

**Thirty-eighth annual report of the Trustees of the Northampton Lunatic Hospital, for the year ending September 30, 1893.**

**Contributors**

Northampton Lunatic Hospital.  
James, Lyman D.  
Nims, Edward B.

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THIRTY-EIGHTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

NORTHAMPTON LUNATIC HOSPITAL,

FOR THE

YEAR ENDING SEPTEMBER 30, 1893.

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BOSTON:  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.  
1894.



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# OFFICERS

## OF THE

### NORTHAMPTON LUNATIC HOSPITAL.

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#### TRUSTEES.

LYMAN D. JAMES, Esq., . . . . .	WILLIAMSBURG.
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.

#### 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>
BRADAMANT FAIRBANKS, . . . . .	<i>Seamstress.</i>
CHLOE L. MARKS, . . . . .	<i>Laundress.</i>
GEORGE B. WALLACE, . . . . .	<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.*

In submitting for your consideration the thirty-eighth annual report of this hospital, which has been placed in our care, we are confident that we can present a record of successful operations, in the restoration of health to patients, in the care and comfort of its inmates and in the management of its business affairs. The institution has now been open for the reception of patients thirty-five years, and has become so well known to the people of this State, that an extended statement is not necessary.

A summary of the operations of the institution since its opening shows us that 1,202 cases have been discharged as recovered, 185 as much improved and 1,380 as improved. The number of admissions has now become so large that it is necessary to remove annually more or less incurable cases to other institutions. Within the past year 42 such cases have been taken away. As it will probably be several years before the asylum for the chronic insane at Medfield will be ready for patients, it seems necessary that some increased accommodation should be provided for the increased number of cases in the mean time. The new dormitory for male patients, which is now being fitted, will accommodate fifty patients. It is also proposed to erect an infirmary building for female patients, connected with the second section of the south wing by a corridor, forty-eight feet in length, one story in height. The building will be nearly in the form of a cross, ninety feet in



length and forty-four in width, three stories in height; on either side a small wing, which will be used as dormitories. The day room is on each story at the extreme southern end, forty-four by eighteen feet. The building will accommodate about eighty patients. It will be built of brick, with brick partitions, with a veranda at the end, in the angle between one of the dormitories and the day room. Such a building will improve the classification, and give much better facilities for caring for the sick and feeble cases.

The work of repairs and improvements in the hospital has been carried on during the year as diligently as possible. The new dormitory for male help has been completed, and is now occupied. The new boiler house was put in operation on the 1st of January, and proves to be a decided improvement. New apparatus for heating the centre building and female wing has been put in, consisting of a ten-inch main steam pipe for heating the halls and rooms; a high-pressure four-inch pipe for supplying steam to the kitchen and ventilating towers, and heating water. The basement under the corridors in the female wing is divided into three sections, each of which is an air chamber. In these are stacks of radiators, which are put up in sections; each section is controlled by separate valves, to regulate the supply of heat. The air is brought into the stacks by ducts, no fans being used. The heated air is conveyed to the halls and to each room by flues in the partition walls, opening into the rooms about one and a half feet from the floor, with lock registers to control the current. Vent flues from the same rooms, opening about eight inches from the floor, pass to the attic into galvanized-iron ducts, which open into a tower for each section, in which a coil of heated pipe and damper are placed. This system has been very satisfactory in its working so far, and is a decided improvement. In each of the halls and dormitories radiators are placed. Fire-proof staircases have been put in the female wing. Fire walls are also being put in, separating each section from the other. In the basement of each section heaters and bath boilers are placed for heating water. The heat from these is utilized in ventilating the bath-rooms and water-closets in the three stories directly over them.

The addition to the female wing is now completed and occupied. This, together with the third and fourth sections, have



been refitted with new floors and new finishing, and are also occupied. The second section is undergoing the same improvement. The new laundry building is nearly finished, and is being fitted up with new apparatus. Several halls in the male wing have been refitted with new finishings. The progress of the repairs and improvements in the wing is necessarily slow, on account of the crowded condition of the hospital.

The farm improvements have also been continued as far as convenient.

The number of patients in the hospital Sept. 30, 1892, was 489: of men, 242; of women, 247. One hundred and sixty-nine patients have been admitted within the year: men, 91; women, 78. Ninety-five men and 83 women have been discharged, including 37 deaths. The number remaining Sept. 30, 1893, is 480: of men, 238; of women, 242. The daily average for the year was 480.26.

The general health of the patients has been good. The amount of acute disease has been small.

The death rate is a little larger than usual, and is owing to the large number of feeble cases admitted, who were suffering from chronic diseases, and also an unusually large number of aged persons.

The medical work increases each year, as the movement of population of the hospital increases, and it is evident that a larger medical staff will soon be necessary. The clerical work of the hospital has largely increased in late years, especially since the extensive repairs and improvements have been going on, and has made it necessary to employ a supervisor of the work. Mr. F. M. Morton is now employed in that capacity.

The financial affairs of the hospital have been conducted with care and economy. The balance of the appropriation made by the Legislature of 1892, amounting to \$36,672.22, has been expended. Of the appropriation of 1893, which was \$50,000, \$25,000 has been expended.

The report of the treasurer shows —

Cash assets Sept. 30, 1893,	.	.	.	.	.	\$52,801 25
Liabilities,	.	.	.	.	.	7,536 59
						<hr/>
Balance,	.	.	.	.	.	\$45,264 66



The purchased supplies on hand Sept. 30, 1893, have cost \$10,365.08. Farm products on hand are valued at \$6,921.70.

The amount charged for board of patients in the several classes is as follows:—

State patients, . . . . .	\$13,697 66
Town patients, . . . . .	55,970 15
Private patients, . . . . .	17,698 83

No change has occurred in the official staff.

Mindful not only of the regular, but of the increasing, duties of the superintendent and those associated with him, the trustees hereby tender their appreciation of these efforts in advancing the interests of the institution.

LYMAN D. JAMES.

E. MORGAN.

ALVAN BARRUS.

SARAH A. WOODWORTH.

ADAMS C. DEANE.

WILLIAM D. MACINNES.

## LIST OF PERSONS

REGULARLY EMPLOYED AT THE NORTHAMPTON LUNATIC HOSPITAL,  
SEPT. 30, 1893.

---

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), . . . . .	" 40 00
Supervisor (female), . . . . .	" 30 00
Assistant supervisor (female), . . . . .	" 25 00
Seamstress, . . . . .	" 20 00
Assistant seamstress, . . . . .	" 15 00
Laundress, . . . . .	" 18 00
Assistant laundresses (2), . . . . .	" 18 00
Assistant laundresses (2), . . . . .	" 16 00
Baker, . . . . .	" 45 00
Assistant baker, . . . . .	" 25 00
Steward, . . . . .	" 50 00
Assistant steward, . . . . .	" 35 00
Attendants (male, 4), . . . . .	" 30 00
Attendants (male, 2), . . . . .	" 25 00
Attendants (male, 4), . . . . .	" 23 00
Attendants (male, 7), . . . . .	" 21 00
Attendants (female, 4), . . . . .	" 20 00
Attendant (female, 1), . . . . .	" 18 00
Attendant (female, 1), . . . . .	" 17 00
Attendants (female, 2), . . . . .	" 16 00
Attendants (female, 2), . . . . .	" 15 00
Attendants (female, 5), . . . . .	" 14 00
Night watch (female), . . . . .	" 20 00
Housework, centre (female), . . . . .	" 17 00
Housework, centre (female, 2), . . . . .	" 16 00

Housework, rear building (female), . . . . .	per month,	\$15 00
Cook (female), . . . . .	"	20 00
Cook (female), . . . . .	"	18 00
Cooks (female, 2), . . . . .	"	16 00
Cook (female), . . . . .	"	15 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
Coachman, . . . . .	"	30 00
Car boy, . . . . .	"	18 00
Florist, without board, . . . . .	"	50 00
Farm hands (2), . . . . .	"	30 00
Farm hands (3), . . . . .	"	28 00
Farm hands (2), . . . . .	"	22 00
Farm hand, . . . . .	"	23 00



## INVENTORY OF STOCK AND SUPPLIES

ON HAND SEPT. 30, 1893.

