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A

TWENTIETH ANNUAL REPORT

OF THE

WORCESTER INSANE ASYLUM,

AT

WORCESTER,

FOR THE

YEAR ENDING SEPTEMBER 30, 1897.

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OFFICERS OF THE ASYLUM.

TRUSTEES.

FRANCES M. LINCOLN,	WORCESTER.
A. GEORGE BULLOCK,	WORCESTER.
THOMAS H. GAGE,	. . . . .	WORCESTER.
HENRY S. NOURSE,	. . . . .	LANCASTER.
ROCKWOOD HOAR,	. . . . .	WORCESTER.
FRANCIS C. LOWELL,	. . . . .	BOSTON.
SARAH E. WHITIN,	. . . . .	WHITINSVILLE.

RESIDENT OFFICERS.

ERNEST V. SCRIBNER, M.D.,	. . . . .	<i>Superintendent.</i>
HARTSTEIN W. PAGE, 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>
MARIAN D. CUDWORTH,	. . . . .	<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 Lunatic Hospital, in charge of the Worcester Insane Asylum, respectfully submit their twentieth annual report, together with the reports of the superintendent and treasurer.

The whole institution is in admirable order and is well managed. The repairs and improvements which have been going on for many years have been continued, and the asylum is now as bright and homelike as any institution in the State. The patients are well cared for and as happy as their condition will allow. Systematic instruction has been given for six months to the female attendants, in general nursing, the care of the wards as well as of the patients, proper ventilation and sunlight, and special instruction in the care of the insane. The same thing has now been started for the male attendants. This cannot fail to be of great use to the asylum. The character of the work in the wards already seems better for this instruction. The average number of patients for the past year has been 438.

The trustees have again been importuned to sell part of the garden lot. This land was set aside for the use of the asylum when the hospital was moved to its present location. It is of too great value to the asylum to be parted with, and the trustees refused to consider the matter.

Superintendent, officers and employees have been faithful in discharge of their duties, and merit the gratitude of the trustees.

FRANCES M. LINCOLN.
A. GEORGE BULLOCK.
THOMAS H. GAGE.
HENRY S. NOURSE.
ROCKWOOD HOAR.
FRANCIS C. LOWELL.
SARAH E. WHITIN.

OFFICERS AND THEIR SALARIES.

ERNEST V. SCRIBNER, M.D., <i>Superintendent</i> ,	\$2,500 00
HARTSTEIN W. PAGE, M.D., <i>Assistant Physician</i> ,	1,300 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

VALUE OF STOCK AND SUPPLIES.

Oct. 1, 1897.

Live stock,	\$275 00
Produce of the garden on hand,	913 50
Carriages and agricultural implements,	600 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,	2,551 66
Dry goods,	765 21
Provisions and groceries,	1,362 74
Drugs and medicines,	425 00
Fuel,	2,800 00
Library,	600 00
Other supplies undistributed,	1,548 41
	\$42,841 52

TREASURER'S REPORT.

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

I herewith submit my twentieth annual report on the finances of the Worcester Insane Asylum for the year ending Sept. 30, 1897.

RECEIPTS.

Cash on hand Sept. 30, 1896:—		
Cash belonging to the asylum,	\$7,183 77	
Deposits of inmates,	1,174 56	
	\$8,358 33	
Amounts received:—		
From the Commonwealth for support of patients,	\$18,691 32	
From cities and towns for support of patients,	54,700 90	
From other sources,	883 81	
From inmates,	144 85	
	74,420 88	
	\$82,779 21	

