
TWENTY-SECOND ANNUAL REPORT

OF THE


WORCESTER INSANE ASYLUM

AT

WORCESTER,

FOR THE

YEAR ENDING SEPTEMBER 30, 1899.



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OFFICERS OF THE ASYLUM.

TRUSTEES.

THOMAS H. GAGE,	WORCESTER.
GEORGE W. WELLS,	SOUTHBRIDGE.
ROCKWOOD HOAR,	WORCESTER.
SARAH E. WHITIN,	WHITINSVILLE.
FRANCES M. LINCOLN,	WORCESTER.
SAMUEL B. WOODWARD,	WORCESTER.

RESIDENT OFFICERS.

ERNEST V. SCRIBNER, M.D.,	<i>Superintendent.</i>
THOMAS HOWELL, M.D.,	<i>Assistant Physician.</i>
ABBIE S. FAY,	<i>Matron.</i>

NON-RESIDENT OFFICERS.

ALBERT WOOD,	<i>Treasurer.</i>
GEORGE L. CLARK,	<i>Auditor.</i>
SUSIE G. WARREN,	<i>Clerk.</i>
FREDERICK H. BAKER, M.D.,	<i>Pathologist.</i>
WILLIAM SHERMAN,	<i>Engineer.</i>

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Worcester Insane Hospital, acting for the Worcester Insane Asylum, respectfully present their twenty-second annual report, it being for the year ended Sept. 30, 1899.

The year at this institution has been without notable occurrence. About the usual number of patients have been cared for, and the results have been much the same as in previous years. The exact number under treatment has been 493, and of these, as will be seen by the superintendent's accompanying report, 2 have been discharged recovered, 2 improved, 1 not improved and 27 have died. There remain 461.

The recoveries are noteworthy and remarkable, and Dr. Scribner's account of them will be read with interest. That two asylum inmates should be so far recovered as to admit of their return to society and the community is a fact very pleasant to record. It shows that these sad cases are not all hopeless.

What Dr. Scribner says in his report of the causes, immediate and remote, of the dementia which so generally characterizes the patients under his charge, is worthy of, and will receive, serious consideration. And so will be particularly remarked what he has to say of epilepsy, and of the violent and dangerous character of the epileptic patient; and this more especially when considered in connection with the fact that 22 epileptics, including some of those who were removed last year from the asylum to the Monson hospital, have been in this transferred from Monson to the asylum, thus increasing instead of diminishing here this very undesirable class of inmates. It had been

supposed by the officials of both the hospital and the asylum that the provision made for epileptics at Monson was to relieve them of the care of these troublesome cases, and an increase of the number from that source had not been anticipated.

The superintendent's statement of important improvements and repairs, especially as to the heating and ventilation of the south wing, will receive attention. These have been even more important than appears from the statement, and have been fully in keeping with the work of renovation which has been in progress for several years. When all that is now projected and under way is accomplished, the improvements will be of great utility. And it is satisfactory to add that, in carrying out his plans, Dr. Scribner has employed largely the labor of inmates.

It is pleasant to note the fact that some of the female attendants have been sent during the year to the city hospital training school for nurses, in order that they might gain experience and receive instruction in general nursing of the sick. This indicates a purpose to make the service of attendants more valuable and more like that which in general hospitals patients receive at the hands of trained nurses. It is a step in the right direction and toward what is likely to be in the near future a great improvement.

Dr. Scribner's suggestions as to things that are needed and that must be attended to, — to the need of improved bathing and toilet facilities for the male patients, of further improvements in ward ventilation, of the introduction of kitchen machinery, of the installation of a refrigerating plant, of changes in the general arrangements of the kitchen, of concrete roadways and walks and of interior painting of the house, — are all carefully noted by the trustees. They are, however, of opinion that, when he gets through with the larger operations in which he is now engaged, he will be able to take these matters up and gradually do what is required with the use of the current funds of the asylum and without recourse to the Legislature. It is true the present cash on hand will be very much reduced by payments for the electric plant building, but it is nevertheless believed that a sufficient sum will remain for the objects mentioned.

The electric light and power plant, for which the last Legislature appropriated \$12,000, is progressing favorably, and will be completed, it is hoped, in the early winter. It is not the purpose, however, to put in at present a storage battery, although every preparation will be made for putting it in at a future time, should it be thought advisable. No doubt is felt that the cost of the plant will be kept within the appropriation.

