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TWENTY-FIRST ANNUAL REPORT

OF THE

WORCESTER INSANE ASYLUM,

AT


WORCESTER,

FOR THE

YEAR ENDING SEPTEMBER 30, 1898.

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## OFFICERS OF THE ASYLUM.

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### TRUSTEES.

A. GEORGE BULLOCK, . . . . .	WORCESTER.
THOMAS H. GAGE, . . . . .	WORCESTER.
GEORGE W. WELLS, . . . . .	SOUTHBRIDGE.
ROCKWOOD HOAR, . . . . .	WORCESTER.
DAVID T. DICKINSON, . . . . .	CAMBRIDGE.
SARAH E. WHITIN, . . . . .	WHITINSVILLE.
FRANCES M. LINCOLN, . . . . .	WORCESTER.

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### RESIDENT OFFICERS.

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

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### NON-RESIDENT OFFICERS.

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



# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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

The trustees of the Worcester Insane Hospital, acting for the Worcester Insane Asylum, respectfully present the twenty-first annual report of this latter institution. The reports of the superintendent and treasurer are also appended.

For many years this institution has been greatly crowded. The extensive alterations and repairs which have for some time been in progress here have furnished greatly improved facilities for the care of patients, rendering possible an increased efficiency of service on the part of employees. Something has also been added to the actual capacity of the house. There are now 419 persons inmates of this asylum. With a present normal capacity somewhat above 400, it will be seen that no great excess of patients is now cared for. In the male department a few vacant rooms exist.

The standard of care has been constantly raised, and, so far as personal attention and the comfort and healthfulness of their surroundings is concerned, perhaps the majority of our patients were never better situated in their own homes. In this institution, caring as it does exclusively for the chronic insane, little is to be expected in the way of recoveries. It is a pleasure, however, to report that one man recovered during the year, and returned to the life of the community. We trust that this recovery may be permanent.

Considerable work of reconstruction and repair has been accomplished during the past year. In all this work special reference has been had to improvement in sanitation. Con-



sidering the advanced stage of mental disease in all our patients, together with the weakened power of resistance to physical ailments, the very small death rate of the year speaks favorably for the results achieved.

Among the more important changes of the year is the opening of a new bath room, where the rain bath is used in place of the ordinary tubs. A great gain in efficiency has been made, and the danger from accidental scalding would seem to be very materially diminished. Important advances have also been made in the improvement of the ward ventilation.

The report of the superintendent will show in more detail the operations of the institution, and indicates a year of successful hospital work.

Dr. Thomas Howell has been engaged to serve as assistant physician during the temporary absence of Dr. Page. No other change has occurred in the personnel of the staff.

A. GEORGE BULLOCK.  
THOMAS H. GAGE.  
GEORGE W. WELLS.  
ROCKWOOD HOAR.  
DAVID T. DICKINSON.  
SARAH E. WHITIN.  
FRANCES M. LINCOLN.

WORCESTER, MASS., Oct. 1, 1898.

## OFFICERS AND THEIR SALARIES.

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ERNEST V. SCRIBNER, M.D., <i>Superintendent</i> , . . . . .	\$2,500 00
HARTSTEIN W. PAGE, M.D., <i>Assistant Physician</i> , . . . . .	1,300 00
THOMAS HOWELL, M.D., <i>Assistant Physician</i> , . . . . .	1,600 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
MARIAN D. CUDWORTH, <i>Clerk</i> , . . . . .	600 00
WILLIAM SHERMAN, <i>Engineer</i> , . . . . .	1,000 00

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## VALUE OF STOCK AND SUPPLIES.

Oct. 1, 1898.

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Live stock, . . . . .	\$250 00
Produce of the garden on hand, . . . . .	857 50
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, . . . . .	2,924 81
Dry goods, . . . . .	763 21
Provisions and groceries, . . . . .	1,461 63
Drugs and medicines, . . . . .	375 00
Fuel, . . . . .	3,500 00
Library, . . . . .	600 00
Other supplies undistributed, . . . . .	1,695 73
	\$43,927 88

## TREASURER'S REPORT.

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

I herewith submit my twenty-first annual report on the finances of the Worcester Insane Asylum for the year ending Sept. 30, 1898.