The expenditures for the year have been as follows:—

Salaries and wages,	\$23,167 08	
Provisions and supplies:—		
Meat of all kinds,	\$2,478 75	
Fish of all kinds,	621 97	
Fruit and vegetables,	1,806 95	
Flour,	2,192 84	
Meal for table,	44 20	
Hay and grain,	303 94	
Tea and coffee,	571 70	
Sugar and molasses,	1,187 95	
Milk, butter and cheese,	6,418 00	
Salt and other groceries,	369 76	
All other provisions,	1,876 36	
	17,872 42	
Clothing and material,	\$5,896 23	
Fuel,	3,741 63	
Lights,	1,084 24	
	\$10,722 10	
<i>Amounts carried forward,</i>	\$41,039 50	

<i>Amounts brought forward,</i>	\$10,722 10	\$41,039 50
Medicine and medical supplies,	394 92	
Furniture and furnishings,	1,388 42	
Crockery,	181 93	
Beds and bedding,	849 03	
Transportation,	69 89	
Travelling,	133 42	
Trustees' expenses,	19 93	
Soap,	580 42	
Water,	537 01	
Stationery,	111 38	
Undertaking,	155 00	
Repairs (ordinary),	9,400 33	
All other current expenses,	3,300 87	
	<hr/>	27,844 65
Total current expenses,		\$68,884 15
Refunded inmates (on deposits),		86 98
		<hr/>
Total amount expended,		\$68,971 13
Cash on hand Sept. 30, 1897,		13,808 08
		<hr/>
		\$82,779 21

RESOURCES.

Cash on hand,	\$13,808 08	
Due from Commonwealth for support,	4,575 07	
Due from cities and towns for support,	14,228 94	
	<hr/>	\$32,612 09

LIABILITIES.

Due for supplies and expenses,	\$3,960 04	
for salaries and wages,	1,927 67	
inmates (cash on deposits),	1,232 43	
	<hr/>	7,120 14
Total surplus,		\$25,491 95

Respectfully submitted,

ALBERT WOOD,

Treasurer.

WORCESTER, MASS., Oct. 1, 1897.

WORCESTER, MASS., Oct. 25, 1897.

The undersigned has this day carefully compared the treasurer's statement of expenditures for the year ending Sept. 30, 1897, 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 Lunatic Hospital, acting for the Worcester Insane Asylum.

I respectfully present for your consideration the twentieth annual report of the superintendent of this institution.

At the beginning of the present official year 207 men and 218 women — a total of 425 persons — were inmates of this institution. During the year 24 men and 16 women have been admitted by transfer from other institutions, making a grand total of 465 different persons under treatment, — 231 men and 234 women. There have been discharged 3 men and 1 woman, and 11 men and 15 women have died. Of those discharged, 1 man went home, 1 man was taken by the overseers of poor to be cared for at their local almshouse, 1 man was transferred to the Boston Insane Hospital, and 1 woman, having been on visit, was allowed to remain with her friends. The woman was improved, the three men were all unimproved. The daily average number of patients has been 438.14. While our average number has been a trifle larger than that of last year, the movement of population has been small, 40 patients having been received and but 26 discharged for all causes.

In over 10 per cent. of those admitted the cause of mental disease was unknown. Of the known cases, nearly 27 per cent. became insane from the effects of intemperance, about 14 per cent. from epilepsy and over 17 per cent. from heredity. These three causes are among the most important factors in the filling of our asylums, not to mention the jails and almshouses. I doubt not that alcohol plays a more important part even than statistics show, as the influence of intemperance is not exerted upon the individual alone, but upon posterity as well, producing degenerate offspring, with a long train of defective mental states. Fortunately, degeneracy tends towards early extinction. The average duration of disease before admission here was 13.85 years.

Ratio of Deaths from the Opening of the Asylum to Oct. 1, 1897.

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	8.55	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

The death rate for the past year has been extraordinarily low, the lowest since the opening of the institution. The improved physical condition of those admitted has doubtless been a contributing factor to this result, though perhaps it has also been in some measure accidental. A large average death rate is to be expected among the chronic insane, because of the exhausting nature of their disease. A succession of years with few deaths would naturally be followed by some period of greatly increased mortality. An examination of the accompanying table shows that this period of increased death-rate has occurred at an interval of ten years. It can hardly be presumed that future observation would establish this period with any special accuracy, save that a series of years must elapse.