In this connection the trustees desire to express their grateful appreciation of the intelligent and careful study Dr. Scribner has devoted to the subject of an electric service. To him the institution will be vastly indebted for this great improvement.

In the summer, Dr. Hartstein W. Page, who has held for several years the office of assistant physician here, resigned to accept a position of greater responsibility and larger salary at the Baldwinsville Cottages for Children. His services have been of great value, and the best wishes of the Board attend him in his new and important field of duty. Dr. Thomas Howell has been appointed to the vacancy.

In closing the history of the first twenty-two years of the asylum's existence, the trustees feel assured that the institution has more than justified the wisdom of the legislative act that established it. It was begun as an experiment, a "temporary" expedient, but has long since taken a permanent and prominent place among the noble charities of the State. It is to-day one of the pleasantest, best appointed and most comfortable of the Commonwealth's provisions for the insane. Its wards are neat, sunny, bright and cheerful, its grounds highly cultivated and attractive, and its inmates, in every respect, as contented and happy as their extremely unfortunate condition permits. And it has proved, moreover, by the exercise of a rigid but not parsimonious economy in its management, an inexpensive as well as successful venture.

THOMAS H. GAGE.
GEORGE W. WELLS.
ROCKWOOD HOAR.
SARAH E. WHITIN.
FRANCES M. LINCOLN.
SAMUEL B. WOODWARD.

OFFICERS AND THEIR SALARIES.

ERNEST V. SCRIBNER, M.D., <i>Superintendent</i> ,	\$2,500 00
THOMAS HOWELL, M.D., <i>Assistant Physician</i> ,	1,000 00
FREDERICK H. BAKER, M.D., <i>Pathologist</i> ,	100 00
ABBIE S. FAY, <i>Matron</i> ,	400 00
ALBERT WOOD, <i>Treasurer</i> ,	400 00
GEORGE L. CLARK, <i>Auditor</i> ,	50 00
SUSIE G. WARREN, <i>Clerk</i> ,	480 00
WILLIAM SHERMAN, <i>Engineer</i> ,	1,000 00

VALUE OF STOCK AND SUPPLIES.

Oct. 1, 1899.

Live stock,	\$350 00
Produce of the garden on hand,	832 61
Carriages and agricultural implements,	500 00
Machinery and mechanical fixtures,	9,000 00
Beds and bedding in inmates' department,	9,000 00
Other furniture in inmates' department,	3,500 00
Personal property of State in superintendent's department,	9,500 00
Ready-made clothing,	2,713 93
Dry goods,	873 85
Provisions and groceries,	1,362 07
Drugs and medicines,	300 00
Fuel,	3,000 00
Library,	600 00
Other supplies undistributed,	1,167 36
	\$42,699 82

TREASURER'S REPORT.

To the Trustees of the Worcester Insane Hospital, acting for the Worcester Insane Asylum.

I herewith submit my twenty-second annual report on the finances of the Worcester Insane Asylum for the year ending Sept. 30, 1899.

RECEIPTS.

Cash on hand Sept. 30, 1898:—

Cash belonging to the asylum,	\$7,576 67	
Deposits of inmates,	1,329 95	
		\$8,906 62
Amounts received:—		
From the Commonwealth for the support of patients,	\$21,122 52	
From cities and towns for support of patients,	50,901 42	
From other sources,	696 39	
From patients,	193 57	
		72,913 90
		\$81,820 52

The expenditures for the year have been as follows:—

Salaries and wages,	\$23,753 84	
Provisions and supplies:—		
Meat of all kinds,	\$3,230 89	
Fish of all kinds,	771 02	
Fruit and vegetables,	2,306 48	
Flour,	2,488 90	
Meal for the table,	38 53	
Hay and grain,	190 54	
Tea and coffee,	796 21	
Milk, butter and cheese,	6,332 20	
Sugar and molasses,	1,250 80	
Salt and other groceries	346 49	
All other provisions,	2,467 17	
		20,219 23
Clothing and material,	\$4,914 44	
Fuel,	4,113 28	
Lights,	930 71	
		\$43,973 07
<i>Amounts carried forward,</i>	<i>\$9,958 43</i>	<i>\$43,973 07</i>