### RECEIPTS.

Cash on hand Sept. 30, 1897:—

Cash belonging to the asylum, . . . . .	\$12,575 65	
Deposits of inmates, . . . . .	1,232 43	
		\$13,808 08
Amounts received:—		
From the Commonwealth for support of patients, . . . . .	\$17,804 53	
From cities and towns for support of patients, . . . . .	55,581 96	
From other sources, . . . . .	750 28	
From patients, . . . . .	128 84	
		74,265 61
		\$88,073 69

The expenditures for the year have been as follows:—

Salaries and wages, . . . . .		\$23,801 92
Provisions and supplies:—		
Meat of all kinds, . . . . .	\$2,852 69	
Fish of all kinds, . . . . .	661 30	
Fruit and vegetables, . . . . .	2,634 78	
Flour, . . . . .	4,041 92	
Meal for table, . . . . .	43 28	
Hay and grain, . . . . .	463 32	
Tea and coffee, . . . . .	581 45	
Sugar and molasses, . . . . .	1,075 55	
Milk, butter and cheese, . . . . .	6,584 06	
Salt and other groceries, . . . . .	316 50	
All other provisions, . . . . .	2,053 26	
		21,308 11
Clothing and material, . . . . .	\$4,399 19	
Fuel, . . . . .	4,427 77	
Lights, . . . . .	1,053 40	
<i>Amounts carried forward,</i> . . . . .	\$9,880 36	\$45,110 03

<i>Amounts brought forward,</i> . . . . .	\$9,880 36	\$45,110 03
Medicine and medical supplies, . . . . .	226 66	
Furniture and furnishings, . . . . .	1,577 56	
Crockery, . . . . .	114 03	
Beds and bedding, . . . . .	349 08	
Transportation, . . . . .	335 35	
Travelling, . . . . .	60 00	
Trustees' expenses, . . . . .	20 92	
Soap, . . . . .	677 43	
Water, . . . . .	284 64	
Stationery, . . . . .	80 52	
Undertaking, . . . . .	102 00	
Repairs (ordinary), . . . . .	6,287 12	
All other current expenses, . . . . .	1,976 55	
	<hr/>	21,972 22
Total current expenses, . . . . .		\$67,082 25
Repairs and improvements (extraordinary), . . . . .	\$12,000 00	
Refunded inmates (on deposits), . . . . .	84 82	
	<hr/>	12,084 82
Total amount expended, . . . . .		\$79,167 07
Cash on hand Sept. 30, 1898, . . . . .		8,906 62
		<hr/>
		\$88,073 69

## RESOURCES.

Cash on hand, . . . . .	\$8,906 62	
Due from Commonwealth for support, . . . . .	4,570 43	
Due from cities and towns, . . . . .	13,545 28	
	<hr/>	\$27,022 33

## LIABILITIES.

Due for supplies and expenses, . . . . .	\$2,279 84	
for salaries and wages, . . . . .	2,077 75	
inmates (cash on deposits), . . . . .	1,276 45	
	<hr/>	5,634 04
Total surplus, . . . . .		\$21,388 29

Respectfully submitted,

ALBERT WOOD,

*Treasurer.*

WORCESTER, MASS., Oct. 1, 1898.

WORCESTER, MASS., Oct. 24, 1898.

The undersigned has this day carefully compared the treasurer's statement of expenditures for the year ending Sept. 30, 1898, 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.

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

I herewith present to your board the twenty-first annual report of the superintendent of the Worcester Insane Asylum.

