cases is gradually increasing in the institution, as well as the number of invalids, and better accommodations for them would increase the efficiency of the hospital.

#### ACKNOWLEDGMENTS.

We acknowledge with pleasure various gifts of reading matter, such as magazines, papers, holiday gifts, etc. Special mention may be made of Mr. S. E. Bridgman, Mrs. D. D. Gorham, Miss Florence Austin, Mrs. Woodworth and Mrs. Butler. The "Christian Register," "Staaten Zeitung" and "New England Homestead" have sent their papers free. The clergymen of the city have kindly officiated at the chapel service on Sunday, and at the funerals when patients were buried in the hospital cemetery. Dr. T. W. Meekins again favored us with several stereopticon exhibitions and lectures. The weekly dances during the winter were supplied with music by Mr. Frank's orchestra.

I have only words of commendation for the officers and employees who have aided in the work of the year. Faithful and loyal service in behalf of those whom we care for, and in the trying and peculiar duties of such an institution, is always worthy of commendation.

I am grateful to your Board for their support and assistance in the management of the hospital, and for the continued confidence which they have manifested.

EDWARD B. NIMS.

## 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.

† 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, cookies and ginger snaps and a relish.

*Thursday.* — Tea, bread, butter, pie (the kind varying with the season) 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.

#### 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.

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

‡ Except two months in the spring.

*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.

*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 either turkey or chicken on one other day in the year.

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 horseradish as a condiment.

During eight months of the year, a barrel of apples is 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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\* Except two months in the spring.

† 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.



\* 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>1893.</b>												
October, .	5	5	10	4	4	8	1	1	2	238.87	240.45	479.32
November, .	10	3	13	5	7	12	—	1	1	240.56	240.63	481.2
December, .	9	5	14	1	—	1	3	1	4	246.67	238.84	485.51
<b>1894.</b>												
January, .	8	6	14	3	1	4	5	—	5	249.22	242.84	492.06
February, .	6	7	13	2	2	4	1	2	3	250.5	248.85	499.35
March, .	8	8	16	6	19	25	2	—	2	249.61	245.51	495.12
April, .	8	9	17	5	5	10	3	1	4	250.63	238.07	488.7
May, .	7	6	13	6	4	10	2	1	3	250.61	241.32	491.93
June, .	6	11	17	2	2	4	1	1	2	250.3	245.73	496.03
July, .	8	8	16	1	4	5	1	—	1	255.61	251.9	507.51
August, .	7	9	16	11	4	15	3	3	6	253.97	253.77	507.74
September, .	7	6	13	7	6	13	4	—	4	250.00	254.86	504.86
Total of cases, .	89	83	172	53	58	111	26	11	37	—	—	—
Total of persons, .	88	80	168	53	57	110	26	11	37	—	—	—
Daily average, .	—	—	—	—	—	—	—	—	—	248.88	245.23	494.11

\* For Table No. 1, see superintendent's report.

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

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	72	65	137	—	—	—
Second, . . . . .	7	14	21	4	4	8
Third, . . . . .	3	3	6	1	3	4
Fourth, . . . . .	4	1	5	4	—	4
Fifth, . . . . .	2	—	2	4	—	4
Eighth, . . . . .	1	—	1	5	—	5
Total of cases, . . .	89	83	172	18	7	25
Total of persons, . .	88	80	168	9	6	15

4. — *Relations to Hospital of Persons Admitted.*

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Never before in any hospital for insane, . .	67	61	128
Former inmates of this hospital only, . .	16	14	30
of other hospitals only, . .	5	5	10
of this and other hospitals, . .	—	—	—
Total of persons, . . . . .	88	80	168

5. — *Residence of Persons Admitted.*

PLACES.	Males.	Females.	Totals.
Hampshire County, . . . . .	13	14	27
Hampden County, . . . . .	46	39	85
Berkshire County, . . . . .	20	17	37
Franklin County, . . . . .	9	9	18
Worcester County, . . . . .	—	1	1
Totals, . . . . .	88	80	168
Cities or towns,* . . . . .	43	36	79
Country districts, . . . . .	45	44	89
Totals, . . . . .	88	80	168

\* Containing not less than 10,000 inhabitants.



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	1	2	1	1	1	1	2	2
New Hampshire, . . . . .	-	2	2	-	1	1	1	1	2
Vermont, . . . . .	2	3	5	2	1	2	-	4	1
Massachusetts, . . . . .	42	31	73	24	24	17	18	41	42
Rhode Island, . . . . .	1	-	1	2	1	-	-	2	1
Connecticut, . . . . .	4	4	8	4	3	2	4	6	7
New York, . . . . .	4	4	8	1	2	3	3	4	5
New Jersey, . . . . .	1	1	2	-	-	-	-	-	-
Pennsylvania, . . . . .	-	1	1	-	-	1	1	1	1
Maryland, . . . . .	-	1	1	-	-	-	1	-	1
District of Columbia, . . . . .	-	-	-	-	-	1	-	1	-
North Carolina, . . . . .	-	-	-	-	1	-	-	-	1
Georgia, . . . . .	-	1	1	-	-	-	-	-	-
Illinois, . . . . .	-	2	2	-	-	1	1	1	1
Wisconsin, . . . . .	-	1	1	-	-	-	-	-	-
Canada, . . . . .	5	2	7	6	6	2	2	8	8
England, . . . . .	3	2	5	3	4	4	2	7	6
Ireland, . . . . .	17	21	38	31	31	34	34	65	65
Scotland, . . . . .	-	1	1	1	-	1	1	2	1
Germany, . . . . .	4	1	5	5	5	2	3	7	8
Italy, . . . . .	1	-	1	1	1	-	-	1	1
Russia, . . . . .	1	1	2	1	1	1	1	2	2
Prussia, . . . . .	1	-	1	1	1	-	-	1	1
Poland, . . . . .	1	-	1	2	2	-	-	2	2
Unknown, . . . . .	-	-	-	3	3	7	7	10	10
Totals, . . . . .	88	80	168	88	88	80	80	168	168