<i>Amounts brought forward,</i>	\$9,958 43	\$43,973 07
Medicine and medical supplies,	257 24	
Furniture and furnishings,	988 96	
Crockery,	151 99	
Beds and bedding,	583 86	
Transportation,	258 35	
Travelling,	112 55	
Trustees' expenses,	21 28	
Soap,	358 41	
Water,	270 01	
Stationery,	109 08	
Undertaking,	135 00	
Repairs (ordinary),	7,863 80	
All other current expenses,	2,381 42	
	<hr/>	23,450 38
Total current expenses,		\$67,423 45
Repairs (extraordinary),	\$1,931 06	
Refunded inmates (on deposits),	146 08	
	<hr/>	2,077 14
Total amount expended,		\$69,500 59
Cash on hand Sept. 30, 1899,		12,319 93
		<hr/>
		\$81,820 52

RESOURCES.

Cash on hand,	\$12,319 93	
Due from Commonwealth for support,	5,763 45	
Due from cities and towns,	14,121 10	
	<hr/>	\$32,204 48

LIABILITIES.

Due for supplies and expenses,	\$4,282 47	
for salaries and wages,	1,995 09	
inmates (cash on deposits),	1,323 94	
	<hr/>	7,601 50
		<hr/>
		\$24,602 98

Respectfully submitted,

ALBERT WOOD,
Treasurer.

WORCESTER, MASS., Oct. 1, 1899.

WORCESTER, MASS., Oct. 20, 1899.

The undersigned has this day carefully compared the treasurer's statement of expenditures for the year ending Sept. 30, 1899, with the vouchers which are on file at the Worcester Insane Asylum, and finds it to be correct. He has also compared the amount of bills rendered for the board of patients with the estimated earnings of the institution for one year, and finds them to agree.

GEO. L. CLARK,
Auditor of Accounts.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester Insane Hospital, acting for the Worcester Insane Asylum.

I respectfully present to your Board the twenty-second annual report of the superintendent of the Worcester Insane Asylum.

Oct. 1, 1898, 206 men and 213 women — 419 persons — were inmates of this institution. During the official year 74 persons were admitted, — 26 men and 48 women, making a total under treatment of 493 persons — 232 men and 261 women. There were discharged during the year 16 men and 16 women. Of this number, 1 man and 1 woman recovered, 2 women were improved, 1 woman was not improved and 15 men and 12 women died, — a total of discharges for all causes of 32 patients. Sept. 30, 1899, there remained in the institution 461 persons, — 216 men and 245 women. Of those discharged, 2 women were removed by the overseers of the poor to be cared for at the almshouse, 1 man went away in the care of his wife and 1 woman was removed by her sister.

Epilepsy, intemperance, congenital deficiency and heredity figure as the chief causes of the mental disease among those admitted. A little consideration of these causes will show how slight is the probability of recovery in the vast majority of these cases. In my last annual report I made note of the fact that 12 epileptics were removed from this institution to the Hospital for Epileptics at Monson. Though this transfer included chiefly the milder cases, and therefore occasioned no considerable relief, still, it did diminish the numbers of a class of patients always difficult and unsatisfactory to manage, even in the more quiet cases. This relief proved only of short duration, however. During the past year, of the 74 persons received, 29 were epileptic, 22 being from the hospital at Monson, several being the very persons who were sent away

from here last year. In one respect an improvement has been shown in the character of those received, in not so large a proportion has advanced physical disease been a prominent feature, only 10 per cent. being considered as in poor bodily health. When we come to consider mental condition, however, a very different picture is presented. Violence, untidiness and dementia were marked traits, the evidence of mental decay being in the majority of cases all too manifest.

Unpromising as seemed the material received, not all was bad, however, as shown by the fact that of this number two cases recovered, a man and a woman. The man on admission here was highly excited and at times inclined to be violent and abusive. He had delusions of poisoning, was absorbed in the contemplation of his own imaginary persecutions, and evinced little interest in the welfare of his family. He readily accepted employment, and after a short residence here became more quiet, seeming to gradually awake to a sense of his surroundings. His interest in life returned, and he seemed once more eager to undertake the support of his family. He was allowed to go home, apparently well, having been insane for about two and one-half years. The other case of recovery was that of a woman past middle life. This was an alcoholic case. On admission here the patient was full of suspicion, with delusions of persecution. After a time she seemed to gain confidence in those around her, and accepted in good faith the efforts made in her behalf. The insanity in this case was of uncertain duration, and the permanence of the recovery seems largely dependent upon the patient not resuming her former habits of life.