---

Live stock on farm, . . . . .	\$8,905 50
Products of farm on hand, . . . . .	6,921 70
Carriages and agricultural tools, . . . . .	3,139 00
Machinery and mechanical fixtures, . . . . .	11,585 00
Beds and bedding in inmates' department, . . . . .	12,000 00
Other furniture in inmates' department, . . . . .	7,000 00
Personal property of State in superintendent's department,*	8,650 00
Ready-made clothing, . . . . .	1,609 87
Dry goods, . . . . .	5,508 48
Provisions and groceries, . . . . .	3,246 73
Drugs and medicines, . . . . .	550 00
Fuel, . . . . .	400 00
Library, . . . . .	1,000 00
Paints and oils, . . . . .	385 00
	<hr/>
	\$70,901 28

\* 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, 1893. 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, . . . . .	320,000 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, . . . . .	5,000 00	
Horse stable, . . . . .	1,900 00	
Scullery and wood-house, . . . . .	500 00	
Lumber-house, . . . . .	900 00	
Pump-house, . . . . .	700 00	
Cart shed, . . . . .	450 00	
Coal-house, . . . . .	50 00	
Piggery, . . . . .	3,000 00	
Fire-proofs for oils and paints, . . . . .	500 00	
Two ice-houses, . . . . .	450 00	
	<hr/>	\$411,950 00

## PERSONAL ESTATE.

Stock and supplies on hand, as per inventory appended to the trustees' report, . . . .	\$70,901 28
---	-------------

## RECEIPTS.

Cash on hand Sept. 30, 1892, . . . . .	\$24,267 60	
Received from State treasurer, . . . . .	13,697 66	
from towns, . . . . .	55,970 15	
from individuals, . . . . .	17,698 83	
from sales, . . . . .	2,740 42	
from interest, . . . . .	715 26	
	<hr/>	\$115,089 92

## PAYMENTS.

1. Salaries, wages and labor, . . . . .		\$31,170 85
2. Provisions and supplies:—		
Meats of all kinds, . . . . .	\$4,721 23	
Fish of all kinds, . . . . .	1,521 42	
Fruit and vegetables, . . . . .	1,235 21	
Flour, . . . . .	2,490 00	
Grain and meal for table, . . . . .	289 61	
Tea, coffee and chocolate, . . . . .	1,050 72	
Grain and meal for stock, . . . . .	3,125 36	
Sugar and molasses, . . . . .	1,893 95	
Butter and cheese, . . . . .	4,127 60	
Salt and other groceries, . . . . .	1,564 24	
All other provisions, . . . . .	2,302 59	
	<hr/>	24,321 93
3. Clothing, . . . . .		4,352 34
4. Fuel and lights, . . . . .		6,843 92
5. Medicine and medical supplies, . . . . .		1,143 92
6. Furniture, beds and bedding, . . . . .		1,620 09
7. Transportation and travelling expenses, . . . . .		840 70
8. Ordinary construction and repairs, . . . . .		1,546 93
9. Extraordinary construction and repairs, . . . . .		5,522 24
10. Miscellaneous expenses, including:—		
1. Farm stock, . . . . .	\$110 00	
2. Farm supplies, . . . . .	1,768 58	
3. Water, . . . . .	1,311 55	
4. Minor expenses, . . . . .	1,849 15	
5. Contingencies, . . . . .	2,530 05	
	<hr/>	7,569 33
Total expenses, . . . . .		<hr/> \$84,932 25

## LIABILITIES.

Salaries and wages due Oct. 1, 1893, . . . . .	\$4,266 59
Miscellaneous bills due, . . . . .	3,270 00
	<hr/> \$7,536 59
Due the institution for board Oct. 1, 1893:—	
From State, . . . . .	\$3,572 72
towns, . . . . .	14,345 40
individuals, . . . . .	4,725 46
Due from the treasurer Sept. 30, 1893, . . . . .	30,157 67
	<hr/> \$52,801 25

## SUMMARY.

Total receipts, . . . . .	\$115,089 92
Total payments, . . . . .	84,932 25
	<hr/>
Cash on hand Sept. 30, 1893, . . . . .	\$30,157 67



Total liabilities, . . . . .	\$7,536 59
Total debts due the institution, . . . . .	52,801 25
Total expenditures, . . . . .	84,932 25

Dividing this sum by 480.26, the average number of patients,  
we have the average expenditure per patient, . . . \$176 84  
And the average weekly expenditure per patient, . . . 3 39

Deducting from the total expenditure, . . . . .	\$84,932 25
The extraordinary expenses, . . . . .	5,522 24

We have the current expenses, . . . . . \$79,410 01

Dividing \$79,410.01 by 480.26, the average number of patients,  
we have the average expenditure per patient, . . . \$165 34  
Making the average weekly expenditure per patient, . . . 3 17

Subtracting from the current expenses, . . . . .	\$79,410 01
The increase of personal assets, . . . . .	160 17

We have the necessary cost for the year, . . . . . \$79,249 84

Dividing \$79,249.84 by 480.26, the average number of patients,  
we have, as the annual cost of each patient, . . . \$165 01  
Making the average weekly cost of each patient, . . . 3 16

EDWARD B. NIMS,  
*Treasurer.*

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

E. MORGAN,  
ALVAN BARRUS,  
*Auditors.*

## FINANCIAL STATEMENT.

---

Of the appropriation made by the Legislature of 1892 for the purpose of enlarging the hospital and for other necessary repairs : —

Amount of appropriation,	.	.	.	.	.	.	\$50,000 00
Drawn to Sept. 30, 1892,	.	.	.	.	.	\$13,321 78	
Drawn Nov. 26, 1892,	.	.	.	.	.	4,178 79	
Dec. 23, 1892,	.	.	.	.	.	8,703 43	
Jan. 20, 1893,	.	.	.	.	.	8,394 06	
Feb. 25, 1893,	.	.	.	.	.	6,674 09	
Mar. 20, 1893,	.	.	.	.	.	5,199 11	
Apr. 22, 1893,	.	.	.	.	.	3,528 74	
						<hr/>	\$50,000 00

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 July 6, 1893,	.	.	.	.	.	\$10,759 35	
July 22, 1893,	.	.	.	.	.	5,605 09	
Sept. 15, 1893,	.	.	.	.	.	5,580 30	
Sept. 30, 1893,	.	.	.	.	.	3,055 26	
						<hr/>	\$25,000 00

EDWARD B. NIMS,  
*Treasurer.*

## SUPERINTENDENT'S REPORT.

*To the Trustees of the Northampton Lunatic Hospital.*

The report for the year 1892-93 is hereby respectfully submitted for your information : —

*1. — General Statistics of the Year.*

	INSANE.			HABITUAL DRUNKARDS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1892, . . . . .	239	247	486	3	-	3
Admitted within the year, . . . . .	91	78	169	-	-	-
Whole number of cases within the year, . . . . .	330	325	655	3	-	3
Discharged within the year, . . . . .	92	83	175	3	-	3
Viz.: as recovered at time of leaving the hospital,	20	11	31	-	-	-
as much improved, . . . . .	11	15	26	-	-	-
as improved, . . . . .	19	18	37	-	-	-
as not improved, . . . . .	21	22	43	-	-	-
as not insane, . . . . .	-	-	-	3	-	3
Deaths, . . . . .	20	17	37	-	-	-
Patients remaining Sept. 30, 1893, . . . . .	238	242	480	-	-	-
Viz.: supported as State patients, . . . . .	43	44	87	-	-	-
supported as town patients, . . . . .	165	156	321	-	-	-
supported as private patients, . . . . .	30	42	72	-	-	-
Number of different persons within the year, . . . . .	326	320	646	3	-	3
Persons admitted, . . . . .	89	77	166	-	-	-
Persons recovered, . . . . .	20	11	31	-	-	-
Daily average number of patients, . . . . .	240.95	238.90	479.85	.41	-	.41
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, 1892, . . . . .	-	-	-	242	247	489
Admitted within the year, . . . . .	-	-	-	91	78	169
• Whole number of cases within the year, . . . . .	-	-	-	333	325	658
Discharged within the year, . . . . .	-	-	-	95	83	178
Viz.: as recovered at time of leaving the hospital,	-	-	-	20	11	31
as much improved, . . . . .	-	-	-	11	15	26
as improved, . . . . .	-	-	-	19	18	37
as not improved, . . . . .	-	-	-	21	22	43
as not insane, . . . . .	1	-	1	4	-	4
Deaths, . . . . .	-	-	-	20	17	37
Patients remaining Sept. 30, 1893, . . . . .	-	-	-	238	242	480
Viz.: supported as State patients, . . . . .	-	-	-	43	44	87
supported as town patients, . . . . .	-	-	-	165	156	321
supported as private patients, . . . . .	-	-	-	30	42	72
Number of different persons within the year, . . . . .	-	-	-	329	320	649
Persons admitted, . . . . .	-	-	-	89	77	166
Persons recovered, . . . . .	-	-	-	20	11	31
Daily average number of patients, . . . . .	-	-	-	241.36	238.90	480.26
Viz.: State patients, . . . . .	-	-	-	41.88	33.95	75.83
town patients, . . . . .	-	-	-	171.16	167.56	338.72
private patients, . . . . .	-	-	-	28.07	37.64	65.71