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, . . . . .	38	21	59	29	27	56	5	14	19	-	3	3	72	65	137
Second, . . . . .	2	5	7	3	6	9	1	1	2	-	-	-	6	12	18
Third, . . . . .	2	-	2	1	1	2	-	1	1	-	-	-	3	2	5
Fourth, . . . . .	2	-	2	2	1	3	-	-	-	-	-	-	4	1	5
Fifth, . . . . .	1	-	1	1	-	1	-	-	-	-	-	-	2	-	2
Eighth, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
Totals, . . . . .	46	26	72	36	35	71	6	16	22	-	3	3	88	80	168

8. — *Occupation of Persons Admitted.*

## MALES.

Book-keepers, . . . . .	3	Moulder, . . . . .	1
Blacksmith, . . . . .	1	Merchants, . . . . .	2
Baker, . . . . .	1	Meat cutter, . . . . .	1
Barber, . . . . .	1	Mason, . . . . .	1
Brass moulder, . . . . .	1	Mill operatives, . . . . .	6
Baggage master, . . . . .	1	Overseer in mill, . . . . .	1
Carpenter, . . . . .	3	Paper maker, . . . . .	1
Cooper, . . . . .	1	Physicians, . . . . .	2
Clerks, . . . . .	3	Porter, . . . . .	1
Cigar makers, . . . . .	2	Peddler, . . . . .	1
Engineer, . . . . .	1	Polisher, . . . . .	1
Farmers, . . . . .	11	Painter and paper hanger, . . . . .	1
Gardener, . . . . .	1	Shoemaker, . . . . .	1
Harness stitcher, . . . . .	1	Upholsterer, . . . . .	1
Janitor, . . . . .	1	Watchman, . . . . .	1
Laborers, . . . . .	22	Whip maker, . . . . .	1
Ledgeman, . . . . .	1	None, . . . . .	6
Ladder maker, . . . . .	1		
Machinists, . . . . .	3	Totals, . . . . .	88

## FEMALES.

Domestics, . . . . .	8	Student, . . . . .	1
Dressmakers, . . . . .	3	Seamstress, . . . . .	1
Housework, . . . . .	10	Tailoress, . . . . .	1
Mill operatives, . . . . .	4	None, . . . . .	15
Nurse, . . . . .	1		

## WIFE OF

Blacksmith, . . . . .	1	Machinist, . . . . .	1
Carpenter, . . . . .	2	Mechanic, . . . . .	1
Clerk, . . . . .	2	Peddler, . . . . .	1
Cigar maker, . . . . .	2	Physician, . . . . .	1
Foundryman, . . . . .	1	Shoemaker, . . . . .	1
Farmer, . . . . .	5	Stone-cutter, . . . . .	1
Inspector of water works, . . . . .	1	Whip maker, . . . . .	1
Laborer, . . . . .	11		
Merchant, . . . . .	1	Totals, . . . . .	80
Mill operative, . . . . .	3		



## 9. — Probable Causes of Disease in Persons Admitted.

CAUSES.	PATIENTS ADMITTED.			INSANE.			HEREDITARY PREDISPOSITION.		
	INSANE.			PREVIOUS ATTACKS.					
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. — PHYSICAL: —									
Apoplexy, . . . . .	1	—	1	1	—	1	—	—	—
Congenital, . . . . .	4	—	4	2	—	2	—	—	—
Dyspepsia, . . . . .	1	—	1	—	—	—	—	—	—
Epilepsy, . . . . .	3	2	5	1	—	1	—	—	—
Heredity, . . . . .	7	9	16	3	1	4	7	9	16
Intemperance, . . . . .	28	11	39	5	3	8	3	3	6
Ill health, . . . . .	2	7	9	—	2	2	—	2	2
Influenza, . . . . .	—	1	1	—	—	—	—	—	—
Injury to head, . . . . .	2	—	2	—	—	—	—	—	—
Masturbation, . . . . .	7	1	8	—	1	1	1	—	1
Neurasthenia, . . . . .	—	3	3	—	—	—	—	1	1
Opium habit, . . . . .	1	1	2	—	—	—	—	1	1
Overwork, . . . . .	1	4	5	1	1	2	1	—	1
Old age, . . . . .	2	—	2	—	—	—	—	—	—

9. — *Probable Causes of Disease in Persons Admitted* — Concluded.

CAUSES.	PATIENTS ADMITTED.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.		
	INSANE.								
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. — PHYSICAL. — <i>Continued.</i>									
Puerperal, . . . . .	1	4	4	—	—	—	—	—	—
Shock, . . . . .	2	3	5	—	—	—	—	—	—
Senility, . . . . .	3	2	5	1	—	1	2	—	2
Tuberculosis, . . . . .	2	—	2	—	—	—	—	—	—
Typhoid fever, . . . . .	—	1	1	—	1	1	—	—	—
2. — MENTAL: —									
Business trouble, . . . . .	—	1	1	—	—	—	—	—	—
Disappointment, . . . . .	2	—	2	1	—	1	—	—	—
Grief, . . . . .	—	1	1	—	—	—	—	—	—
Religious excitement, . . . . .	1	—	1	—	—	—	—	—	—
Trouble, . . . . .	—	1	1	—	—	—	—	—	—
Worry, . . . . .	1	1	2	—	—	—	—	—	—
Unknown, . . . . .	18	27	45	7	8	15	—	—	—
Totals, . . . . .	88	80	168	22	17	39	14	16	30