At the beginning of the official year there were 435 persons inmates of this asylum, — 217 men and 218 women. There have been admitted 1 man and 21 women, making a total of 457 cases under treatment, — 218 men and 239 women. There have been discharged 17 persons, — 6 men and 11 women, and 6 men and 15 women have died, — a total of discharges and deaths of 38 persons, leaving 206 men and 213 women — 419 patients — in the asylum at the close of the official year. Of those discharged, 1 man recovered, 1 woman was much improved and 5 men and 10 women were unimproved. Of these cases, 4 men and 8 women were transferred to the Hospital for Epileptics at Palmer, 1 woman was transferred to the Westborough Insane Hospital, 1 man was transferred to the Boston Insane Hospital, and 1 woman escaped and was never returned, leaving but 2 cases of genuine discharge to the community. No patient has been removed for the purpose of boarding out or for transfer to an almshouse. Of those admitted, the majority were in poor physical condition. While dementia predominated, many were excited, violent and destructive, adding appreciably to the necessary restraint. Nearly one-half required single rooms. A continued influx of this noisy, turbulent and destructive class, necessitating so much greater care and watchfulness, must in time involve an increase of ratio in the number of nurses employed. Intelligent supervision is specially demanded for these cases, because not all are utterly intractable,

some yielding to continued attention and care, becoming more quiet and comfortable, some even becoming valuable assistants in the ward work. From the deeply demented little is to be expected.

During the year 12 epileptics were removed from this institution to the Hospital for Epileptics at Palmer. This transfer afforded us no special relief from this class, as none but the mildest and most tractable cases were taken, leaving the excited, violent and dangerous — the most difficult to manage — to still be cared for here. There now remain in this institution 22 epileptics. Of this number, in the great majority the seizures are frequent and often attended with intense excitement, noise and violence predominating. In none does a hope of cure exist. Some slight amelioration of condition may occur in a very few cases, but in by far the greater number there is little to hope for. The epileptics form one of the most difficult and dangerous classes to deal with that is found in an institution.

For many years the institution has not been so free from crowding as now. With the gradual expansion and increase of facilities an appreciably greater number of patients could be cared for with slight discomfort. This is particularly true of the male department.

In considering the probable causes of disease in the cases admitted, it is of interest to note that in 68 per cent. the cause was unknown. These unknown cases seem often to embrace the more hopeless forms of insanity. In the majority there is little doubt that a faulty inheritance played a most important part as a causative factor, and, if the full history were known, the numbers ascribed to heredity would be largely increased. It is also interesting to note how many of these unknown cases come from the large centres of population, serving to emphasize what I have before called attention to, — the increasing incurability of the insanity of the cities. There congregate the defective classes, and there they may best be studied. The degenerate turns to the cities with almost a homing instinct. The insanity and the criminality of these classes are too often but the expression of some ancestral taint. The investigation of the causes of insanity is a most profitable field of effort, and, as prevention is always better than cure, promises quite as im-

portant results to posterity as any line of observation bearing upon this subject.

I am pleased to report one case of recovery. The patient — a man — was an inmate of this institution for more than five years. During his residence here he was somewhat irritable at times, but in the main was quiet, and made a quite constant gain in mental strength. This was an alcoholic case, and if the craving for intoxicants does not resume mastery with his return to the ordinary life of the community, the prospect for a final recovery seems fairly good. As this man has a son, to whose home he went and under whose care he will be, the likelihood of a relapse is greatly lessened. Cases of recovery in patients of this class are specially cheering, and should serve to encourage to renewed effort. The distinction between acute and chronic cases is sometimes more artificial than real. While it is true that the prospect of recovery diminishes with each succeeding year, each case should be considered in itself.

The course of instruction to attendants has been continued. The good results of this instruction have been most marked among the female nurses, and among them the greatest interest has been shown. The changes among the male attendants have been more frequent, and the material not always of the best. A special effort, however, has been made to impress upon them a clearer understanding of their duty, and to thus fit them for its more intelligent performance. The more inexperienced the individual, the greater profit will there be in his instruction. Since a more intelligent service is now demanded from the hospital attendant, no effort should be spared to extend the horizon of his knowledge and to more fully fit him for the duties of his position.