The number of patients in the hospital Oct. 1, 1892, was 489: men, 242; women, 247. The number of admissions for the year was 169: men, 91; women, 78; which is less by 8 than in the preceding year. The number discharged was 178: men, 95; women, 83; including 37 deaths. The number remaining Sept. 30, 1893, is 480: men, 238; women, 242. The daily average for the year was 480.26. The largest number present on any one day was 495; the smallest, 468. The whole number of cases under treatment was 658: men, 333; women, 325. Of those discharged, 80 returned to their homes, 16 were removed out of the State, 20 were removed to the State almshouse at Tewksbury and 22 to town or city alms-



houses. The number of first admissions was 129 ; second, 26 ; third, 10 ; fourth, 4. One man and 3 women were discharged and readmitted ; 1 man and 1 woman were discharged, readmitted and again discharged ; 1 man and 1 woman were admitted, discharged and readmitted ; 1 man was admitted twice and discharged twice ; making the number of persons admitted within the year 166, the number discharged 175 ; whole number of persons under treatment 649 : men, 329 ; women, 320.

#### STATUS OF PATIENTS.

At the beginning of the year, Oct. 1, 1892, of the 489 patients in the hospital, 84 were supported by the State, 332 by towns and cities and 73 by individuals, one person having been transferred at that time from State to town account. The number of patients charged to State account at the time of admission was 49, to towns and cities, 93, supported by individuals 24. At the end of the year, Sept. 30, 1893, 87 patients were supported by the State, 321 by towns and cities and 72 by individuals.

The figures given above indicate the classification as it stands on the hospital records, and the parties who are legally responsible for the board of patients, and to whom the bills are made out and sent. These figures are not strictly correct, for the reason that in some cases the State and towns or cities are indemnified by individuals for the board of patients. As provided in chapter 243, Acts of 1892, towns having a taxable valuation of less than five hundred thousand dollars may be reimbursed from the State treasury for the support of patients in the lunatic hospitals. The burden of supporting patients in the hospitals is of necessity unequally distributed among the towns and cities, as the number of patients is not in proportion to the ability of towns to pay the bills. If the support of all patients in the hospital were assumed by the State, the grounds for complaint would seem to be removed.

The weekly average of the different classes for two years past is given in the following table : —



	1891-92.			1892-93.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
State patients, . . . . .	43.04	42.48	85.52	45.5	37.55	83.05
Town patients, . . . . .	152.65	157.09	309.74	170.21	164.78	334.99
Private patients, . . . . .	32.52	40.75	73.27	28.5	42.88	71.38

### RECOVERIES.

Thirty-one persons were discharged as recovered. In addition, a large number were discharged as sufficiently improved to be cared for elsewhere. Five persons were discharged as recovered who had previously recovered in this hospital. Twenty-four of those recovered were admitted for the first time; 5 were second admissions; 1, third; and 1, fourth. The percentage of recoveries on the number admitted within the year was 18.3, on the number discharged was 17.4. The percentage of the whole number of these discharged as recovered, much improved and improved on the number of admissions was 55.6, on the whole number discharged was 53.3. Of the 169 admissions within the year, but 54 had any reasonable probability of recovery. In 75 of the cases admitted the disease was entered upon the hospital records as acute in character, and in many of these the duration and history were strongly suggestive of a chronic character. The remaining 94 cases were undoubtedly chronic and incurable.

### DEATHS.

The number of deaths within the year was 37. Of these, 2 were supported by the State, 25 by towns and cities and 10 by individuals.

As is usually the case in all hospitals, diseases of a chronic character are the main cause of deaths, such as consumption, organic diseases of the brain, and the exhaustion which results from long-continued mental disorder. In only 3 cases was the disease of a character which could be called acute in any sense of the word. Pneumonia was the cause in a woman who was much enfeebled by many severe attacks of epilepsy; 1 occurred from dysentery, in a woman who had been an invalid for years; 1 man died of pyæmia; three persons died of consumption; 3



of paralysis. In 16 cases organic brain disease, or exhaustion incident upon chronic brain disorder, was the cause. Four persons died of epilepsy, 2 of Bright's disease, and 3 apparently of old age. Three persons took their own lives, 2 by hanging and 1 by drowning, while out walking with his attendant. Of the deaths, 5 were of persons over eighty years of age, 12 of persons over seventy and 21 of persons over sixty.

The percentage of deaths on the daily average number was 7.7, on the whole number under treatment 5.62.

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

*Deaths and their Ratios, from Sept. 30, 1858, to Oct. 1, 1893.*

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

*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.		
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

## WORSHIP AND ENTERTAINMENT.

The exercises at the evening assemblies have been continued through the year with the usual frequency.

Religious services were held on Sunday afternoons; the average attendance at these services was 294 persons. At the evening assemblies on week days the average number of persons present was about 250. The attendance at these exercises is not compulsory.

*Exercises in Chapel.*

## 1. ON THE SABBATH:—

Divine worship, . . . . . 52 days.

## 2. ON SECULAR EVENINGS:—

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

The Bible and selections of prose, . . . . . 3 days.

The Bible and selections of poetry, . . . . . 21 days.

The Bible and selections of poetry and prose, . . . . . 25 days.

Miscellaneous selections of prose, . . . . . 64 days.

Miscellaneous selections of poetry, . . . . . 2 days.

Miscellaneous selections of poetry and prose, . . . . . 32 days.

Recitations, . . . . . 1 day.



(b) *Other Entertainments:—*

Pictures shown with stereopticon, . . . . .	7 days.
Ventriloquism, . . . . .	1 day.
Chalk talk, . . . . .	1 day.
Sleight of hand, . . . . .	1 day.
Lecture, . . . . .	1 day.

(c) *Social Assemblies:—*

Quadrille parties, . . . . .	26 days.
No assembly, . . . . .	128 days.
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	365 days.

## FARM.

The products of the farm were considerably lessened by the severe drought, which lasted from the first of June until the middle of August. The hay and vegetable crop are largely diminished. Apples were almost a failure. The excellent condition of the farm alone prevented a serious loss. The whole amount of milk produced was 41,358 gallons, a daily average of 453 quarts. Thorough tilling of the soil, a liberal use of fertilizers and clearing of land of boulders and bushes, is rapidly improving the farm. The total number of acres is now 495. The estimated value of this year's crops is \$17,740.76.

The animals on the farm Sept. 30, 1893, were: 6 oxen, 4 bulls, 61 cows, 18 heifers, 12 calves (not including those intended for slaughtering), 11 horses, 2 colts, 204 swine, 240 poultry.

The following table gives the annual product of hay:—

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



The pork which is used in the hospital is all raised on the premises, and a portion is usually sold.

The past year 55 hogs were slaughtered.

The table gives the annual product of pork:—

*Pork raised upon the Farm.*

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 "		

*List of Farm Products in 1893.*

Hay (first growth), 227 $\frac{1}{4}$ tons, . . . . .	\$3,636 00
Hay (after growth), 35 $\frac{1}{4}$ tons, . . . . .	564 00
Corn fodder (dry), 20 tons, . . . . .	120 00
Corn, 200 bushels, . . . . .	100 00
Straw, 4 $\frac{1}{2}$ tons, . . . . .	58 00
Potatoes, 2,218 bushels, . . . . .	1,330 00
Broom seed, 40 bushels, . . . . .	16 00
Broom brush, 500 pounds, . . . . .	30 00
Carrots, 271 $\frac{1}{2}$ bushels, . . . . .	109 05
Sugar beets, 670 bushels, . . . . .	268 00
Beets, 151 $\frac{1}{2}$ bushels, . . . . .	88 62
Onions, 341 $\frac{1}{2}$ bushels, . . . . .	204 90
Turnips, 342 $\frac{1}{2}$ bushels, . . . . .	137 75
Parsnips, 60 bushels, . . . . .	36 00
Beans (in shell), 119 bushels, . . . . .	119 00
Beans (string), 12 $\frac{1}{2}$ bushels, . . . . .	9 75
Pease (green), 117 $\frac{1}{2}$ bushels, . . . . .	117 50
Sweet corn (green), in ear, 207 bushels, . . . . .	197 00
Tomatoes, 66 bushels, . . . . .	66 00
Lettuce, 72 $\frac{1}{2}$ bushels, . . . . .	72 50
Cucumbers, 124 bushels, . . . . .	124 00
Squash (summer), 77 $\frac{1}{2}$ bushels, . . . . .	77 50

\* Quantity diminished by disease.