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

AGES.	PERSONS FIRST ADMITTED TO ANY HOSPITAL.						PERSONS DIED.					
	AT FIRST ATTACK.			WHEN ADMITTED.			AT FIRST ATTACK.			AT TIME OF DEATH.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-
15 years and less, . . .	2	1	3	1	-	1	-	-	-	-	-	-
From 15 to 20 years, . .	2	3	5	2	2	4	-	1	1	-	-	-
20 to 25 years, . . .	10	12	22	10	12	22	-	1	1	-	-	-
25 to 30 years, . . .	5	7	12	10	9	19	-	-	-	-	-	-
30 to 35 years, . . .	8	2	10	11	6	17	4	-	4	2	1	3
35 to 40 years, . . .	2	5	7	5	4	9	1	-	1	1	-	1
40 to 50 years, . . .	9	6	15	10	9	19	3	1	4	3	1	4
50 to 60 years, . . .	4	10	14	8	11	19	4	2	6	7	2	9
60 to 70 years, . . .	4	3	7	4	6	10	5	1	6	5	5	10
70 to 80 years, . . .	2	2	4	6	2	8	3	1	4	5	1	6
Over 80 years, . . . . .	-	-	-	-	1	1	1	-	1	3	-	3
Unknown, . . . . .	19	11	30	-	-	-	5	4	9	-	1	1
Total of persons, . . .	67	62	129	67	62	129	26	11	37	26	11	37
Mean ages, . . . . .	36.27	37.58	36.94	39.83	40.19	40.	56.76	48.57	54.71	59.84	57.9	59.30

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, . . . . .	2	-	2	3	-	3	5	-	5
Under 1 month, . . . . .	17	14	31	4	3	7	21	17	38
From 1 to 3 months, . . .	10	9	19	1	3	4	11	12	23
3 to 6 months, . . . .	8	6	14	-	4	4	8	10	18
6 to 12 months, . . .	3	6	9	1	1	2	4	7	11
1 to 2 years, . . . . .	6	7	13	2	2	4	8	9	17
2 to 5 years, . . . . .	7	10	17	1	2	3	8	12	20
5 to 10 years, . . . . .	2	2	4	2	1	3	4	3	7
10 to 20 years, . . . .	1	2	3	2	1	3	3	3	6
Over 20 years, . . . . .	1	2	3	-	3	3	1	5	6
"Years," . . . . .	4	1	5	3	1	4	7	2	9
Unknown, . . . . .	6	3	9	3	-	3	9	3	12
Total of cases, . . . . .	67	62	129	22	21	43	89	83	172
Total of persons, . . . . .	67	62	129	21	18	39	88	80	168
Average in years, . . . . .	2.06	2.24	2.15	3.12	6.51	4.99	2.33	3.79	3.03



13. — Form of Mental Disease in Cases Admitted or Discharged, with Condition on Discharge.

FORM OF DISEASE.	CASES ADMITTED.			CASES DISCHARGED.												AGGREGATE.						
	Males.	Females.	Totals.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			Males.	Females.	Totals.	
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.				
A. — Insane: —																						
Epilepsy, . . . . .	3	2	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General paralysis, . . . . .	4	16	20	4	3	7	2	3	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Mania acute, . . . . .	19	7	26	—	—	—	2	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
chronic, . . . . .	10	7	17	—	—	—	2	—	2	1	—	—	—	—	—	—	—	—	—	—	—	—
recurrent, . . . . .	3	3	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
puerperal, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>apota</i> , . . . . .	2	—	2	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Melancholia, acute, . . . . .	12	22	34	6	3	9	1	2	3	2	4	6	2	5	7	1	2	3	1	1	2	3
chronic, . . . . .	1	6	7	—	—	—	—	1	1	1	1	2	1	3	4	2	1	3	4	1	1	2
senile, . . . . .	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dementia, primary, . . . . .	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
secondary, . . . . .	2	8	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
senile, . . . . .	5	2	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
organic, . . . . .	4	5	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Primary delusional insanity, . . . . .	2	4	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toxic insanity, . . . . .	15	7	22	9	2	11	2	—	2	—	—	—	3	2	5	—	—	—	—	—	—	—
Congenital mental deficiency, . . . . .	4	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Voluntary patients, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total of cases, . . . . .	89	83	172	20	12	32	7	7	14	11	17	28	14	22	36	26	11	37	69	148		
Total of persons, . . . . .	88	80	168	20	12	32	7	7	14	11	16	27	14	22	36	26	11	37	68	147		

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, . . . . .	17	8	25	6	5	11	8	12	20	14	21	35	1	-	1	20	8	28	66	54	120
Second, . . . . .	2	4	6	-	1	1	-	3	3	-	1	1	-	-	-	6	2	8	8	11	19
Third, . . . . .	-	-	-	1	1	2	2	1	3	-	-	-	-	-	-	-	1	1	3	3	6
Fourth, . . . . .	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Fifth, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Seventh, . . . . .	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
Total of cases, . . . . .	20	12	32	7	7	14	11	17	28	14	22	36	1	-	1	26	11	37	79	69	148
Total of persons, . . . . .	20	12	32	7	7	14	11	16	27	14	22	36	1	-	1	26	11	37	79	68	147



15. — *Causes of Death.*

CAUSES.	INSANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system : —						
Exhaustion of mania, acute, . . .	—	1	1	—	1	1
chronic, . . .	1	1	2	1	1	2
melancholia, chronic, and heart disease.	—	1	1	—	1	1
dementia, secondary, .	—	1	1	—	1	1
senile, . . .	2	—	2	2	—	2
organic, . . .	1	1	2	1	1	2
chronic chorea, . . .	1	—	1	1	—	1
Paresis, . . . . .	6	—	6	6	—	6
Apoplexy, . . . . .	1	3	4	1	3	4
Respiratory system : —						
Bronchitis, . . . . .	2	—	2	2	—	2
Bronchitis with heart disease, . . .	—	1	1	—	1	1
Phthisis, . . . . .	4	—	4	4	—	4
Asthma and heart disease, . . . . .	—	1	1	—	1	1
Circulatory : —						
Heart disease, . . . . .	5	—	5	5	—	5
General : —						
Cystitis, . . . . .	1	—	1	1	—	1
Erysipelas, . . . . .	1	—	1	1	—	1
Pelvic abscess, . . . . .	—	1	1	—	1	1
Old age, . . . . .	1	—	1	1	—	1
Totals, . . . . .	26	11	37	26	11	37