*Ratio of Deaths from the Opening of the Asylum to Oct. 1, 1898.*

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	4.97

The general health of the house has been good. No case of contagious disease has appeared among patients or employees, and but little acute disease of any kind has been present. The deaths have been chiefly due to chronic causes. Among the causes of death, phthisis, senility and apoplexy lead, in the order named. Phthisis has always been responsible for the greatest mortality. An examination of the statistical tables for the past twenty-one years shows that phthisis has been the cause of death in about one-third of all the cases, and that this ratio is fairly constant throughout the years. In my last annual report I called attention to the fact that the death rate was then the lowest at any time during the history of the institution. The past year has shown a still further diminution in this ratio. The operation of natural laws will doubtless forbid a long continuance of this condition of affairs, and an increase of mortality is to be expected. This continued low death rate would seem to indicate that sanitary conditions are correct, and that only



causes peculiar to the individual were operating to produce a fatal result.

Considerable work of repair and reconstruction has been accomplished during the year. The new water-closet and bathroom section of the north Johonnot wards has been completed and in use for some months. The completion of this work has afforded great relief to these wards and has greatly increased the facilities for caring for the patients. The operation of the rain bath is specially satisfactory, demonstrating, to my mind, the utter unfitness of the ordinary bath-tubs for this class of patients. The labor of the bath is greatly expedited, and the operation is far more efficiently performed. The saving of time alone is a matter of the greatest importance, and appreciably increases the efficiency of our nurses. The danger from scalding would also seem to be greatly diminished. Last, but not least, the patients like it. I should recommend the installation of these baths in the other wards of the institution, particularly in the male department.

In accordance with my recommendation of last year, galvanized-iron pipes have been attached, in the attic of the south Johonnot wards, to a portion of the ventilation flues communicating with the rooms and corridors below, the whole being brought together in one large exit flue, provided with steam radiation as a lifting power. The operation of this system has been most satisfactory, and, when extended to include the whole building, cannot fail to be of great value. The importance of pure air, though often dwelt upon, can never be overestimated. The limitation of this work has been wholly for financial reasons, and I should recommend its extension at such early date as it may be possible.

A new circular bay window has been added to the north wing. The increase of light and cheer has exceeded my anticipation, and has practically transformed these wards into the brightest and most attractive in the institution. The success of this feature of construction has been so marked that the work is being duplicated, to a certain extent, in connection with the south wings. The work in this latter place, however, has been of a much more extensive nature. Not only has a bay window been added, but a high bank wall has been removed,

and with some excavation a large, bright and airy room has been constructed, facing the sun. This room, with proper subdivision, can be utilized for a great variety of purposes, furnishing much-needed work rooms and possibly dining facilities. This addition has been roofed in, and the completion of the interior will be accomplished during the coming winter. In prosecuting this work the opportunity will be taken to extend and improve the ward ventilation. A new laboratory and work room is approaching completion, and will furnish facilities for furthering scientific investigation.

Among the other changes of the year, a new brick oven has been built in the bakery. The old oven has been in continuous use for many years, and was beginning to need considerable repair. It seemed advisable to build anew. The type of construction was changed, resulting in an increased efficiency and a greater economy of fuel. The water section of the administration building has been reconstructed and modern plumbing installed.

During a considerable portion of the year two extra men have been employed to take patients out to work. We have been somewhat handicapped by the fact that few of our inmates have sufficient mental capacity to intelligently apply themselves, save under somewhat close supervision. Under the direction of these two men, however, much valuable work has been accomplished. A large amount of excavating has been done in connection with the reconstruction of the south wing, the grounds have been cared for, and considerable grading and filling has been done. Profitable labor has always been found in excess. Mattress making, chair seating, floor scraping and the general domestic duties of the wards have occupied the attention of our patients, with benefit to themselves and to the institution.

Dr. Page having been granted special leave of absence by your Board, Dr. Thomas Howell has been engaged to serve until his return. Dr. Howell having had previous hospital experience, came well equipped for his work.

To all the officers of the institution I am indebted for a most cordial co-operation and faithful performance of their duties. The employees, in the main, have rendered efficient service.