Squash (winter), 12,800 pounds, . . . . .	\$192 00
Melons, 3,750 pounds, . . . . .	37 50
Muskmelon, 465 pounds, . . . . .	4 65
Asparagus, 42 bushels, . . . . .	84 00
Pie-plant, 61 bushels, . . . . .	61 00
Spinach, 20 bushels, . . . . .	20 00
Cabbage, 4,712 heads, . . . . .	188 48
Currants, 27½ bushels, . . . . .	79 50
Apples, 124 barrels, . . . . .	226 00
Pears, 35 bushels, . . . . .	35 00
Quinces, 11 bushels, . . . . .	13 75
Beef, 21,758 pounds, . . . . .	1,400 50
Veal, 2,757 pounds, . . . . .	290 97
Pork, 23,505 pounds, . . . . .	2,050 84
Pigs sold, 241, . . . . .	880 00
Chickens, 655 pounds, . . . . .	131 00
Eggs, 409½ dozen, . . . . .	119 15
Milk (grass-fed), 13,786 gallons, . . . . .	3,304 40
Cider, 11 barrels, . . . . .	27 50
Calf skins, 29, . . . . .	14 50
Young calves sold, 16, . . . . .	53 50
Wood, 23 cords, . . . . .	69 00
Ensilage, 125 tons, . . . . .	437 50
Celery, 432 heads, . . . . .	58 50
Posts, 35, . . . . .	8 75
Lumber, 800 feet, . . . . .	12 00
Hus corn), 1 to . . . . .	12 00
Ice, 300 tons, . . . . .	300 00
Rye, 40 bushels, . . . . .	22 00
Oats, 30 bushels, . . . . .	10 50
Grapes, 225 pounds, . . . . .	9 20
Cauliflower, 60 heads, . . . . .	7 50
Swiss chard, 96½ bushels, . . . . .	96 50
Crab apples, 1½ bushels, . . . . .	1 50

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\$17,740 76

#### FINANCES.

The sources of the 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 \$3.39. The daily average of State and town patients for the past year was 414.55. 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 65.71. The average price paid by all private patients who were in the hospital Sept. 30, 1893, was \$4.98.

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, 1893.*

Cash on hand, . . . . .	\$30,157 67
Board of private patients, . . . . .	4,725 46
of State patients, . . . . .	3,572 72
of town patients, . . . . .	14,345 40
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Total, . . . . .	\$52,801 25
Liabilities, . . . . .	7,536 59
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Balance, . . . . .	\$45,264 66
Purchased supplies on hand estimated to have cost, . . . . .	\$10,365 08
Products of farm on hand, . . . . .	6,921 70
Total working surplus, . . . . .	62,551 44

There was expended \$7,069.17 for extraordinary and necessary repairs. Of the appropriation made by the Legislature of 1892, \$36,672.22 was expended; of the appropriation made by the Legislature of 1893, \$25,000 was expended; a total of \$68,741.39 expended within the year in improvements and repairs. The sum of all appropriations made by the State for the construction, repairs and improvements of the hospital from the passage of the act authorizing its erection to Oct. 1, 1893, is \$480,142.62.



## ACKNOWLEDGMENTS.

Numerous gifts of magazines, papers and other reading matter, presents for Christmas, etc., have been received within the year. Of the contributors we may mention Miss Florence Austin, Mrs. D. D. Gorham, Mr. S. E. Bridgman, Mr. C. D. Warner, Mrs. Woodworth and Mrs. Butler. The "N. E. Staaten Zeitung" has continued to send two copies of that paper and the "Christian Register" one copy during the year. The various clergymen of the city have always been ready to conduct the services in the chapel on Sunday and at the funerals of those who were buried in the hospital cemetery. Music was furnished by Mr. Frank's orchestra for the weekly dances. The stereopticon exhibitions were given by Dr. T. W. Meekins, who has favored the hospital for many years.

The officers who were connected with the hospital at the last report remain with us. The added experience and faithful work of the staff has contributed largely to the success of the institution for the year.

With a hearty recognition of the full appreciation and ready counsel and generous support of your Board, this report is respectfully submitted.

EDWARD B. NIMS,

*Superintendent.*

## 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.

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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.

† 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>1892.</b>												
October, .	4	6	10	11	9	20	5	2	7	236.32	242.87	479.19
November, .	12	5	17	5	3	8	1	1	2	232.2	242.36	474.56
December, .	5	10	15	2	4	6	3	1	4	236.55	247.	483.55
<b>1893.</b>												
January, .	11	3	14	3	20	23	3	1	4	239.29	242.03	481.32
February, .	8	3	11	6	1	7	3	3	6	241.64	228.78	470.42
March, .	7	6	13	5	6	11	1	-	1	241.32	229.42	470.74
April, .	10	8	18	7	4	11	-	-	-	242.566	231.266	473.83
May, .	12	8	20	8	-	8	1	2	3	244.13	236.71	480.84
June, .	8	10	18	6	4	10	1	3	4	247.33	239.6	486.93
July, .	3	4	7	3	4	7	1	-	1	248.45	242.74	491.19
August, .	4	7	11	7	2	9	-	3	3	244.32	241.29	485.61
September, .	7	8	15	12	9	21	1	1	2	242.23	242.8	485.03
Total of cases, .	91	78	169	75	66	141	20	17	37	-	-	-
Total of persons, .	89	77	166	73	65	138	20	17	37	-	-	-
Daily average, .	-	-	-	-	-	-	-	-	-	241.36	238.90	480.26

\* 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, . . . . .	75	54	129	—	—	—
Second, . . . . .	11	15	26	4	5	9
Third, . . . . .	4	6	10	6	4	10
Fourth, . . . . .	1	3	4	3	4	7
Total of cases, . . . . .	91	78	169	13	13	26
Total of persons, . . . . .	89	77	166	8	10	18

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

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Never before in any hospital for insane, . . . . .	74	51	125
Former inmates of this hospital only, . . . . .	14	19	33
of other hospitals only, . . . . .	1	3	4
of this and other hospitals, . . . . .	—	4	4
Total of persons, . . . . .	89	77	166

5. — *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	—	—	—	1	—	1
Vermont, . . . . .	5	1	6	3	1	1	2	4	3
New Hampshire, . . . . .	—	—	—	—	—	2	1	2	1
Massachusetts, . . . . .	35	32	67	19	22	19	17	38	39
Connecticut, . . . . .	3	2	5	3	3	1	1	4	4
Rhode Island, . . . . .	1	1	2	—	1	—	—	—	1
New York, . . . . .	11	6	17	7	8	2	4	9	12
New Jersey, . . . . .	—	1	1	1	—	—	—	1	—
Iowa, . . . . .	1	—	1	—	—	—	—	—	—
Tennessee, . . . . .	—	—	—	1	—	—	—	1	—
Kentucky, . . . . .	1	—	1	—	—	—	—	—	—
Canada, . . . . .	4	1	5	7	7	1	1	8	8
Nova Scotia, . . . . .	—	—	—	—	1	—	—	—	1
Newfoundland, . . . . .	—	1	1	—	—	1	1	1	1
England, . . . . .	3	3	6	5	4	6	5	11	9
Ireland, . . . . .	18	19	37	32	31	24	24	56	55
Scotland, . . . . .	—	4	4	—	—	7	6	7	6
Wales, . . . . .	1	—	1	1	1	—	—	1	1
Germany, . . . . .	2	1	3	3	3	3	3	6	6
Italy, . . . . .	1	1	2	1	1	1	1	2	2
Hungary, . . . . .	—	1	1	—	—	1	1	1	1
Russia, . . . . .	2	—	2	1	1	—	—	1	1
Japan, . . . . .	1	—	1	1	1	—	—	1	1
Sweden, . . . . .	—	1	1	—	—	1	1	1	1
Unknown, . . . . .	—	1	1	4	4	7	8	11	12
Totals, . . . . .	89	77	166	89	89	77	77	166	166

6. — *Residence of Persons Admitted.*

PLACES.	Males.	Females.	Totals.
Hampshire County, . . . . .	21	14	35
Hampden County, . . . . .	46	32	78
Berkshire County, . . . . .	16	17	33
Franklin County, . . . . .	6	14	20
Totals, . . . . .	89	77	166
Cities or towns,* . . . . .	48	39	87
Country districts, . . . . .	41	38	79
Totals, . . . . .	89	77	166

\* Containing not less than 10,000 inhabitants.