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.
A. — Insane: —												
Congenital, . . . . .	1	1	2	2	1	3	1	1	2	1	1	2
Under 1 month, . . . . .	7	5	12	10	6	16	6	1	7	6	3	9
From 1 to 3 months, . . . . .	4	2	6	3	4	7	4	7	11	3	5	8
3 to 6 months, . . . . .	1	3	4	2	4	6	2	1	3	2	3	5
6 to 12 months, . . . . .	1	1	2	3	2	5	2	2	4	3	1	4
1 to 2 years, . . . . .	—	—	—	3	—	3	—	1	1	1	—	1
2 to 5 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
5 to 10 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
10 to 20 years, . . . . .	6	1	7	—	—	—	6	1	7	6	—	6
Unknown, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .	20	12	32	20	12	32	20	12	32	20	12	32
Average of known cases (in months),	1.78	1.63	1.72	4.95	4.	4.59	5.35	4.54	5.	4.57	5.66	5.68



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.
A. — Insane: —												
Congenital, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Under 1 month, . . . . .	3	1	4	3	1	4	—	—	—	2	1	3
From 1 to 3 months, . . . . .	—	1	1	3	1	4	—	—	1	3	1	4
3 to 6 months, . . . . .	4	—	4	6	—	6	2	—	2	6	—	6
6 to 12 months, . . . . .	2	1	3	1	1	2	1	—	2	1	1	2
1 to 2 years, . . . . .	3	—	3	6	—	6	2	—	2	6	—	6
2 to 5 years, . . . . .	8	3	11	2	1	3	7	1	8	3	2	8
5 to 10 years, . . . . .	2	2	4	1	2	3	10	3	9	3	—	3
10 to 20 years, . . . . .	—	1	1	4	1	5	7	3	7	1	2	3
Over 20 years, . . . . .	—	—	—	—	2	2	5	1	4	4	1	5
Unknown, . . . . .	4	2	6	—	—	—	1	1	2	—	2	2
Totals, . . . . .	26	11	37	26	11	37	6	3	7	—	—	—
Average of known cases (in months),	21.	43.55	27.54	36.84	82.04	61.26	26	11	37	26	11	37
							66.27	115.22	77.7	53.53	115.33	71.47
										38.13	94.29	54.83







18. — *Annual Admissions, etc., etc.* — Concluded.

[illegible]









[illegible]

*20.—Showing the Results of First Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of persons on first admissions, . . . . .	—	—	—	2325	2220	4545
Discharged recovered, . . . . .	529	449	978	—	—	—
improved, . . . . .	619	685	1304	—	—	—
unimproved, . . . . .	445	439	884	—	—	—
not insane, . . . . .	23	13	36	—	—	—
Died, . . . . .	529	448	977	—	—	—
Remaining in the hospital Sept. 30, 1894, . . . . .	180	186	366	2325	2220	4545

*Showing the Results of Readmissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Readmitted, . . . . .	—	—	—	512	503	1015
Discharged recovered, . . . . .	126	130	256	—	—	—
improved, . . . . .	149	154	303	—	—	—
unimproved, . . . . .	83	91	174	—	—	—
not insane, . . . . .	2	2	4	—	—	—
Died, . . . . .	84	56	140	—	—	—
Remaining in the hospital Sept. 30, 1894, . . . . .	68	70	138	512	503	1015

*Showing the Results of Second Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Second admissions, . . . . .	—	—	—	360	346	706
Discharged recovered, . . . . .	90	73	163	—	—	—
improved, . . . . .	92	106	198	—	—	—
unimproved, . . . . .	63	67	130	—	—	—
not insane, . . . . .	1	2	3	—	—	—
Died, . . . . .	69	46	115	—	—	—
Remaining in the hospital Sept. 30, 1894, . . . . .	45	52	97	360	346	706

*Showing the Results of Third Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Third admissions, . . . . .	—	—	—	91	79	170
Discharged recovered, . . . . .	18	26	44	—	—	—
improved, . . . . .	32	23	55	—	—	—
unimproved, . . . . .	16	14	30	—	—	—
not insane, . . . . .	1	—	1	—	—	—
Died, . . . . .	12	7	19	—	—	—
Remaining in the hospital Sept. 30, 1894, . . . . .	12	9	21	91	79	170



*Showing the Results of Fourth Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Fourth admissions, . . .	—	—	—	27	36	63
Discharged recovered, . . .	9	8	17	—	—	—
improved, . . .	7	15	22	—	—	—
unimproved, . . .	2	4	6	—	—	—
Died, . . .	2	2	4	—	—	—
Remaining in the hospital Sept. 30, 1894, . . .	7	7	14	27	36	63

*Showing the Results of Fifth Admissions.*

Fifth admissions, . . .	—	—	—	13	14	27
Discharged recovered, . . .	5	7	12	—	—	—
improved, . . .	5	4	9	—	—	—
unimproved, . . .	—	2	2	—	—	—
Died, . . .	1	—	1	—	—	—
Remaining in the hospital Sept. 30, 1894, . . .	2	1	3	13	14	27

*Showing the Results of Sixth Admissions.*

Sixth admissions, . . .	—	—	—	7	10	17
Discharged recovered, . . .	2	5	7	—	—	—
improved, . . .	3	3	6	—	—	—
unimproved, . . .	2	2	4	7	10	17

*Showing the Results of Seventh Admissions.*

Seventh admissions, . . .	—	—	—	4	5	9
Discharged recovered, . . .	1	3	4	—	—	—
improved, . . .	3	—	3	—	—	—
unimproved, . . .	—	1	1	—	—	—
Died, . . .	—	1	1	4	5	9

*Showing the Results of Eighth Admissions.*

Eighth admissions, . . .	—	—	—	3	3	6
Discharged recovered, . . .	1	2	3	—	—	—
improved, . . .	1	—	1	—	—	—
unimproved, . . .	—	1	1	—	—	—
Remaining in the hospital Sept. 30, 1894, . . .	1	—	1	3	3	6