There has been a slight average increase in the number of patients during the year, the daily average being 433.81, as against 428.16 last year. Nearly twice as many women as men have been admitted. In fact, for some years the demand for increased accommodation has been far greater for women than for men. At the present time a few more men could be cared for here without serious inconvenience, if of a fairly quiet class; but to provide for many additional women of that noisy, violent, untidy and demented class which has formed so large a percentage of our recent admissions would be difficult. Every year brings a greater pressure for the accommodation

afforded by single rooms. With the completion of repairs which are now in progress some of the rooms used for ward dining rooms can be converted into single rooms for patients, and thus afford some measure of relief in the direction where most needed. This relief, however, comes now only in the male department, and, while very welcome there, would be doubly so if it could be extended to the female department. Plans are already matured, which, when carried to completion, will provide increased accommodation for women. With the advent of electric power a new era will open in lighting and ventilation, rendering it possible to care for our present numbers with less discomfort, and making provision for a possible further increase more easy of accomplishment. The demand for increased accommodation in the State establishments for the insane can possibly be met, for the present, by the enlargement of existing institutions.

In mental disease with each succeeding year the probability of recovery lessens. Though complete return to health may be denied, marked improvement often follows a closer attention to individual treatment, a response well worthy of the effort. Since the mind manifests itself through the medium of the body, it is through this medium that our chief influence is naturally brought to bear. With the increase of individual attention to patients a greater responsibility is necessarily laid upon the hospital attendant, and a more intelligent service is demanded. Supplementary to the course of instruction given here, an arrangement was made this summer with the Worcester City Hospital by which one of our female nurses was afforded a special service at this latter institution. It is proposed that a similar opportunity shall be given to other nurses at such times as can conveniently be arranged for. This added experience cannot fail to be of great benefit in the asylum work. It is the constant aim to bring the service to a higher plane of excellence, and to ascribe greater importance to the office of nurse than to that of custodian.

Cerebral disease is essentially exhausting in its nature, and in the effort to combat the abnormal drain of nervous energy careful attention must be paid to the nutrition of the nervous centres. A series of somewhat extended investigations entered into here have seemed to show quite conclusively that in the

majority of chronic cases much more is to be expected from a careful and scientific regulation of the diet than from the administration of remedial drugs alone. The demented and the deluded seem often to suffer, though in the midst of plenty, from improper nutrition, due to the faulty assimilation of food. Efforts to correct this condition bring a response which shows that in this direction lies a fertile field for future investigation.

Ratio of Deaths from the Opening of the Asylum to Oct. 1, 1899.

OFFICIAL YEAR.	Whole Number of Patients.	Daily Average Number of Patients.	DEATHS.			Per Cent. on Whole Number of Patients treated.	Per Cent. on Daily Average Number of Patients.
			Males.	Females	Totals.		
1877-78, . . .	429	382.98	18	8	26	6.05	6.78
1878-79, . . .	422	367.41	22	11	33	7.82	8.98
1879-80, . . .	413	363.15	15	8	23	5.56	6.33
1880-81, . . .	401	363.09	18	6	24	5.98	6.62
1881-82, . . .	439	375.59	21	11	32	7.28	8.51
1882-83, . . .	461	384.33	37	24	61	13.23	15.84
1883-84, . . .	438	390.69	22	20	42	9.58	10.75
1884-85, . . .	448	391.12	20	14	34	7.58	8.69
1885-86, . . .	476	400.28	23	15	38	7.98	9.49
1886-87, . . .	444	393.52	21	17	38	8.55	9.65
1887-88, . . .	451	393.95	23	14	37	8.20	9.39
1888-89, . . .	431	385.56	27	11	38	8.81	9.85
1889-90, . . .	428	330.23	27	4	31	7.24	9.38
1890-91, . . .	464	394.66	22	12	34	7.32	8.61
1891-92, . . .	499	427.82	22	15	37	7.41	8.64
1892-93, . . .	519	446.94	38	20	58	11.17	12.97
1893-94, . . .	515	442.23	22	21	43	8.35	9.72
1894-95, . . .	504	460.68	22	24	46	9.13	9.99
1895-96, . . .	467	427.36	16	19	35	7.49	8.19
1896-97, . . .	465	438.14	11	15	26	5.59	5.93
1897-98, . . .	457	428.16	6	15	21	4.59	4.90
1898 99, . . .	493	433.81	15	12	27	5.47	6.22

No case of contagious disease has occurred during the year, either among patients or employees. The general health of the house has been good, and there has been little acute disease of any nature. The death rate is somewhat larger than that of last year, but still very small for this class of patients. Phthisis again heads the list of the causes of death. The average duration of insanity in those who died was a little in excess of twenty-two years, and the average hospital residence was nearly sixteen years. In both cases the average duration among the men was quite a little in excess of that among the women.