Several cases of mumps occurred among the employees, and a few patients were attacked. Prompt isolation limited the extension of the disease, and no serious results followed. No other contagious disease has visited the institution, and little acute disease of any kind has occurred.

Among the more important advances in medicine is the increased appreciation of the value of trained nursing. The spheres of the nurse and of the physician are by no means identical, though always interdependent. The best results are to be obtained by the combined effort of both. In no department of medicine is the trained nurse of greater value than in the care of the insane, — a fact that is gaining fuller recognition than formerly, both from the profession and from the community as well. In ordinary illness the efforts of the nurse are in large measure supplemented by those of the patient, while the sufferer from mental disease too often shows an antagonism to treatment which makes itself felt to the detriment of both. An early mistake in the popular mind was the failure to recognize insanity as the manifestation of disease. This idea dominated those caring for the mentally afflicted in early times, and too often resulted in the simple incarceration of the insane, without attempt at remedial treatment. The hospital attendant who does no more than stand between the patient and his personal liberty is more deserving of the name of jailer than that of nurse. On the other hand, with a fuller recognition of his duty, the nurse, by his training, being able to see and to feel that his patient is a sick man, needing attention and sympathy, is more likely to secure confidence and co-operation in turn, and the patient to regard his attendant as nurse rather than keeper. During the past year Dr. Page has given, before the attendants, special instruction in nursing, the good results of which are already manifest in the more intelligent care which is given to the patient, and the more intelligent assistance which is rendered to the physician. It is proposed to enlarge upon this instruction in such manner as experience may demonstrate to be advisable. Up to the present time the chief effort has been made with the female attendants, who, as a rule, are more receptive than men in matters of nursing. I believe, however, that an extension of systematic instruction among the male employees cannot fail to be followed by results well worthy of the effort. The immediate value of good nursing is, of course, more readily manifest in acute cases, but increased personal attention can accomplish much in chronic disease.

The tendency of incurable mental disease is toward dementia. Hospital care prolongs the lives of the insane and causes them

to accumulate. The life of the individual being thus prolonged, greater time is given for the progress of the brain disease, and a deeper condition of dementia results. In many cases, it is true, a partial improvement takes place into a more comfortable condition. In the majority the lengthening of the span of life only affords time for a more profound degenerative change. When this change has become evident, hope for recovery is slight. It is to arrest this degenerative change that all our efforts should be directed. The occasional recoveries from a condition of apparently hopeless dementia show the necessity for a close and constant attention to every case. When disease, however, has progressed to the actual destruction of brain tissue, it is folly to expect that medicine or medical attention can secure a complete return to health. An arrest of progressive change or an amelioration of symptoms is the most to be hoped for. The careful study of mental disease cannot fail to be of direct profit, even in those cases where the immediate benefit to the individual is apparently small, by enabling us to more clearly establish the conditions favorable to mental degeneracy, rendering their avoidance possible. Work has been begun in arranging the new laboratory, which will furnish better opportunities for the investigation of disease, and facilitate more accurate observation.

With the end of the present official year the institution rounds out the second decade of its existence. Though comparatively a new corporation, the buildings which are occupied have been utilized for hospital purposes for very many years. The original structure, erected in 1832 and occupied in 1833, soon proved inadequate for the accommodation of the increasing numbers of the insane, and from time to time various enlargements and additions were made. For more than a generation the work of the Worcester Lunatic Hospital was successfully carried on here, and relief afforded to many thousands of patients. In 1877 the lunatic hospital, having outgrown the accommodations, removed to more modern and commodious quarters, and the State established here, to occupy the old buildings, a new institution whose province it should be to deal only with the chronic insane. This institution was opened for patients Oct. 23, 1877. With the opening of the new Worcester Hospital and the hospital at Danvers it was supposed that the