*Showing the Results of Ninth Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Ninth admissions, . . .	-	-	-	1	2	3
Discharged recovered, . . .	-	1	1	-	-	-
improved, . . .	1	1	2	1	2	3

*Showing the Results of Tenth Admissions.*

Tenth admissions, . . .	-	-	-	1	1	2
Discharged recovered, . . .	-	1	1	-	-	-
improved, . . .	1	-	1	1	1	2

*Showing the Results of Eleventh Admissions.*

Eleventh admissions, . . .	-	-	-	1	1	2
Discharged recovered, . . .	-	1	1	-	-	-
improved, . . .	1	-	1	1	1	2

*Showing the Results of Twelfth Admissions.*

Twelfth admissions, . . .	-	-	-	1	1	2
Discharged recovered, . . .	-	1	1	-	-	-
improved, . . .	1	-	1	1	1	2

*Showing the Results of Thirteenth Admissions.*

Thirteenth admissions, . . .	-	-	-	1	1	2
Discharged recovered, . . .	-	1	1	-	-	-
improved, . . .	1	-	1	1	1	2

*Showing the Results of Fourteenth Admissions.*

Fourteenth admissions, . . .	-	-	-	1	1	2
Discharged recovered, . . .	-	1	1	-	-	-
improved, . . .	1	-	1	1	1	2



*Showing the Results of Fifteenth Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Fifteenth admissions, . . .	-	-	-	1	1	2
Discharged improved, . . .	-	1	1	-	-	-
Remaining in the hospital Sept. 30, 1894, . . . . .	1	-	1	1	1	2

*Showing the Results of Sixteenth Admissions.*

Sixteenth admissions, . . .	-	-	-	-	1	1
Discharged improved, . . .	-	1	1	-	1	1

*Showing the Results of Seventeenth Admissions.*

Seventeenth admissions, . . .	-	-	-	-	1	1
Remaining in the hospital Sept. 30, 1894, . . . . .	-	1	1	-	1	1

## 21. — 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	18	15	33	1	1	2	4	4	8	2	2	4	1	1	2	7	12	19	228	220
1858-59,	46	47	93	19	16	35	1	1	2	12	9	21	7	5	12	1	1	2	9	18	27	313	331
1859-60,	73	94	167	18	17	35	1	1	2	14	14	28	4	7	11	1	1	2	15	15	30	398	310
1860-61,	71	53	124	19	15	34	1	1	2	27	15	42	9	5	14	1	1	2	9	10	19	442	330
1861-62,	64	48	112	12	16	28	1	1	2	16	10	26	4	3	7	1	1	2	19	7	26	470	383
1862-63,	70	68	138	30	19	49	1	1	2	19	15	34	4	6	10	1	1	2	17	30	47	475	334
1863-64,	47	45	92	17	16	33	1	1	2	14	15	29	8	5	13	1	1	2	17	24	41	408	352
1864-65,	70	64	134	16	10	26	1	1	2	12	7	19	5	2	7	1	1	2	18	13	31	488	405
1865-66,	75	61	136	24	18	42	1	1	2	15	13	28	6	7	13	1	1	2	23	24	47	543	413
1866-67,	61	77	138	21	19	40	1	1	2	22	27	49	5	7	12	1	1	2	25	18	43	505	421
1867-68,	68	84	152	31	18	49	1	1	2	23	33	56	20	38	58	1	1	2	13	12	25	590	402
1868-69,	84	85	169	23	27	50	1	1	2	15	43	58	22	34	56	1	1	2	22	11	33	604	405
1869-70,	90	112	202	16	27	43	1	1	2	23	41	64	31	30	61	1	1	2	16	12	28	616	420
1870-71,	109	102	211	25	15	40	1	1	2	33	27	60	22	27	49	1	1	2	19	18	37	619	433
1871-72,	101	98	199	19	29	48	1	1	2	37	32	69	23	29	52	1	1	2	13	8	21	614	433
1872-73,	102	79	181	25	12	37	1	1	2	24	19	43	27	18	45	1	1	2	14	11	25	626	476
1873-74,	105	88	193	16	13	29	1	1	2	21	24	45	17	21	38	1	1	2	23	18	41	629	476
1874-75,	75	78	153	19	13	32	1	1	2	18	31	49	24	23	47	1	1	2	18	19	37	629	464
1875-76,	76	77	153	15	18	33	1	1	2	8	13	21	15	17	32	1	1	2	21	21	42	603	475
1876-77,	68	71	139																				



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	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	560	463
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	147	11	17	28	9	-	9	18	15	33	21	14	35	1	1	2	17	13	30	606	469
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	165	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	493
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
Totals,	.	2,837	2,723	5,560	655	579	1,234	95	104	199	673	735	1,408	528	530	1,058	25	15	40	613	504	1,117	-	-

22. — *Classed 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



*23. — Monthly Consumption of Gas.*

MONTHS.	Cubic Feet.	Daily Average.
<b>1893.</b>		
October, . . . . .	78,900	2,545.16
November, . . . . .	77,100	2,370.00
December, . . . . .	84,800	2,735.48
<b>1894.</b>		
January, . . . . .	95,400	3,077.42
February, . . . . .	71,400	2,550.00
March, . . . . .	66,300	2,138.70
April, . . . . .	53,430	1,781.00
May, . . . . .	34,105	1,100.16
June, . . . . .	28,825	960.83
July, . . . . .	30,200	974.19
August, . . . . .	37,600	1,212.9
September, . . . . .	51,900	1,730.00
Totals, . . . . .	709,960	1,931.32

24. — Supplies for the Several Departments for the Year 1893-94.