For some years the furnishing of this institution with an electric lighting plant has been under consideration, but no active steps were taken in the matter until last winter. In prosecuting the work of reconstruction and repair here it has not been customary to ask for special appropriations. The installation of an electric plant, however, required the expenditure of such comparatively large sums of money during such short periods of time that the ordinary revenues of the institution were inadequate. An appropriation being sought, the Legislature voted the sum of \$12,000 for furnishing the institution with an electric plant. The work of installation is now in active progress, and, if all contracts are carried out in accordance with agreement, the completion of the whole plant will be accomplished at an early date. For the accommodation of the new power plant an addition is being made to the present engine and laundry building. This addition will not only provide a place for the engines and generators, but will also greatly increase the facilities of the laundry and sewing-room. In this latter place the change will be most welcome, as the work here has long been carried on in cramped and inadequate quarters. Since the installation of electric power became assured, repair in all departments has been held in abeyance as much as possible, in order that the necessary cutting of walls and ceilings might be accomplished with as little damage as possible to finished work. This has of course prevented the completion of considerable work that would have otherwise now been finished. As soon as the electric equipment is complete these repairs will be resumed and can then be carried rapidly forward.

Perhaps one of the most important improvements of the year has been the change in the heating and ventilation of the south wings. In these wards, under the old arrangement, an equitable distribution of heat and fresh air was impossible, and the system of ventilation was most faulty. All this has now been remedied. Room exits have been enlarged, and a whole new scheme of corridor ventilation and heating has been introduced. Radical changes were found necessary to remedy the defects. A circular bay window has also been added to these wards, greatly increasing the comfort and cheer.

The labor of patients has been utilized in all departments,

and much valuable work has been accomplished. Besides rendering great assistance in the general work of repair, scraping and refinishing floors, etc., nearly all of the chairs in the wards have been reseatd and rendered practically new. Though large numbers of our people have been profitably employed, the most intelligent workers are as a rule retained in other institutions. Were it not for this fact, a greater variety of work could be accomplished here. An unusual amount of out-of-door work has presented itself this year, and many more men could have been employed to advantage, had they been available. The dry season greatly limited the supply of water from the Hermitage Pond. Advantage has been taken of this fact to drain and thoroughly clean this reservoir. This work was done almost entirely by patients. The pond has partially refilled, and a little water is now being taken from this source of supply. A new connection has also been made with the city mains and a new meter put in place.

Though much work of renovation and repair has been accomplished, the constantly increasing needs of the institution, together with the natural ravages of time, render it difficult to keep pace with the demands. Improved bathing and toilet facilities are greatly needed for the male department. Further efforts should also be made in the improvement of the ward ventilation. The introduction of kitchen machinery would greatly facilitate the work of that department. The installation of a refrigerating plant is desirable at as early a date as may be possible. Important changes should also be made in the general arrangement of the kitchen. Concrete roadways and walks are greatly needed in the outside approaches to the buildings. A large amount of interior painting will be necessary this winter. Some of this work can doubtless be accomplished during the coming year, but the work already in hand will probably absorb a considerable portion of the energies for some time to come.

Since my last annual report Dr. Page has resigned his position as assistant physician here, to accept the office of superintendent of the Hospital Cottages for Children at Baldwinville. I desire to record my appreciation of the faithful and efficient service rendered by Dr. Page while connected with this institution. Dr. Thomas Howell, who filled a tem-

porary appointment here last summer, has been engaged as assistant physician. To officers and employees I desire to give thanks for the faithful performance of duty, which has rendered easier the administration of hospital affairs.

Weekly entertainments have been furnished in the chapel. Games of various kinds have enlivened the evenings in the wards. Attendance at the circus, electric car rides and picnics have all contributed to relieve the monotony of asylum existence. Sunday service has been held as usual.

We are again indebted to the publishers of the "Worcester Evening Gazette" for a copy of their paper, and the Hospital Newspaper Society has kindly remembered us with books, magazines and papers. Other friends have contributed miscellaneous reading matter.