occupancy of the Worcester Asylum would be more or less of a temporary nature. Since that time, however, the Worcester and Danvers hospitals have been filled to overflowing, and the asylum has been crowded almost from the first, the daily average number for the twenty years being nearly 398. Since the opening of the institution 1,547 cases have been admitted as patients here, 50 of these being readmissions, leaving 1,497 different persons as having received treatment here. The capacity of the asylum not proving sufficient to receive the overflow from the various hospitals, the Medfield Asylum has been built to supplement the work. This latter institution is already filled to nearly or quite its capacity, and the time is close at hand, if not already here, when Massachusetts must begin to take steps for providing increased accommodations for its chronic insane, either by the erection of a new institution or the enlargement of those already existing.

Serious but unavoidable delay has been experienced in the completion of the water section of the north Johonnot wards, owing to the difficulty in securing the marble. The early completion of this work is now assured, however, and will afford greatly increased conveniences for that part of the house. A rain-bath apparatus, temporarily fitted up, has been in constant use for some months in the male department, and has proven highly satisfactory in its workings, even in its incomplete arrangement, entirely displacing the bath tub. Special satisfaction has been obtained from its use in the care of those feeble persons who may be seriously weakened by being lifted in and out of an ordinary tub. From a sanitary point of view the rain bath is far superior to the old bath tub, affording, as it does, a constantly changing supply of pure water.

For some years the chapel wing, where our chapel, bakery, kitchens, store-rooms and the quarters for the domestic help are located, has been in an unsatisfactory condition of repair. Work has not been undertaken here up to this time, because a more or less complete reconstruction and rearrangement has seemed desirable, to better conform to present ideas. Though still unprepared for extensive changes, some action seemed necessary to provide for present needs. A new floor has been laid in the chapel, and the walls repainted. Repairs are now in progress in the bakery and kitchen. It is designed to limit

these temporary repairs to matters of urgent necessity. In carrying on the work of repair and reconstruction in this institution very little work of a temporary nature has been done, substantial building being deemed the better policy. The result of this policy has been to greatly change the character of the institution and to greatly enhance its value for the prosecution of its work.

Though much has been accomplished to improve the institution, much still remains to be done. Our system of ventilation, good in the main, is faulty in some parts of the house, and something should be done to remedy this. As now arranged, fresh air is forced through the building by a fan at the engine room. This provides a sufficient quantity of air if the distribution were equitably arranged. In places where the circulation is faulty I would advise the placing of galvanized-iron flues in the attics, connected with the present hall and room flues, and having a general outlet beneath the roof ventilators. In this general outlet I would place a coil of steam pipes to produce a direct upward draft, assisting the present fan and directing the currents of air into the most needed channels. The cubic feet of air space per individual is of secondary importance to the efficiency of the ventilation, — the thoroughness and frequency with which the air is changed. With perfect ventilation the capacity of an institution is the number of people who can comfortably associate together. An improperly ventilated institution is always crowded, no matter what the number of its inmates. A change from gas to electricity as a lighting agent would immediately increase the actual capacity of this institution by ceasing to vitiate the air of the wards with the products of combustion, and substituting a cool, pure air for that which is hot and impure.

Considerable miscellaneous work of repair and refurnishing has been accomplished during the past year. A large amount of interior painting has been done, greatly brightening and improving the general appearance of the wards, and rendering it easier to keep them in sanitary condition. Many of our old floors have been scraped and refinished. Large numbers of male patients have been employed in this work, which has proven of value both to the institution and to the individuals. Very material assistance has been given by patients in the

work of all departments. The last of our heating boilers, after a constant use of some fourteen years, has been furnished with new tubes. This completes the retubing of all our boilers, and places them in first-class condition. Our boiler capacity is ample to thoroughly heat the house and to furnish all necessary power, even in the event of the installation of an electric light plant.