	Sheets.	Pillow Cases.	Bed Spreads.	Blankets.	Bed Ticks.	Pillow Ticks.	Towels.	Curtains.	Wash Bowls.	Ewers.	Chamberers.	Mirrors.	Hair Brushes.	Combs.	Carpet Strips.	Plates.	Cups.	Saucers.	Tumblers.	Mugs.	Bowls.	Pitchers.	Knives.	Forks.	Vegetable Dishes.
<i>Men's Department.</i>																									
Upper 1st Hall,	6	24	4	1	1	1	24	8	1	1	3	4	1	2	1	6	18	6	6	12	1	6	1	1	1
2d Hall,	40	24	4	1	4	1	6	1	1	1	5	4	1	2	1	20	30	20	42	36	6	6	6	4	1
3d and 4th Halls,	40	28	4	6	2	1	24	1	1	1	12	1	4	5	1	6	24	6	2	2	2	1	1	1	1
Middle 1st Hall,	24	24	4	17	3	1	6	1	1	1	8	1	3	3	1	6	18	12	4	10	1	3	1	1	1
2d Hall,	48	24	4	4	6	4	6	4	1	1	32	1	3	3	9	15	42	48	10	1	3	1	1	1	1
3d and 4th Halls,	50	36	4	6	3	6	10	1	1	1	26	1	3	3	2	12	18	18	2	1	3	1	1	1	1
Lower 1st Hall,	40	40	6	4	1	1	16	1	1	1	3	1	1	5	6	9	12	18	2	1	2	1	1	1	1
2d Hall,	24	18	6	8	1	1	16	1	1	1	42	1	1	5	6	9	18	18	1	1	3	1	1	1	1
3d and 4th Halls,	12	12	8	24	12	1	1	1	1	1	18	1	3	3	1	6	36	6	1	1	3	1	1	1	1
<i>Women's Department.</i>																									
Upper 1st Hall,	20	20	14	6	3	1	48	1	2	2	6	1	1	8	1	54	36	74	60	1	18	6	1	1	1
2d Hall,	52	16	1	2	2	1	60	3	2	1	6	1	1	24	1	12	6	12	60	1	6	1	1	1	1
3d and 4th Halls,	100	48	1	3	17	1	42	18	1	1	12	1	1	16	1	12	24	12	12	1	18	5	1	1	1
Middle 1st Hall,	24	48	2	6	1	1	58	1	1	1	6	1	1	24	1	24	26	12	54	1	12	12	1	1	1
2d Hall,	54	30	12	2	1	1	60	2	2	2	24	1	2	54	1	12	48	12	24	1	60	4	1	1	1
3d and 4th Halls,	84	24	1	2	1	1	18	1	1	1	12	1	2	16	1	12	12	36	12	1	30	6	1	1	1
Lower 1st Hall,	24	24	1	6	1	1	24	2	1	1	12	1	1	34	2	12	36	12	12	1	12	6	1	1	1
2d Hall,	186	54	12	6	1	1	84	2	2	2	72	1	2	36	1	24	36	36	48	1	54	6	1	1	1
3d and 4th Halls,	66	12	2	2	1	1	66	1	1	1	60	1	2	48	1	24	48	30	102	1	102	3	1	1	1
Kitchen,	43	31	9	16	1	1	37	1	2	2	4	1	1	1	16	78	12	30	36	1	20	1	1	1	1
Rear,	43	31	9	16	1	1	37	1	2	2	4	1	1	1	16	78	12	30	36	1	20	1	1	1	1
Centre,	43	31	9	16	1	1	37	1	2	2	4	1	1	1	16	78	12	30	36	1	20	1	1	1	1
Aggregates,	937	507	79	105	48	29	594	37	15	13	363	15	18	258	39	360	490	347	399	37	378	89	35	12	23



## 24. — Supplies for the Several Departments for the Year 1893-94 — Concluded.

	Spoons.	Table Spreads.	Napkins.	Tin Plates.	Tin Cups.	Iron Spoons.	Dish Towels.	Rollers.	Wash Basins.	Brooms.	Soap, Pounds.	Sand Soap.	Whisks.	Dust Brushes.	Scrub Brushes.	Dust Pans.	Mops.	Pails.	Spittoons.	Blacking.	Shoe Brushes.	Spools Thread.	Papers Needles.	Papers Pins.	Clothes Bags.
<i>Men's Department.</i>																									
Upper 1st Hall,	.	.	.	.	.	.	.	.	.	.	46	1	5	1	4	1	2	3	4	1	5	1	4	1	1
2d Hall,	.	.	.	.	.	.	12	24	2	13	58	40	2	3	4	1	3	4	1	9	3	4	4	2	1
3d and 4th Halls,	.	.	.	.	.	.	12	12	1	20	68	10	6	2	4	1	6	4	1	7	3	4	4	1	1
Middle 1st Hall,	.	.	.	.	.	.	18	12	1	7	34	25	5	2	3	1	8	3	4	3	5	1	1	1	1
2d Hall,	.	.	.	.	.	.	12	6	1	44	92	25	5	2	3	1	8	3	4	3	5	1	1	1	1
3d and 4th Halls,	.	.	.	.	.	.	24	12	1	33	72	34	1	3	3	1	1	3	3	2	5	1	1	1	1
Lower 1st Hall,	.	.	.	.	.	.	6	6	1	12	34	1	1	2	3	1	1	5	3	1	3	1	1	1	1
2d Hall,	.	.	.	.	.	.	48	12	2	37	58	22	2	3	3	2	13	5	3	3	1	1	1	1	1
3d and 4th Halls,	.	.	.	.	.	.	12	12	1	44	84	24	3	2	3	1	12	5	3	2	3	3	1	1	1
<i>Women's Department.</i>																									
Upper 1st Hall,	.	.	.	.	.	.	6	1	1	15	90	6	1	3	1	1	4	4	1	1	1	1	7	4	5
2d Hall,	.	.	.	.	.	.	12	1	1	25	96	1	1	1	1	1	6	2	2	1	1	4	2	3	5
3d and 4th Halls,	.	.	.	.	.	.	12	1	1	10	105	1	1	1	1	1	8	2	2	1	1	36	3	5	8
Middle 1st Hall,	.	.	.	.	.	.	12	1	1	11	100	13	1	3	1	1	2	2	2	1	1	18	2	3	8
2d Hall,	.	.	.	.	.	.	6	1	2	24	101	3	1	1	1	1	12	3	3	1	1	22	7	11	11
3d and 4th Halls,	.	.	.	.	.	.	12	1	1	17	110	8	1	1	2	1	3	3	3	1	1	23	2	11	11
Lower 1st Hall,	.	.	.	.	.	.	12	1	1	13	96	2	1	4	1	1	3	1	1	1	1	32	3	7	3
2d Hall,	.	.	.	.	.	.	31	1	2	31	102	3	1	2	3	1	24	7	1	1	1	22	3	17	17
3d and 4th Halls,	.	.	.	.	.	.	27	1	2	27	121	13	1	1	1	1	9	1	1	1	1	22	6	17	17
Kitchen,	.	.	.	.	.	.	17	24	1	17	106	32	4	6	4	1	1	7	1	1	1	16	1	26	26
Rear,	.	.	.	.	.	.	105	25	1	105	161	12	14	6	4	4	8	13	1	2	1	1	1	1	1
Centre,	.	.	.	.	.	.	3	1	1	3	122	13	2	2	1	1	4	1	1	1	1	1	1	1	1
Aggregates,	.	.	.	.	.	.	282	139	12	524	1,875	297	50	44	41	11	138	72	11	47	6	192	36	125	11