During the winter weekly entertainments have been given in the chapel. To very many of our patients these have afforded great enjoyment and satisfaction. The usual religious services have been held.

The publishers of the Worcester "Evening Gazette" have again contributed a copy of their paper, and the Hospital Newspaper Society, the Young People's Society of Piedmont Church and other friends have kindly given books and papers.

E. V. SCRIBNER,

*Superintendent.*

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REVISED TABLES

FOR

UNIFORM STATISTICS

IN THE

MASSACHUSETTS HOSPITALS AND ASYLUMS  
FOR THE INSANE.

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

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I. — 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, 1897, . . . . .	217	218	435	-	-	-	-	-	-	217	218	435
Admitted within the year, . . . . .	1	21	22	-	-	-	-	-	-	1	21	22
Whole number of cases within the year, . . . . .	218	239	457	-	-	-	-	-	-	218	239	457
Discharged within the year, . . . . .	12	26	38	-	-	-	-	-	-	12	26	38
Viz.: as recovered, . . . . .	1	-	1	-	-	-	-	-	-	1	-	1
as much improved, . . . . .	1	1	2	-	-	-	-	-	-	1	1	2
as not improved, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-
as not insane, . . . . .	5	10	15	-	-	-	-	-	-	5	10	15
Deaths, . . . . .	6	15	21	-	-	-	-	-	-	6	15	21
Patients remaining Sept. 30, 1898, . . . . .	206	213	419	-	-	-	-	-	-	206	213	419
Viz.: supported as State patients, . . . . .	55	52	107	-	-	-	-	-	-	55	52	107
as town patients, . . . . .	151	161	312	-	-	-	-	-	-	151	161	312
as private patients, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-
Number of different persons within the year, . . . . .	217	239	456	-	-	-	-	-	-	217	239	456
Persons admitted, . . . . .	1	21	22	-	-	-	-	-	-	1	21	22
Persons recovered, . . . . .	1	-	1	-	-	-	-	-	-	1	-	1
Daily average number of patients, . . . . .	211.57	216.59	428.16	-	-	-	-	-	-	211.57	216.59	428.16
Viz.: State patients, . . . . .	55.31	49.53	104.84	-	-	-	-	-	-	55.31	49.53	104.84
town patients, . . . . .	156.26	167.06	323.32	-	-	-	-	-	-	156.26	167.06	323.32

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>1897.</b>												
October, . . . . .	—	—	—	—	—	—	—	—	—	217.00	217.65	434.65
November, . . . . .	—	—	—	1	1	2	1	1	2	216.70	217.83	434.03
December, . . . . .	—	6	6	2	2	4	1	1	3	214.23	219.26	433.48
<b>1898.</b>												
January, . . . . .	—	—	—	—	1	1	—	1	1	214.00	220.23	434.23
February, . . . . .	—	—	—	2	2	4	2	2	4	214.00	219.00	433.00
March, . . . . .	—	—	—	2	1	3	2	1	3	213.03	217.71	430.74
April, . . . . .	—	—	—	—	1	1	—	—	—	212.00	216.00	428.00
May, . . . . .	—	—	—	6	9	15	1	1	2	210.68	214.84	425.52
June, . . . . .	1	15	16	—	1	1	—	1	1	206.53	206.10	412.63
July, . . . . .	—	—	—	—	3	3	—	3	3	207.00	218.68	425.68
August, . . . . .	—	—	—	—	1	1	—	1	1	207.00	216.97	423.97
September, . . . . .	—	—	—	1	4	5	—	3	3	206.73	215.10	421.83
Total of cases, . . . . .	1	21	22	12	26	38	6	15	21	—	—	—
Total of persons, . . . . .	1	21	22	12	26	38	6	15	21	—	—	—
Daily average, . . . . .	—	—	—	—	—	—	—	—	—	211.57	216.59	428.16