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, . . . . .	32	22	54	36	25	61	6	7	13	1	-	1	75	54	129
Second, . . . . .	5	2	7	3	10	13	1	2	3	-	-	-	9	14	23
Third, . . . . .	2	1	3	2	4	6	-	1	1	-	-	-	4	6	10
Fourth, . . . . .	1	-	1	-	3	3	-	-	-	-	-	-	1	3	4
Totals, . . . . .	40	25	65	41	42	83	7	10	17	1	-	1	89	77	166

8. — *Occupation of Persons Admitted.*

## MALES.

Agent, . . . . .	1	Leather cutter, . . . . .	1
Book-keeper, . . . . .	1	Mechanic, . . . . .	1
Box maker, . . . . .	1	Machinists, . . . . .	3
Blacksmiths, . . . . .	2	Mill operatives, . . . . .	8
Bartenders, . . . . .	2	Merchants, . . . . .	5
Butcher, . . . . .	1	Photographer, . . . . .	1
Carpenters, . . . . .	3	Painters, . . . . .	2
Canvasser, . . . . .	1	Printer, . . . . .	1
Druggist, . . . . .	1	Papermaker, . . . . .	1
Electrical engineer, . . . . .	1	Pulman car porter, . . . . .	1
Employee in cutlery factory, . . . . .	1	Salesman, . . . . .	1
Farmers, . . . . .	13	Tinsmiths, . . . . .	2
Gardener, . . . . .	1	Whip-lash cutter, . . . . .	1
Hostler, . . . . .	1	Wood turner, . . . . .	1
Harness maker, . . . . .	1	None, . . . . .	6
Jeweller, . . . . .	1		
Laborers, . . . . .	22	Totals, . . . . .	89

## FEMALES.

Button maker, . . . . .	1	Hat braider, . . . . .	1
Cook, . . . . .	1	Mill operatives, . . . . .	5
Domestics, . . . . .	10	Matron in hotel, . . . . .	1
Dressmakers, . . . . .	3	Milliner, . . . . .	1
Housework, . . . . .	7	None, . . . . .	11

## WIFE OF

Book-binders, . . . . .	2	Hack driver, . . . . .	1
Button maker, . . . . .	1	Inspector of water works, . . . . .	1
Carpenter, . . . . .	1	Laborer, . . . . .	10
Clock repairer, . . . . .	1	Mechanic, . . . . .	1
Cigar maker, . . . . .	1	Merchant, . . . . .	1
Clergyman, . . . . .	1	Mill operative, . . . . .	5
Calico engraver, . . . . .	1	Painter, . . . . .	1
Clerk, . . . . .	1	Shoe dealer, . . . . .	1
Conductor, . . . . .	1	Teacher, . . . . .	1
Farmer, . . . . .	2		
Foundryman, . . . . .	1	Totals, . . . . .	77
Grocer, . . . . .	1		

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

CAUSES.	PATIENTS ADMITTED.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.		
	INSANE.								
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1.— <b>PHYSICAL:—</b>									
Congenital, . . . . .	1	—	1	—	—	—	—	—	—
Climacteric, . . . . .	—	4	4	—	1	1	—	1	1
Chorea, . . . . .	1	—	1	—	—	—	—	—	—
Cigarette smoking, . . . . .	1	—	1	—	—	—	—	—	—
Dissipation, . . . . .	2	—	2	1	—	1	—	—	—
Epilepsy, . . . . .	7	1	8	—	2	2	1	1	2
Hereditv, . . . . .	2	14	20	2	2	4	5	11	16
Ill-health, . . . . .	6	2	8	1	3	4	—	—	—
Intemperance, . . . . .	1	3	4	4	2	6	6	—	6
Injury, . . . . .	28	—	31	—	—	—	—	—	—
Influenza, . . . . .	1	2	3	—	1	1	1	—	1
Lactation, . . . . .	1	—	1	—	—	—	—	—	—
Malaria, . . . . .	—	1	1	—	—	—	—	—	—
Masturbation, . . . . .	—	1	1	—	—	—	2	—	2
Overstudy, . . . . .	4	—	4	—	—	—	—	—	—
Overwork, . . . . .	—	1	1	—	1	1	—	2	2
Overwork and study, . . . . .	1	5	6	—	—	—	—	—	—
Puerperal, . . . . .	1	—	1	—	—	—	—	1	1
Pregnancy, . . . . .	—	3	3	—	—	—	—	—	—
Senility, . . . . .	8	1	10	—	—	—	1	—	1









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.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-
15 years and less, . . . .	1	1	2	-	-	-	-	-	-	-	-	-
From 15 to 20 years, . . .	3	3	6	3	2	5	2	-	2	-	-	-
20 to 25 years, . . . .	7	3	10	8	5	13	1	-	1	-	-	-
25 to 30 years, . . . .	3	3	6	8	2	10	1	-	1	2	-	2
30 to 35 years, . . . .	1	12	13	8	13	21	1	-	1	1	-	1
35 to 40 years, . . . .	6	6	12	8	9	17	2	2	4	2	-	2
40 to 50 years, . . . .	10	5	15	14	8	22	-	6	6	1	4	5
50 to 60 years, . . . .	3	6	9	8	6	14	2	2	4	2	2	4
60 to 70 years, . . . .	2	1	3	3	3	6	3	4	7	3	7	10
70 to 80 years, . . . .	7	2	9	10	2	12	4	2	6	6	3	9
Over 80 years, . . . . .	1	-	1	3	1	4	1	-	1	3	1	4
Unknown, . . . . .	29	9	38	-	-	-	3	1	4	-	-	-
Not insane, . . . . .	1	-	1	1	-	1	-	-	-	-	-	-
Total of persons, . . . .	74	51	125	74	51	125	20	17	37	20	17	37
Mean ages, . . . . .	25.79	29.66	27.37	41.78	40.72	41.35	38.3	50.05	43.70	60.4	60.41	60.4

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

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTAL.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . .	-	-	-	-	-	-	-	-	-
Under 1 month, . .	14	11	25	2	2	4	16	13	29
From 1 to 3 months, .	6	4	10	2	4	6	8	8	16
3 to 6 months, .	7	6	13	-	1	1	7	7	14
6 to 12 months, .	6	8	14	3	1	4	9	9	18
1 to 2 years, . .	10	3	13	3	2	5	13	5	18
2 to 5 years, . .	9	11	20	1	4	5	10	15	25
5 to 10 years, . .	3	1	4	-	4	4	3	5	8
10 to 20 years, . .	1	2	3	1	4	5	2	6	8
Over 20 years, . . .	3	-	3	1	3	4	4	3	7
"Years," . . . . .	3	2	5	1	1	2	4	3	7
Not insane, . . . .	1	-	1	-	-	-	1	-	1
Unknown, . . . . .	11	3	14	3	1	4	14	4	18
Total of cases, . .	74	51	125	17	27	44	91	78	169
Total of persons, .	74	51	125	15	26	41	89	77	166
Average in years, .	4.90	1.98	3.71	4.64	5.59	2.98	4.85	3.23	3.51