*25. — Days' Work by Patients.*

MONTHS.	FARM.	KITCHEN.			SEWING-ROOM.	LAUNDRY.		
	Men.	Men.	Women.	Totals.	Women.	Men.	Women.	Totals.
<b>1893.</b>								
October, . .	611	124	185	309	242	49	388	437
November, . .	558	120	184	304	245	47	380	427
December, . .	564	124	195	319	349	43	326	369
<b>1894.</b>								
January, . . .	596	124	161	285	400	51	310	361
February, . . .	485	112	144	256	297	47	227	274
March, . . . .	523	124	145	269	370	95	271	366
April, . . . .	523	120	126	246	408	92	259	351
May, . . . . .	575	124	179	303	447	88	311	399
June, . . . . .	681	120	178	298	401	78	310	388
July, . . . . .	674	124	191	315	369	93	306	399
August, . . . .	632	124	166	290	383	93	316	409
September, . .	557	120	152	272	349	71	246	317
Totals, . . . .	6,979	1,460	2,006	3,466	4,260	847	3,650	4,497



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

Dresses, . . . . .	267	Dish towels, . . . . .	251
Basques, . . . . .	10	Sheets, . . . . .	951
Skirts, . . . . .	209	Pillow cases, . . . . .	558
Shirts, . . . . .	245	Spreads hemmed, . . . . .	64
Waists, . . . . .	21	Table cloths, . . . . .	38
Night-dresses, . . . . .	13	Napkins, . . . . .	119
Drawers, . . . . .	73	Hats trimmed, . . . . .	27
Chemises, . . . . .	213	Pillow ticks, . . . . .	23
Aprons, . . . . .	269	Mattress ticks, . . . . .	66
Caps, . . . . .	466	Clothes bags, . . . . .	20
Suspenders, . . . . .	234	Ox blankets, . . . . .	2
Camisoles, . . . . .	19	Yards carpeting made, . . . . .	457
Curtains, . . . . .	36	Carpet strips hemmed, . . . . .	64
Roller towels, . . . . .	281	Articles repaired, . . . . .	23,258

27. — *Upholstery done in the Year.*

Hair mattresses made, new materials, . . . . .	18
Hair mattresses made, new ticks, . . . . .	48
Hair mattresses made, old materials, . . . . .	61
Hair pillows made, new materials, . . . . .	25
Hair pillows made, old materials, . . . . .	176

28. — *Annual Cost of Gas.*

YEAR.	Cost of Gas.	Average Number of Patients.	Cost per Patient.
1860-61, . . . . .	\$2,030 39	314.26	\$6 46
1861-62, . . . . .	2,085 29	313.80	6 64
1862-63, . . . . .	2,109 02	355.63	5 93
1863-64, . . . . .	2,069 79	357.63	5 78
1864-65, . . . . .	1,653 05	342.40	4 82
1865-66, . . . . .	1,107 98	376.35	2 94
1866-67, . . . . .	1,056 16	401.03	2 63
1867-68, . . . . .	1,022 51	413.41	2 47
1868-69, . . . . .	903 92	405.10	2 23
1869-70, . . . . .	915 30	408.83	2 23
1870-71, . . . . .	1,043 99	421.90	2 47
1871-72, . . . . .	980 94	428.72	2 28
1872-73, . . . . .	1,006 61	437.23	2 30
1873-74, . . . . .	1,066 74	469.54	2 27
1874-75, . . . . .	1,012 63	475.35	2 13
1875-76, . . . . .	1,089 82	474.21	2 29
1876-77, . . . . .	1,033 59	476.16	2 17
1877-78, . . . . .	1,066 02	442.43	2 41
1878-79, . . . . .	1,033 05	436.73	2 37
1879-80, . . . . .	954 00	450.51	2 10
1880-81, . . . . .	949 65	451.79	2 10
1881-82, . . . . .	919 13	461.66	2 00
1882-83, . . . . .	992 10	466.76	2 10
1883-84, . . . . .	1,031 55	463.05	2 23
1884-85, . . . . .	912 49	475.94	1 92
1885-86, . . . . .	882 90	474.40	1 86
1886-87, . . . . .	854 97	478.54	1 97
1887-88, . . . . .	901 74	470.25	1 91
1888-89, . . . . .	955 51	469.10	2 04
1889-90, . . . . .	977 17	470.5	2 07
1890-91, . . . . .	1,016 50	457.	2 22
1891-92, . . . . .	1,083 19	469.09	2 31
1892-93, . . . . .	1,068 86	480.26	2 22
1893-94, . . . . .	1,123 68	494.11	2 27



29. — *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.

## 30. — Officers and Employees.

Time employed Oct. 1, 1894.