I have again to commend the officers of the institution for the faithful performance of their duties. With very few exceptions the employees have rendered satisfactory service.

The circus, the fair and evening entertainments during the winter have served to give variety to the life of the patients. Weekly religious instruction has been given in the chapel.

To the publishers of the "Worcester Evening Gazette" we are again indebted for a copy of their paper, and to Mrs. C. H. Doe for a most liberal contribution of books. The Hospital Newspaper Society and the Young People's Society of Piedmont Church have furnished 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.

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, 1896,	207	218*	425*	-	-	-	-	-	-	207	218*	425*
Admitted within the year,	24	16	40	-	-	-	-	-	-	24	16	40
Whole number of cases within the year,	231	234	465	-	-	-	-	-	-	231	234	465
Discharged within the year,	14	16	30	-	-	-	-	-	-	14	16	30
Viz.: as recovered,	-	-	-	-	-	-	-	-	-	-	-	-
as much improved,	-	-	-	-	-	-	-	-	-	-	-	-
as improved,	-	1	1	-	-	-	-	-	-	-	1	1
as not improved,	3	-	3	-	-	-	-	-	-	3	-	3
as not insane,	-	-	-	-	-	-	-	-	-	-	-	-
Deaths,	11	15	26	-	-	-	-	-	-	11	15	26
Patients remaining Sept. 30, 1897,	217	218	435	-	-	-	-	-	-	217	218	435
Viz.: supported as State patients,	57	50	107	-	-	-	-	-	-	57	50	107
as town patients,	160	168	328	-	-	-	-	-	-	160	168	328
as private patients,	-	-	-	-	-	-	-	-	-	-	-	-
Number of different persons within the year,	231	234	465	-	-	-	-	-	-	231	234	465
Persons admitted,	24	16	40	-	-	-	-	-	-	24	16	40
Persons recovered,	-	-	-	-	-	-	-	-	-	-	-	-
Daily average number of patients,	218.34	219.80	438.14	-	-	-	-	-	-	218.34	219.80	438.14
Viz.: State patients,	57.15	52.22	109.37	-	-	-	-	-	-	57.15	52.22	109.37
town patients,	161.19	167.58	328.77	-	-	-	-	-	-	161.19	167.58	328.77

* Including one on visit.

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.
1894.												
October,	—	—	—	—	3	3	—	2	2	207.00	215.23	422.23
November,	—	—	—	1	1	2	1	1	2	206.90	214.83	421.73
December,	24	13	37	3	1	4	2	1	3	211.84	216.90	428.74
1897.												
January,	—	—	—	2	1	3	2	1	3	225.74	224.97	450.71
February,	—	—	—	1	1	2	—	1	1	224.14	224.07	448.21
March,	—	—	—	1	1	2	1	1	2	223.39	223.32	446.71
April,	—	—	—	—	—	—	—	—	—	223.00	222.57	445.57
May,	—	—	—	3	—	3	2	—	2	220.97	222.55	443.52
June,	—	—	—	—	3	3	—	3	3	219.97	221.36	441.33
July,	—	—	—	—	2	2	—	2	2	220.00	218.23	438.23
August,	—	—	—	1	2	3	1	2	3	219.06	217.39	436.45
September,	—	3	3	2	1	3	2	1	3	218.43	216.50	434.93
Total of cases,	24	16	40	14	16	30	11	15	26	—	—	—
Total of persons,	24	16	40	14	16	30	11	15	26	—	—	—
Daily average,	—	—	—	—	—	—	—	—	—	218.34	219.80	438.14

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), . . .	24	11	35	-	-	-
Second (to this asylum), . . .	-	5	5	-	-	-
Total of cases,	24	16	40	-	-	-
Total of persons,	24	16	40	-	-	-

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,	24	11	35
Former inmates of this asylum and other hospitals,	-	5	5
Total of persons,	24	16	40

5. — *Parentage of Persons admitted.*

PLACES OF NATIVITY.	MALES.		FEMALES.		TOTALS.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Unknown,	24	24	16	16	40	40
Total,	24	24	16	16	40	40

6. — Residence of Persons admitted.