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.
A. — Insane: —																					
Epilepsy, . . . . .	7	1	8	—	—	—	1	—	1	—	—	—	4	—	4	5	3	7	10		
General paralysis, . . . . .	3	—	3	—	—	—	4	5	9	3	1	4	1	—	1	1	—	1	1		
Mania, acute, . . . . .	16	13	29	3	3	8	2	1	3	1	7	8	7	8	15	5	15	14	22		
chronic, . . . . .	11	10	21	1	1	2	2	1	3	1	1	2	7	—	7	—	17	8	32		
recurrent, . . . . .	—	4	5	—	—	—	1	1	2	1	1	2	—	—	—	—	2	2	4		
puerperal, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2		
<i>a potu</i> , . . . . .	3	—	3	3	—	3	—	—	—	—	—	—	—	—	—	—	—	3	3		
Melancholia, acute, . . . . .	14	22	36	5	3	8	1	4	4	3	2	5	2	2	4	—	10	14	24		
chronic, . . . . .	2	5	7	—	1	1	1	1	2	2	1	3	—	2	2	—	6	5	11		
recurrent, . . . . .	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	1	1		
senile, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Dementia, primary, . . . . .	—	2	2	—	—	—	—	—	—	—	—	—	1	—	1	—	1	1	1		
secondary, . . . . .	5	9	14	1	—	1	—	1	1	1	5	6	3	7	10	—	7	16	23		
senile, . . . . .	7	3	10	—	—	—	—	—	—	—	—	—	—	—	—	—	4	2	6		
organic, . . . . .	6	1	7	—	—	—	—	—	—	—	—	—	—	—	—	—	1	3	4		
Primary delusional insanity, . . . . .	3	5	8	—	—	—	1	—	1	2	2	—	1	—	1	—	4	4	4		
Chronic delusional insanity, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Toxic insanity, . . . . .	9	2	11	5	2	7	—	1	1	2	2	2	1	—	3	—	8	6	6		
Traumatic insanity, . . . . .	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—		
Moral insanity, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Congenital mental deficiency, . . . . .	3	—	3	—	—	—	1	—	1	1	—	1	1	—	1	—	1	1	1		
B. — Habitual drunkards, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
C. — Not insane, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	2	—	2	—	3	1	3		
Total of cases, . . . . .	91	78	169	20	11	31	11	15	26	20	18	38	23	22	45	20	17	95	178		
Total of persons, . . . . .	89	77	166	20	11	31	10	14	24	20	18	38	22	22	44	20	17	93	175		

## 14. — Discharges, Classified by Admissions and Results.

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, . . . . .	14	10	24	8	10	18	17	13	30	16	15	31	4	—	4	18	13	31	77	61	138
Second, . . . . .	4	1	5	2	3	5	1	4	5	4	5	9	—	—	—	2	4	6	13	17	30
Third, . . . . .	1	—	1	1	1	2	—	1	1	1	2	3	—	—	—	—	—	—	3	4	7
Fourth, . . . . .	1	—	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2
Fifth, . . . . .	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1
Total of cases, . . . . .	20	11	31	11	15	26	19	18	37	21	22	43	4	—	4	20	17	37	95	83	178
Total of persons, . . . . .	20	11	31	10	14	24	19	18	37	20	22	42	4	—	4	20	17	37	93	82	175





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	6	15	1	2	13	1	1	2	1	1	2
Under 1 month, . . . . .	2	2	3	6	3	9	3	3	6	6	3	9
From 1 to 3 months, . . . . .	1	—	1	3	3	6	2	3	5	7	3	10
3 to 6 months, . . . . .	—	—	—	3	2	5	1	1	2	4	3	7
6 to 12 months, . . . . .	—	—	—	—	2	2	—	1	1	1	1	2
1 to 2 years, . . . . .	1	1	2	—	—	—	1	1	2	—	—	—
2 to 5 years, . . . . .	—	—	—	—	1	1	—	1	1	—	—	—
5 to 10 years, . . . . .	—	1	1	—	—	—	—	1	2	—	—	—
10 to 20 years, . . . . .	1	1	2	—	—	—	1	1	2	—	—	—
Over 20 years, . . . . .	—	1	1	—	—	—	—	—	—	—	—	—
Unknown, . . . . .	6	—	6	—	—	—	5	1	3	—	—	—
Totals, . . . . .	20	11	31	20	11	31	20	11	31	20	11	31
Average of known cases (in months),	11	64.27	28.12	3.85	11.18	6.45	14.2	76.09	38.88	12.88	31.81	20.32
										3.75	11.09	6.35



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, . . . . .	1	1	2	5	1	6	1	1	2	1	1	2
Under 1 month, . . . . .	2	2	4	1	1	2	1	1	2	1	1	2
From 1 to 3 months, . . . . .	2	4	6	3	4	7	1	1	2	4	4	8
3 to 6 months, . . . . .	1	1	2	—	3	3	3	3	6	1	1	2
6 to 12 months, . . . . .	3	2	5	2	3	5	5	5	10	3	3	6
1 to 2 years, . . . . .	3	4	7	5	4	9	6	6	12	6	6	12
2 to 5 years, . . . . .	2	2	4	2	1	3	3	1	4	2	1	3
5 to 10 years, . . . . .	2	2	4	2	2	4	2	3	5	2	3	5
10 to 20 years, . . . . .	1	1	2	2	1	3	2	2	4	2	2	4
Over 20 years, . . . . .	2	—	2	—	—	—	2	—	2	—	—	2
Unknown, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .	20	17	37	20	17	37	20	17	37	20	17	37
Average of known cases (in months),	75.33	39.58	54.83	37.2	35.	36.18	111.11	74.64	88.35	115.16	87.82	96.18
										70.4	44.23	58.37





[illegible]

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

[illegible]





## 19. — Relapsed Cases Admitted in Each Year and Discharged in 1892-93.

YEARS ENDING SEPT. 30.	CASES PREVIOUSLY RECOVERED IN THIS HOSPITAL.															REMAINING SEPT. 30, 1893.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	ADMITTED.			DISCHARGED AND DIED IN 1892-93.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1858,— 2 months,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



[illegible]

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

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of persons on first admissions, . . . . .	—	—	—	2253	2155	4408
Discharged recovered, . . . . .	512	441	953	—	—	—
improved, . . . . .	605	668	1273	—	—	—
unimproved, . . . . .	431	418	849	—	—	—
not insane, . . . . .	22	13	35	—	—	—
Died, . . . . .	509	440	949	—	—	—
Remaining in the hospital Sept. 30, 1893, . . . . .	174	175	349	2253	2155	4408

*Showing the Results of Readmissions.*

Readmitted, . . . . .	—	—	—	495	485	980
Discharged recovered, . . . . .	123	126	249	—	—	—
improved, . . . . .	145	147	292	—	—	—
unimproved, . . . . .	83	90	173	—	—	—
not insane, . . . . .	2	2	4	—	—	—
Died, . . . . .	78	53	131	—	—	—
Remaining in the hospital Sept. 30, 1893, . . . . .	64	67	131	495	485	980

*Showing the Results of Second Admissions.*

Second admissions, . . . . .	—	—	—	353	332	685
Discharged recovered, . . . . .	88	69	157	—	—	—
improved, . . . . .	92	102	194	—	—	—
unimproved, . . . . .	63	66	129	—	—	—
not insane, . . . . .	1	2	3	—	—	—
Died, . . . . .	63	44	107	—	—	—
Remaining in the hospital Sept. 30, 1893, . . . . .	46	49	95	353	332	685

*Showing the Results of Third Admissions.*

Third admissions, . . . . .	—	—	—	88	76	164
Discharged recovered, . . . . .	18	26	44	—	—	—
improved, . . . . .	29	21	50	—	—	—
unimproved, . . . . .	16	14	30	—	—	—
not insane, . . . . .	1	—	1	—	—	—
Died, . . . . .	12	6	18	—	—	—
Remaining in the hospital Sept. 30, 1893, . . . . .	12	9	21	88	76	164



*Showing the Results of Fourth Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Fourth admissions, . . .	—	—	—	23	35	58
Discharged recovered, . . .	9	8	17	—	—	—
improved, . . .	7	14	21	—	—	—
unimproved, . . .	2	4	6	—	—	—
Died, . . .	2	2	4	—	—	—
Remaining in the hospital Sept. 30, 1893, . . .	3	7	10	23	35	58

*Showing the Results of Fifth Admissions.*

Fifth admissions, . . .	—	—	—	11	14	25
Discharged recovered, . . .	4	7	11	—	—	—
improved, . . .	5	4	9	—	—	—
unimproved, . . .	—	2	2	—	—	—
Died, . . .	1	—	1	—	—	—
Remaining in the hospital Sept. 30, 1893, . . .	1	1	2	11	14	25

*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, . . .	2	—	2	—	—	—
unimproved, . . .	—	1	1	—	—	—
Died, . . .	—	1	1	—	—	—
Remaining in the hospital Sept. 30, 1893, . . .	1	—	1	4	5	9

*Showing the Results of Eighth Admissions.*

Eighth admissions, . . .	—	—	—	2	3	5
Discharged recovered, . . .	1	2	3	—	—	—
improved, . . .	1	—	1	—	—	—
unimproved, . . .	—	1	1	2	3	5

*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.*

Fifteenth admissions, . . .	-	-	-	1	1	2
Discharged improved, . . .	-	1	1	-	-	-
Remaining in the hospital Sept. 30, 1893, . . . . .	1	-	1	1	1	2