E. V. SCRIBNER,
Superintendent.

REVISED TABLES

FOR

UNIFORM STATISTICS

IN THE

MASSACHUSETTS HOSPITALS AND ASYLUMS
FOR THE INSANE.

APPROVED BY THE STATE BOARD OF LUNACY AND CHARITY,
MARCH 10, 1891.

1. — General Statistics of the Year.

	INSANE.			HABITUAL DRUNKARDS.			VOLUNTARY PATIENTS.			AGGREGATES.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Patients in asylum Oct. 1, 1898,	206	213	419	-	-	-	206	213	419	-	-	-
Admitted within the year,	26	48	74	-	-	-	26	48	74	-	-	-
Whole number of cases within the year,	232	261	493	-	-	-	232	261	493	-	-	-
Discharged within the year,	16	16	32	-	-	-	16	16	32	-	-	-
Viz.: as recovered,	1	1	2	-	-	-	1	1	2	-	-	-
as much improved,	-	-	-	-	-	-	-	-	-	-	-	-
as improved,	-	2	2	-	-	-	-	2	2	-	-	-
as not improved,	-	1	1	-	-	-	-	1	1	-	-	-
as not insane,	-	-	-	-	-	-	-	-	-	-	-	-
Deaths,	15	12	27	-	-	-	15	12	27	-	-	-
Patients remaining Sept. 30, 1899,	216	245	461	-	-	-	216	245	461	-	-	-
Viz.: supported as State patients,	76	61	137	-	-	-	76	61	137	-	-	-
as town patients,	140	184	324	-	-	-	140	184	324	-	-	-
as private patients,	-	-	-	-	-	-	-	-	-	-	-	-
Number of different persons within the year,	232	261	493	-	-	-	232	261	493	-	-	-
Persons admitted,	26	48	74	-	-	-	26	48	74	-	-	-
Persons recovered,	1	1	2	-	-	-	1	1	2	-	-	-
Daily average number of patients,	207.88	225.93	433.81	-	-	-	207.88	225.93	433.81	-	-	-
Viz.: State patients,	67.07	55.98	123.05	-	-	-	67.07	55.98	123.05	-	-	-
town patients,	140.81	169.95	310.76	-	-	-	140.81	169.95	310.76	-	-	-

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.
1898.												
October,	-	-	-	2	2	4	2	2	4	205.58	211.87	417.45
November,	-	-	-	3	1	4	3	1	4	201.44	210.03	411.50
December,	-	11	11	-	1	1	-	1	1	201.00	218.19	419.19
1899.												
January,	-	1	1	1	3	4	1	2	3	200.64	218.58	419.22
February,	-	-	-	1	2	3	1	2	3	199.71	216.61	416.32
March,	5	-	5	1	-	1	1	-	1	199.00	216.00	415.00
April,	2	-	2	2	1	3	-	1	1	203.87	215.83	419.70
May,	16	6	22	2	1	3	2	1	3	217.10	219.93	437.03
June,	-	30	30	3	2	5	2	1	3	218.03	243.00	461.03
July,	-	-	-	2	2	4	2	-	2	214.70	248.00	462.70
August,	3	-	3	1	1	2	1	1	2	216.81	246.90	463.71
September,	-	-	-	-	2	2	-	1	1	216.00	245.83	461.83
Total of cases,	26	48	74	16	16	32	15	12	27	-	-	-
Total of persons,	26	48	74	16	16	32	15	12	27	-	-	-
Daily average,	-	-	-	-	-	-	-	-	-	207.88	225.93	433.81

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

NUMBER OF ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First (to this asylum), . . .	23	45	68	—	—	—
Second (to this asylum), . . .	3	3	6	—	—	—
Total of cases,	26	48	74	—	—	—
Total of persons,	26	48	74	—	—	—

4. — *Relations to Hospitals of Persons admitted.*

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Never before in any hospital for the insane, . . .	—	—	—
Former inmates of this asylum only,	—	—	—
Former inmates of other hospitals only,	23	45	68
Former inmates of this asylum and other hospitals,	3	3	6
Total of persons,	26	48	74

5. — *Parentage of Persons admitted.*

PLACES OF NATIVITY.	MALES.		FEMALES.		TOTALS.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Unknown,	26	26	48	48	74	74
Total,	26	26	48	48	74	74

6. — Residence of Persons admitted.