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

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First (to this asylum), . . . . .	—	19	19	—	—	—
Second (to this asylum), . . . . .	1	2	3	—	—	—
Total of cases, . . . . .	1	21	22	—	—	—
Total of persons, . . . . .	1	21	22	—	—	—

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, . . . . .	—	19	19
Former inmates of this asylum and other hospitals, . . . . .	1	2	3
Total of persons, . . . . .	1	21	22

5. — *Parentage of Persons admitted.*

PLACES OF NATIVITY.	MALES.		FEMALES.		TOTALS.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Unknown, . . . . .	1	1	21	21	22	22
Total, . . . . .	1	1	21	21	22	22



## 6. — Residence of Persons admitted.

PLACES.	Males.	Females.	Totals.
Massachusetts: —			
Suffolk County, . . . . .	1	6	7
Norfolk County, . . . . .	-	2	2
Worcester County, . . . . .	-	12	12
Middlesex County, . . . . .	-	1	1
Totals, . . . . .	1	21	22
Viz.: cities and towns, . . . . .	1	21	22
country districts, . . . . .	-	-	-

## 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, . . . . .	-	7	7	-	10	10	-	2	2	-	-	-	-	19	19
Second, . . . . .	1	-	1	-	1	1	-	1	1	-	-	-	1	2	3
Totals, . . . . .	1	7	8	-	11	11	-	3	3	-	-	-	1	21	22

## 8. — Occupation of Persons admitted.

MALES.	
Brass finisher, . . . . .	1
Total, . . . . .	1
FEMALES.	
Housewives, . . . . .	11
Domestics, . . . . .	4
Seamstresses, . . . . .	1
No occupation, . . . . .	5
Total, . . . . .	21
WIFE OR DAUGHTER OF —	
Unknown, . . . . .	21
Total, . . . . .	21

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-POSITION.			PREVIOUS ATTACKS.			HEREDITARY PRE-POSITION.			PREVIOUS ATTACKS.			HEREDITARY PRE-POSITION.		
	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: —																											
Overwork and anxiety,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senility and poverty,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Childbirth, . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intemperance, . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hereditary ill health,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. — Mental: —																											
Anxiety, . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Religious excitement,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown, . . .	1	14	15	-	-	-	-	-	-	-	-	-	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Totals, . . .	1	21	22	-	-	-	-	-	-	-	-	-	2	2	1	1	1	2	-	-	-	-	-	-	-	-	-



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

AGES.	PERSONS FIRST ADMITTED TO ANY HOSPITAL.			PERSONS DIED.		
	AT FIRST ATTACK.			AT FIRST ATTACK.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	-	-	-	-	-	-
15 years and less,	-	-	-	-	-	-
From 15 to 20 years,	-	-	-	-	-	-
20 to 25 years,	-	-	-	2	1	3
25 to 30 years,	-	-	-	1	1	2
30 to 35 years,	-	-	-	-	-	-
35 to 40 years,	-	-	-	1	1	2
40 to 50 years,	-	-	-	2	4	6
50 to 60 years,	-	-	-	-	2	2
60 to 70 years,	-	-	-	-	3	3
70 to 80 years,	-	-	-	-	-	-
Over 80 years,	-	-	-	-	1	1
Unknown,	-	-	-	-	-	-
Not insane,	-	-	-	-	-	-
Total of persons,	-	-	-	6	15	21
Mean ages,	-	-	-	30.03	40.03	37.48
				50.00	49.60	49.74

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, . . .	-	-	-	-	-	-	-	-	-
Under 1 month, . .	-	-	-	-	-	-	-	-	-
From 1 to 3 months, .	-	-	-	-	-	-	-	-	-
3 to 6 months, .	-	-	-	-	-	-	-	-	-
6 to 12 months, .	-	-	-	-	-	-	-	-	-
1 to 2 years, .	-	-	-	-	4	4	-	4	4
2 to 5 years, .	-	-	-	-	10	10	-	10	10
5 to 10 years, .	-	-	-	1	2	3	1	2	3
10 to 20 years, .	-	-	-	-	2	2	-	2	2
Over 20 years, . .	-	-	-	-	1	1	-	1	1
Unknown, . . .	-	-	-	-	2	2	-	2	2
Not insane, . . .	-	-	-	-	-	-	-	-	-
Total of cases, .	-	-	-	1	21	22	1	21	22
Total of persons, .	-	-	-	1	21	22	1	21	22
Average in years, .	-	-	-	9	5.40	5.80	9	5.40	5.80