NAMES.	Years.	Months.	Days.
Edward B. Nims, M.D., superintendent, . . . . .	25	9	16
John A. Houston, M.D., assistant physician, . . . . .	5	—	7
Charles M. Holmes, M.D., assistant physician, . . . . .	5	2	21
Jane R. Baker, M.D., female physician, . . . . .	2	1	28
Lewis F. Babbitt, clerk, . . . . .	2	11	19
John Mercier, farmer, . . . . .	27	2	—
Danford Morse, engineer, . . . . .	29	6	9
Robert H. Gallivan, supervisor, . . . . .	21	5	13
Lucy A. Gilbert, supervisor, . . . . .	27	7	20
Benjamin Grant, steward, . . . . .	1	10	16
George B. Walker, baker, . . . . .	10	3	22
Bradamante Fairbanks, seamstress, . . . . .	2	8	3
Chloe L. Marks, laundress, . . . . .	2	4	—
Charles E. Marshall, laundryman, . . . . .	—	8	16
Inez M. Field, assistant clerk, . . . . .	4	9	3
Elizabeth Bycraft, assistant supervisor, . . . . .	3	—	1
Martin Sawyer, assistant steward, . . . . .	3	—	26
Mattie Jones, assistant seamstress, . . . . .	2	10	16
Matilda Taylor, assistant laundress, . . . . .	—	8	9
Hattie LaPointe, assistant laundress, . . . . .	—	3	5
Henry W. Estey, attendant, . . . . .	12	6	7
Albertus A. Powers, attendant, . . . . .	3	—	14
Martin V. B. Vance, attendant, . . . . .	2	8	7
Samuel L. Williams, attendant, . . . . .	2	3	4
Max A. Gerald, attendant, . . . . .	1	9	25
Fred P. Wilson, attendant, . . . . .	1	5	6
Arthur LeDuc, attendant, . . . . .	1	3	27
Clarke F. Wilkinson, attendant, . . . . .	1	3	23
Edward R. Cover, attendant, . . . . .	1	1	10
Delbert L. Gordon, attendant, . . . . .	1	2	17
Hugh McGee, attendant, . . . . .	—	11	23
Herbert R. Sears, attendant, . . . . .	—	11	16
Irving F. Boynton, attendant, . . . . .	—	7	16
Edward Ransom, attendant, . . . . .	—	5	21
George LaPointe, attendant, . . . . .	—	5	—
Ernest J. Hines, attendant, . . . . .	—	2	6
Joseph A. Hicks, attendant, . . . . .	—	2	—
Ernest C. Burnham, attendant, . . . . .	—	—	10
William Day, night watch, . . . . .	1	—	24
Jeanette McLean, attendant, . . . . .	11	1	3
Jennie E. O'Brien, attendant, . . . . .	2	3	29
Mary A. Dobson, attendant, . . . . .	2	1	9
Marie A. Dutcher, attendant, . . . . .	1	5	10
Helen S. Underhill, attendant, . . . . .	1	1	12
Katie Larkin, attendant, . . . . .	1	—	12
Bridget Carey, attendant, . . . . .	1	—	6
Kate Frawley, attendant, . . . . .	—	11	8
Bessie Whalen, attendant, . . . . .	—	11	25
Alice H. Dunbar, attendant, . . . . .	—	11	6
Alice A. O'Brien, attendant, . . . . .	—	7	25



31. — *Officers and Employees* — Concluded.

NAMES.	Years.	Months.	Days.
Mary Morris, attendant, . . . . .	—	4	23
Mary J. Darling, attendant, . . . . .	—	1	3
Hattie S. Potter, attendant, . . . . .	—	4	10
Inez D. Clark, attendant, . . . . .	—	3	13
Jennie S. Davis, attendant, . . . . .	—	2	5
Ina A. Brown, attendant, . . . . .	—	—	7
E. Luella Field, night watch, . . . . .	2	4	20
Delia Ryan, night watch, . . . . .	1	1	14
Bridget Frawley, night watch, . . . . .	—	—	21
Hattie Darling, centre, . . . . .	7	10	—
Ida M. Larabee, centre, . . . . .	1	5	13
Susan Warren, centre, . . . . .	—	6	25
Alice A. Hawkes, farmers' dining-room, . . . . .	6	9	27
Alice Grant, cook, . . . . .	1	10	16
Mary Mangan, cook, . . . . .	5	9	6
Annie Goodwin, cook, . . . . .	1	4	3
Bridget Mangan, cook, . . . . .	1	4	6
Cassie Fitzsimmons, cook, . . . . .	—	11	8
Nora Burns, rear, . . . . .	—	3	11
William C. Hall, assistant engineer, . . . . .	29	—	20
Nicholas Riel, night engineer, . . . . .	18	9	25
B. F. Tufts, fireman, . . . . .	—	10	3
William E. Larabee, watchman, . . . . .	2	8	15
Sifroi Belleville, carpenter, . . . . .	24	5	7
Walter Tower, carpenter, . . . . .	16	10	—
Alfred Parenteau, painter, . . . . .	29	1	18
David Mercier, coachman, . . . . .	17	7	14
Benjamin Rockwell, assistant farmer, . . . . .	27	4	—
Henry Wilson, assistant farmer, . . . . .	15	5	8
James Madden, assistant farmer, . . . . .	19	—	29
Eugene Sullivan, assistant farmer, . . . . .	19	5	—
Patrick Egan, assistant farmer, . . . . .	2	1	8
Thomas Donahoe, assistant farmer, . . . . .	1	11	—
Xavier Dion, assistant farmer, . . . . .	1	3	17
Charles H. Egleston, assistant farmer, . . . . .	—	7	16
Henry Tyler, assistant farmer, . . . . .	—	6	11
George Bennett, assistant farmer, . . . . .	—	5	14
Jerry McKenna, assistant baker, . . . . .	—	5	15
John Bourke, car boy, . . . . .	1	4	14
George W. Thorniley, florist, . . . . .	1	5	12