PLACES.	Males.	Females.	Totals.
Massachusetts:—			
Berkshire County,	1	-	1
Bristol County,	1	-	1
Essex County,	1	2	3
Franklin County,	-	1	1
Middlesex County,	5	19	24
Norfolk County,	1	-	1
Suffolk County,	15	18	33
Worcester County,	2	8	10
Totals,	26	48	74
Viz.:— cities and towns,	23	38	61
country districts,	3	10	13

7. — Civil Condition of Persons admitted.

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			UNKNOWN.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	15	27	42	6	13	19	2	5	7	-	-	-	23	45	68
Second,	3	2	5	-	1	1	-	-	-	-	-	-	3	3	6
Totals,	18	29	47	6	14	20	2	5	7	-	-	-	26	48	74

8. — Occupation of Persons Admitted.

MALES.

Barber,	1	Painters,	2
Bootblack,	1	Peddler,	1
Book-keeper,	1	Salesman,	1
Butcher,	1	Tailors,	2
Janitor,	1	None,	7
Laborers,	4	Unknown,	1
Letter carrier,	1		
Machinists,	2	Total,	26

FEMALES.

Bookbinder,	1	Tailoress,	1
Domestics,	17	None,	11
Housekeepers,	7	Unknown,	2
Housewives,	7		
Laundress,	1	Total,	48
Librarian,	1		

WIFE OR DAUGHTER OF—

Unknown,	48
Total,	48

9. — Probable Causes of Disease in Persons admitted.

CAUSES.	PATIENTS ADMITTED.						INSANE.						HABITUAL DRUNKARDS.						VOLUNTARY PATIENTS.								
	INSANE.			HABITUAL DRUNKARDS.			VOLUNTARY PATIENTS.			PREVIOUS ATTACKS.			HEREDITARY PRE- DISPOSITION.			PREVIOUS ATTACKS.			HEREDITARY PRE- DISPOSITION.			PREVIOUS ATTACKS.			HEREDITARY PRE- DISPOSITION.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
1. — Physical:—																											
Acute affection of brain,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Congenital, physical weakness,	—	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epilepsy,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epilepsy and fracture of skull,	8	4	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epilepsy and injury to head,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fever,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Intemperance,	—	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Injury,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ill health and epilepsy,	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
La grippe,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Menopause,	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Senility,	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unreciprocated love,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. — Mental:—																											
Family affliction,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hereditary,	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Overmental work,	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worry,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unknown,	11	23	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals,	26	48	74	—	—	—	—	—	—	—	—	—	3	11	14	2	8	10	—	—	—	—	—	—	—	—	—

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

AGES,	PERSONS FIRST ADMITTED TO ANY HOSPITAL.			PERSONS DIED.		
	AT FIRST ATTACK.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	-	-	-	-	-	-
15 years and less,	-	-	-	-	-	-
From 15 to 20 years,	-	-	-	-	-	-
20 to 25 years,	-	-	-	-	-	-
25 to 30 years,	-	-	-	-	-	-
30 to 35 years,	-	-	-	-	-	-
35 to 40 years,	-	-	-	-	-	-
40 to 50 years,	-	-	-	-	-	-
50 to 60 years,	-	-	-	-	-	-
60 to 70 years,	-	-	-	-	-	-
70 to 80 years,	-	-	-	-	-	-
Over 80 years,	-	-	-	-	-	-
Unknown,	-	-	-	-	-	-
Not insane,	-	-	-	-	-	-
Total of persons,	-	-	-	15	12	27
Mean ages,	-	-	-	20.38	35.12	27.64
				54.06	50.00	52.25

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

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	-	-	-	1	4	5	1	4	5
Under 1 month, . . .	-	-	-	-	1	1	-	1	1
From 1 to 3 months, .	-	-	-	-	-	-	-	-	-
3 to 6 months, .	-	-	-	-	1	1	-	1	1
6 to 12 months, .	-	-	-	-	2	2	-	2	2
1 to 2 years, . . .	-	-	-	2	5	7	2	5	7
2 to 5 years, . . .	-	-	-	1	10	11	1	10	11
5 to 10 years, . .	-	-	-	6	1	7	6	1	7
10 to 20 years, . .	-	-	-	5	8	13	5	8	13
Over 20 years,	-	-	-	3	6	9	3	6	9
Unknown,	-	-	-	8	10	18	8	10	18
Not insane,	-	-	-	-	-	-	-	-	-
Total of cases, . .	-	-	-	26	48	74	26	48	74
Total of persons, .	-	-	-	26	48	74	26	48	74
Average in years, .	-	-	-	8.56	8.70	8.65	8.56	8.70	8.65