## 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	-	1	1	-	-	-	5	8	13	-	-	-	5	15	20	11	24	35
Second, . . . . .	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	1	-	1	2	1	3
Total of cases, . . . . .	1	-	1	-	1	1	-	-	-	5	10	15	-	-	-	6	15	21	13	25	38
Total of persons, . . . . .	1	-	1	-	1	1	-	-	-	5	10	15	-	-	-	6	15	21	13	25	38

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 : —												
Exhaustion of chronic dementia,	—	1	1	—	—	—	—	—	—	—	1	1
Exhaustion of chronic melancholia,	—	1	1	—	—	—	—	—	—	—	1	1
Epilepsy,	—	1	1	—	—	—	—	—	—	—	1	1
Apoplexy,	2	1	3	—	—	—	—	—	—	2	1	3
Paresis,	—	1	1	—	—	—	—	—	—	—	1	1
Respiratory system : —												
Phthisis,	2	4	6	—	—	—	—	—	—	2	4	6
Pneumonia,	—	2	2	—	—	—	—	—	—	—	2	2
General : —												
Heart disease,	2	—	2	—	—	—	—	—	—	2	—	2
Senility,	—	4	4	—	—	—	—	—	—	—	4	4
Totals,	6	15	21	—	—	—	—	—	—	6	15	21









18. — Annual Admissions, etc. — Concluded.

YEARS ENDING SEPT. 30.	READMITTED CASES (READMISSIONS TO THIS ASYLUM).												REMAINING OF EACH YEAR'S ADMISSIONS, SEPT. 30, 1898.					
	ADMITTED.			DISCHARGED AND DIED IN 1897-98.						NOT IMPROVED.			DIED.					
	Males.	Females.	Totals.	RECOVERED.		MUCH IMPROVED.		IMPROVED.		Males.		Females.		Totals.		Males.	Females.	Totals.
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			
Previous years, . . . . .	1	2	3	-	-	-	-	-	-	-	-	-	-	-	89	58	147	
1890, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	1	12	
1891, . . . . .	2	28	30	-	-	-	-	-	-	-	-	-	-	-	18	59	77	
1892, . . . . .	4	3	7	-	-	-	-	-	-	-	-	-	-	-	21	8	29	
1893, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	19	18	37	
1894, . . . . .	-	2	2	-	-	-	-	-	-	-	-	-	-	-	16	17	33	
1895, . . . . .	1	1	2	-	-	-	-	-	-	-	-	-	-	-	11	8	19	
1896, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	
1897, . . . . .	-	5	5	-	-	-	-	-	-	-	-	-	-	-	20	14	34	
1898, . . . . .	1	2	3	-	-	-	-	-	-	-	-	-	-	-	1	19	20	
Totals, . . . . .	10	43	53	-	-	-	-	-	-	-	-	-	-	206	213	419		

19. — Relapsed Cases admitted in Each Year and discharged in 1897-98.

YEARS ENDING SEPT. 30.	CASES PREVIOUSLY RECOVERED IN THIS ASYLUM.															REMAINING SEPT. 30, 1898.					
	ADMITTED.			DISCHARGED AND DIED IN 1897-98.									DIED.			Males.	Females.	Totals.			
	Males.	Females.	Totals.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			Males.	Females.	Totals.			
Previous years, . . . . .																					
1890, . . . . .																					
1891, . . . . .																					
1892, . . . . .																					
1893, . . . . .																					
1894, . . . . .																					
1895, . . . . .																					
1896, . . . . .																					
1897, . . . . .																					
1898, . . . . .																					
Totals, . . . . .																					

B.

