*Showing the Results of Sixteenth Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
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, 1893, . . . . .	-	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	—	—	—	4	—	4	2	2	4	2	2	4	—	—	—	—	—	—	—	
1858-59,	46	47	93	18	15	33	9	9	18	7	5	12	7	5	12	—	—	—	—	7	12	19	
1859-60,	73	94	167	19	16	35	12	10	22	2	2	4	2	2	4	—	—	—	—	9	18	27	
1860-61,	71	53	124	18	17	35	14	14	28	4	7	11	4	4	8	—	—	—	—	15	15	30	
1861-62,	64	48	112	19	15	34	27	15	42	9	5	14	1	1	2	—	—	—	—	9	10	19	
1862-63,	70	68	138	12	16	28	16	10	26	4	3	7	—	—	—	—	—	—	—	19	7	26	
1863-64,	47	45	92	30	19	49	19	15	34	4	6	10	—	—	—	—	—	—	—	17	30	47	
1864-65,	70	64	134	17	16	33	14	15	29	8	5	13	—	—	—	—	—	—	—	17	24	41	
1865-66,	75	61	136	16	10	26	12	7	19	5	2	7	—	—	—	—	—	—	—	18	13	31	
1866-67,	61	77	138	24	18	42	15	13	28	6	7	13	—	—	—	—	—	—	—	23	24	47	
1867-68,	68	84	152	21	19	40	22	27	49	5	7	12	—	—	—	—	—	—	—	25	18	43	
1868-69,	84	85	169	31	18	49	23	33	56	20	38	58	—	—	—	—	—	—	—	13	12	25	
1869-70,	90	112	202	23	27	50	15	43	58	22	34	56	—	—	—	—	—	—	—	22	11	33	
1870-71,	109	102	211	16	27	43	23	41	64	31	30	61	—	—	—	—	—	—	—	16	12	28	
1871-72,	101	98	199	25	15	40	33	27	60	22	27	49	—	—	—	—	—	—	—	19	18	37	
1872-73,	102	79	181	19	29	48	37	22	59	23	29	52	—	—	—	—	—	—	—	13	8	21	
1873-74,	105	88	193	25	12	37	24	19	43	27	18	45	—	—	—	—	—	—	—	14	11	25	
1874-75,	75	78	153	16	13	29	21	24	45	17	21	38	—	—	—	—	—	—	—	23	18	41	
1875-76,	76	77	153	19	13	32	18	31	49	24	23	47	—	—	—	—	—	—	—	18	19	37	
1876-77,	68	71	139	15	18	33	8	13	21	15	17	32	—	—	—	—	—	—	—	21	21	42	



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	1	14	9	23	535	442
1879-80,	.	59	58	117	16	12	28	5	7	12	11	23	9	10	19	2	-	2	17	12	29	559	446
1880-81,	.	57	66	123	7	13	20	6	7	13	15	30	6	10	16	1	-	1	16	10	26	569	463
1881-82,	.	62	62	124	13	15	28	4	9	13	7	21	14	13	27	-	1	1	24	14	38	587	459
1882-83,	.	73	69	147	11	17	28	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	35	16	20	36	3	1	4	12	13	25	605	463
1884-85,	.	66	70	136	17	12	29	4	5	9	12	29	10	16	26	1	2	3	16	11	27	599	476
1885-86,	.	85	98	183	10	19	29	8	2	10	23	59	20	23	43	1	-	1	14	12	26	659	491
1886-87,	.	72	76	148	16	8	24	5	3	8	36	67	21	16	37	1	2	3	13	18	31	639	469
1887-88,	.	87	79	166	23	13	36	3	6	9	25	47	12	17	29	2	-	2	14	17	31	635	481
1888-89,	.	98	57	155	27	15	42	6	6	12	25	65	35	8	43	2	1	3	18	7	25	636	446
1889-90,	.	91	79	170	18	14	32	5	9	14	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	53	18	22	40	-	-	-	19	12	31	636	453
1891-92,	.	102	75	177	16	21	37	9	10	19	13	21	15	8	23	3	-	3	29	9	38	630	489
1892-93,	.	91	78	169	20	11	31	11	15	26	19	37	21	22	43	4	-	4	20	17	37	658	480
Totals,	.	2,748	2,640	5,388	635	567	1,202	88	97	185	662	718	1,380	514	1,022	24	15	39	587	493	1,080	-	-

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



23. — *Monthly Consumption of Gas.*

MONTHS.								Cubic Feet.	Daily Average.
<b>1892.</b>									
October,	.	.	.	.	.	.	.	55,200	1,780.64
November,	.	.	.	.	.	.	.	64,800	2,160.00
December,	.	.	.	.	.	.	.	80,200	2,587.09
<b>1893.</b>									
January,	.	.	.	.	.	.	.	73,500	2,370.96
February,	.	.	.	.	.	.	.	62,300	2,225.00
March,	.	.	.	.	.	.	.	57,100	1,841.93
April,	.	.	.	.	.	.	.	52,980	1,766.00
May,	.	.	.	.	.	.	.	32,100	1,035.48
June,	.	.	.	.	.	.	.	24,150	805.00
July,	.	.	.	.	.	.	.	23,375	754.03
August,	.	.	.	.	.	.	.	31,050	1,001.61
September,	.	.	.	.	.	.	.	46,550	1,551.66
Totals,	.	.	.	.	.	.	.	603,305	1,652.89

24. — Supplies for the Several Departments for the Year 1892-93.

	Sheets.	Pillow Cases.	Bed Spreads.	Blankets.	Bed Ticks.	Pillow Ticks.	Towels.	Curtains.	Wash Bowls.	Bwers.	Chambers.	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, . . . . .	20	18	4	4	2	2	18	1	1	1	2	6	1	2	1	1	6	12	6	1	1	1	1	1	1
2d Hall, . . . . .	28	22	4	8	2	2	12	1	1	1	11	1	4	2	8	18	18	24	18	1	3	1	1	1	4
3d and 4th Halls, . . . . .	54	30	1	6	13	10	6	5	1	1	9	1	2	3	8	12	12	12	1	1	1	1	1	1	12
Middle 1st Hall, . . . . .	40	16	3	12	12	10	12	1	1	1	38	1	1	4	8	18	18	18	6	1	1	1	1	1	5
2d Hall, . . . . .	42	38	10	14	5	10	6	1	1	1	15	1	1	7	20	12	33	30	1	1	1	1	1	1	4
3d and 4th Halls, . . . . .	46	32	12	20	10	2	24	7	1	1	10	1	5	3	13	16	34	18	2	1	1	1	1	1	5
Lower 1st Hall, . . . . .	74	12	5	6	8	12	12	8	1	1	22	1	3	5	16	6	18	6	1	1	1	1	1	1	3
2d Hall, . . . . .	64	34	12	36	1	6	18	1	1	1	24	1	3	3	16	6	54	24	2	1	1	1	1	1	1
3d and 4th Halls, . . . . .																									
<i>Women's Department.</i>																									
Upper 1st Hall, . . . . .	12	1	8	3	1	1	30	1	1	1	4	1	1	1	2	36	36	84	48	6	12	3	9	1	1
2d Hall, . . . . .	36	36	24	18	2	1	12	12	1	1	6	1	1	32	1	24	12	12	24	1	6	2	2	1	6
3d and 4th Halls, . . . . .	72	12	2	2	2	1	54	4	2	3	12	1	1	20	1	36	36	24	12	1	6	9	5	1	1
Middle 1st Hall, . . . . .	34	40	20	4	1	1	102	1	1	1	30	1	1	14	10	18	36	24	24	1	6	6	5	1	1
2d Hall, . . . . .	120	72	18	25	1	15	60	48	1	1	18	1	1	58	4	12	36	24	24	1	30	5	2	1	1
3d and 4th Halls, . . . . .	108	12	26	24	1	6	18	1	1	1	6	1	1	32	5	10	24	6	12	1	18	6	4	1	1
Lower 1st Hall, . . . . .	24	60	12	36	14	6	12	1	1	1	12	1	2	40	10	12	6	6	6	1	18	3	1	1	1
2d Hall, . . . . .	120	84	4	36	17	15	36	1	1	2	30	1	1	48	1	36	18	18	30	1	12	1	1	1	1
3d and 4th Halls, . . . . .	72	24	1	36	1	6	6	2	1	1	1	5	1	1	18	180	18	18	4	1	18	5	12	1	1
Kitchen, . . . . .	33	19	18	20	1	6	26	1	1	1	3	1	1	1	1	1	1	1	3	1	1	1	1	1	1
Rear, . . . . .	8	10	1	1	1	1	9	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1
Centre, . . . . .																									
Aggregates, . . . . .	1007	591	178	288	101	129	503	91	5	8	259	16	23	350	130	436	403	354	251	18	177	75	47	35	13