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,	1	1	2	-	-	-	-	2	2	2	1	1	2	-	-	-	15	10	25	16	14	30
Second,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	2	2
Total of cases, ..	1	1	2	-	-	-	-	2	2	2	1	1	2	-	-	-	15	12	27	16	16	32
Total of persons, .	1	1	2	-	-	-	-	2	2	2	1	1	2	-	-	-	15	12	27	16	16	32

15.—Causes of Death.

CAUSES.	INSANE.			HABITUAL DRUNKARDS.			VOLUNTARY PATIENTS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system :—												
Apoplexy,	2	3	5	—	—	—	—	—	—	2	3	5
Epilepsy,	2	—	2	—	—	—	—	—	—	2	—	2
Respiratory system :—												
Broncho-pneumonia,	2	—	2	—	—	—	—	—	—	2	—	2
Phthisis,	4	3	7	—	—	—	—	—	—	4	3	7
Pneumonia,	1	1	2	—	—	—	—	—	—	1	1	2
Pulmonary odema,	1	—	1	—	—	—	—	—	—	1	—	1
Pulmonary infarction,	—	1	1	—	—	—	—	—	—	—	1	1
General :—												
Arteriosclerosis,	1	—	1	—	—	—	—	—	—	1	—	1
Cancer,	—	1	1	—	—	—	—	—	—	—	1	1
Exhaustion,	—	1	1	—	—	—	—	—	—	—	1	1
Heart disease,	—	2	2	—	—	—	—	—	—	—	2	2
La grippe,	1	—	1	—	—	—	—	—	—	1	—	1
Peritonitis,	1	—	1	—	—	—	—	—	—	1	—	1
Totals,	15	12	27	—	—	—	—	—	—	15	12	27

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.			WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane : —															
Congenital,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Under 1 month,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
From 1 to 3 months,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
3 to 6 months,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
6 to 12 months,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
1 to 2 years,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
2 to 5 years,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
5 to 10 years,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
10 to 20 years,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Over 20 years,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Unknown,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Totals,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Average of known cases (in years),	2	—	2	.41	2	1.20	2.41	—	2.41	2.41	2	2.20	.41	2	1.20
B. — Habitual drunkards,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
C. — Voluntary patients,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

18. — *Annual Admissions since the Opening of the Asylum, with the Discharges and Deaths within the Official Year, and the Number of Each Year's Admissions remaining Sept. 30, 1899.*

YEARS ENDING SEPT. 30.	ADMITTED.			NEW CASES (FIRST ADMISSION TO THIS ASYLUM).																			
	Males.	Females.	Totals.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.				
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.		
Previous years,	605	454	1,059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	12	
1891,	40	95	135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2
1892,	53	28	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	
1893,	39	30	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	
1894,	30	29	59	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	1	1	2	
1895,	19	20	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1896,	-	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1897,	24	11	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
1898,	-	19	19	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	1	1	2
1899,	23	45	68	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2
Totals,	833	751	1,584	1	1	2	-	-	2	2	4	-	-	-	-	-	-	-	-	15	10	25	

18. — Annual Admissions, etc. — Concluded.

YEARS ENDING SEPT. 30.	READMITTED CASES (READMISSIONS TO THIS ASYLUM).												REMAINING OF EACH YEAR'S ADMISSIONS, SEPT. 30, 1899.								
	ADMITTED.			DISCHARGED AND DIED IN 1898-99.						DIED.			Males.			Females.			Totals.		
	Males.	Females.	Totals.	RECOVERED.		MUCH IMPROVED.		IMPROVED.		NOT IMPROVED.		Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	
Previous years,	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	90	55	145		
1891,	2	28	30	-	-	-	-	-	-	-	-	-	-	-	-	-	18	57	75		
1892,	4	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	19	8	27		
1893,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	18	16	34		
1894,	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	30		
1895,	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	11	8	19		
1896,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11		
1897,	-	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	19	14	33		
1898,	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	17		
1899,	3	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-	25	45	70		
Totals,	13	46	59	-	-	-	-	-	-	-	-	-	-	-	-	-	216	245	461		