24. — Supplies for the Several Departments for the Year 1892-93 — 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,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2d Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3d and 4th Halls,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Middle 1st Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2d Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3d and 4th Halls,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lower 1st Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2d Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3d and 4th Halls,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Women's Department.</i>																									
Upper 1st Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2d Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3d and 4th Halls,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Middle 1st Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2d Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3d and 4th Halls,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lower 1st Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2d Hall,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3d and 4th Halls,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Kitchen,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rear,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Centre,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Aggregates,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	219	23	48	30	108	244	246	186	11	512	1908	199	62	47	29	34	148	91	5	87	13	199	46	124	12

25. — *Days' Work by Patients.*

MONTHS.	FARM.	KITCHEN.			SEWING-ROOM.	LAUNDRY.		
	Men.	Men.	Women.	Totals.	Women.	Men.	Women.	Totals.
<b>1892.</b>								
October, . .	671	124	169	293	278	25	353	378
November, . .	642	120	185	305	275	24	366	390
December, . .	654	124	161	285	285	24	392	416
<b>1893.</b>								
January, . . .	605	124	151	275	318	25	409	434
February, . . .	482	112	152	264	288	23	336	359
March, . . . .	547	124	158	282	313	37	402	439
April, . . . .	529	120	117	237	234	42	335	377
May, . . . . .	591	124	191	315	252	28	410	438
June, . . . . .	597	120	189	309	316	52	379	431
July, . . . . .	653	124	162	286	395	47	398	445
August, . . . .	634	124	163	287	252	50	389	439
September, . .	611	120	151	271	247	47	389	436
Totals, . . . .	7216	1460	1949	3409	3453	424	4558	4982



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

Dresses, . . . . .	278	Dish towels, . . . . .	468
Skirts, . . . . .	152	Sheets, . . . . .	916
Shirts, . . . . .	262	Pillow cases, . . . . .	568
Waists, . . . . .	10	Spreads hemmed, . . . . .	163
Night-dresses, . . . . .	48	Table cloths, . . . . .	34
Drawers, . . . . .	146	Napkins, . . . . .	30
Chemise, . . . . .	130	Hats trimmed, . . . . .	22
Aprons, . . . . .	235	Pillow ticks, . . . . .	120
Caps, . . . . .	353	Mattress ticks, . . . . .	119
Suspenders, . . . . .	169	Clothes bags, . . . . .	17
Camisoles, . . . . .	24	Yards carpeting made, . . . . .	252
Curtains, . . . . .	14	Carpet strips hemmed, . . . . .	153
Roller towels, . . . . .	175	Articles repaired, . . . . .	17,355

*27.—Upholstery done in the Year.*

Hair mattresses made, new materials, . . . . .	23
Hair mattresses made, new ticks, . . . . .	87
Hair mattresses made, old materials, . . . . .	50
Hair pillows made, new materials, . . . . .	22
Hair pillows made, old materials, . . . . .	186

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



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, 1893.

NAMES.	Years.	Months.	Days.
Edward B. Nims, M.D., superintendent, . . . . .	24	9	16
John A. Houston, M.D., assistant physician, . . . . .	4	—	7
Charles M. Holmes, M.D., assistant physician, . . . . .	4	2	21
Jane R. Baker, M.D., female physician, . . . . .	1	1	28
Lewis F. Babbitt, clerk, . . . . .	1	11	19
John Mercier, farmer, . . . . .	26	2	—
Danford Morse, engineer, . . . . .	28	6	9
Robert H. Gallivan, supervisor, . . . . .	20	5	13
Lucy A. Gilbert, supervisor, . . . . .	26	7	20
Benjamin Grant, steward, . . . . .	—	10	16
George B. Walker, baker, . . . . .	9	3	22
Bradamant Fairbanks, seamstress, . . . . .	1	8	3
Chloe L. Marks, laundress, . . . . .	1	4	—
Inez M. Field, assistant clerk, . . . . .	3	9	3
Elizabeth Bycraft, assistant supervisor, . . . . .	2	—	1
Martin Sawyer, assistant steward, . . . . .	2	—	26
Mattie Jones, assistant seamstress, . . . . .	1	10	16
Mary A. McKenzie, assistant laundress, . . . . .	2	—	16
Fannie Gilbert, assistant laundress, . . . . .	—	5	21
Myrtie A. McVeta, assistant laundress, . . . . .	—	3	5
Mary Bradley, assistant laundress, . . . . .	—	—	12
Henry W. Estey, attendant, . . . . .	11	6	7
Albertus A. Powers, attendant, . . . . .	2	—	14
Martin V. B. Vance, attendant, . . . . .	1	8	7
Samuel L. Williams, attendant, . . . . .	1	3	4
Charles J. Downey, attendant, . . . . .	1	1	4
Max A. Gerald, attendant, . . . . .	—	9	25
Walter Shippey, attendant, . . . . .	—	2	11
Leroy C. Decker, attendant, . . . . .	—	5	7
Fred P. Wilson, attendant, . . . . .	—	5	6
Willie G. Davis, attendant, . . . . .	—	4	26
Arthur Le Duc, attendant, . . . . .	—	3	27
Clarke F. Wilkinson, attendant, . . . . .	—	3	23
Allen E. Cooley, attendant, . . . . .	—	3	1
William Martin, attendant, . . . . .	—	1	17
Edward R. Cover, attendant, . . . . .	—	1	10
William Day, attendant, . . . . .	—	—	24
Delbert L. Gordon, attendant, . . . . .	—	2	17
Jeanette McLean, attendant, . . . . .	10	1	3
Cecile Riel, attendant, . . . . .	15	8	9
Jennie E. O'Brien, attendant, . . . . .	1	3	29
Mary A. Dobson, attendant, . . . . .	1	1	9
Marie A. Dutcher, attendant, . . . . .	—	5	10
Katie Rauch, attendant, . . . . .	—	4	21
Jessie Boomhower, attendant, . . . . .	—	2	25
Jennie Lilley, attendant, . . . . .	—	1	20
Delia Ryan, attendant, . . . . .	—	1	14
Helen S. Underhill, attendant, . . . . .	—	1	12
Kamilla Boeske, attendant, . . . . .	—	—	12
Margaret E. Probert, attendant, . . . . .	—	1	—



30. — *Officers and Employees* — Concluded.

NAMES.	Years.	Months.	Days.
Maud Stuart, attendant, . . . . .	—	1	—
Katie Larkin, attendant, . . . . .	—	—	12
Bridget Carey, attendant, . . . . .	—	—	6
Luella Field, night watch, . . . . .	1	4	20
Hattie Darling, centre, . . . . .	6	10	—
Abbie Larabee, centre, . . . . .	1	8	5
Louise Parker, centre, . . . . .	—	5	5
Alice A. Hawkes, farmers' dining-room, . . . . .	5	9	27
Alice Grant, cook, . . . . .	—	10	16
Mary Mangan, cook, . . . . .	4	9	6
Annie Goodwin, cook, . . . . .	—	4	3
Eda Swanson, cook, . . . . .	—	4	7
Bridget Mangan, cook, . . . . .	—	4	6
Ida M. Hebard, rear, . . . . .	—	5	13
William C. Hall, assistant engineer, . . . . .	28	—	20
Nicholas Riel, night engineer, . . . . .	17	9	25
William E. Larabee, watchman, . . . . .	1	8	15
Sifroi Belleville, carpenter, . . . . .	23	5	7
Walter Tower, carpenter, . . . . .	15	10	—
Alfred Parenteau, painter, . . . . .	28	1	18
David Mercier, coachman, . . . . .	16	7	14
Benjamin Rockwell, assistant farmer, . . . . .	26	4	—
Henry Wilson, assistant farmer, . . . . .	14	5	8
James Madden, assistant farmer, . . . . .	18	—	29
Eugene Sullivan, assistant farmer, . . . . .	18	5	—
Eugene L. Hathaway, assistant farmer, . . . . .	1	5	20
Patrick Eagan, assistant farmer, . . . . .	1	1	8
George Irwin, assistant farmer, . . . . .	—	10	10
Thomas Donahoe, assistant farmer, . . . . .	—	11	28
Xavia Dion, assistant farmer, . . . . .	—	3	17
John Kuhback, assistant baker, . . . . .	—	4	21
John Bourke, car boy, . . . . .	—	4	14
George W. Thorniley, florist, . . . . .	—	5	12

ORIGINAL ARTICLES

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