PLACES.	Males.	Females.	Totals.
Massachusetts:—			
Suffolk County,	24	16	40
Totals,	24	16	40
Viz.: cities and towns,	24	16	40
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,	20	6	26	3	4	7	1	1	2	-	-	-	24	11	35
Second,	-	2	2	-	3	3	-	-	-	-	-	-	-	5	5
Totals,	20	8	28	3	7	10	1	1	2	-	-	-	24	16	40

8. — Occupation of Persons admitted.

MALES.	
Clerks,	2
Laborers,	2
Plumbers,	2
Printers,	2
Clock maker,	1
Coachman,	1
Engine oiler,	1
Farmer,	1
Fish dealer,	1
Hatter,	1
Insurance agent,	1
Marble cutter,	1
Painter,	1
Teamster,	1
Telegraph operator,	1
Wood carver,	1
Wood turner,	1
Unknown,	1
No occupation,	2
Total,	24
FEMALES.	
Housewives,	5
Domestics,	2
Seamstresses,	2
No occupation,	7
Total,	16
WIFE OR DAUGHTER OF —	
Unknown,	16
Total,	16

II. — 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,	-	-	-	-	-	-	2	-	2	-	-	1
15 years and less,	-	-	-	-	-	-	2	-	2	-	-	-
From 15 to 20 years,	-	-	-	-	-	-	2	-	2	1	1	2
20 to 25 years,	-	-	-	-	-	-	2	2	4	1	1	2
25 to 30 years,	-	-	-	-	-	-	-	5	5	-	-	2
30 to 35 years,	-	-	-	-	-	-	1	-	1	2	2	2
35 to 40 years,	-	-	-	-	-	-	-	2	2	1	1	3
40 to 50 years,	-	-	-	-	-	-	1	-	1	2	2	7
50 to 60 years,	-	-	-	-	-	-	-	-	-	2	4	6
60 to 70 years,	-	-	-	-	-	-	-	-	-	1	1	3
70 to 80 years,	-	-	-	-	-	-	-	-	-	1	1	1
Over 80 years,	-	-	-	-	-	-	-	-	-	-	-	-
Unknown,	-	-	-	-	-	-	3	5	8	-	-	-
Not insane,	-	-	-	-	-	-	-	-	-	-	-	-
Total of persons,	-	-	-	-	-	-	11	15	26	11	15	26
Mean ages,	-	-	-	-	-	-	23.83	31.70	28.75	43.82	45.60	44.85

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	1	-	1	1
Under 1 month, . . .	-	-	-	-	-	-	-	-	-
From 1 to 3 months, .	-	-	-	-	-	-	-	-	-
3 to 6 months, .	-	-	-	-	-	-	-	-	-
6 to 12 months, .	-	-	-	-	-	-	-	-	-
1 to 2 years, . . .	-	-	-	-	1	1	-	1	1
2 to 5 years, . . .	-	-	-	2	2	4	2	2	4
5 to 10 years, . .	-	-	-	7	-	7	7	-	7
10 to 20 years, . .	-	-	-	10	7	17	10	7	17
Over 20 years,	-	-	-	3	3	6	3	3	6
Unknown,	-	-	-	2	2	4	2	2	4
Not insane,	-	-	-	-	-	-	-	-	-
Total of cases, . . .	-	-	-	24	16	40	24	16	40
Total of persons, . .	-	-	-	24	16	40	24	16	40
Average in years, . .	-	-	-	12.53	16.08	13.85	12.53	16.08	13.85

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

FORMS OF DISEASE.	CASES ADMITTED.			CASES DISCHARGED.													
	RECOVERED.		Totals.	MUCH IMPROVED.		IMPROVED.		NOT IMPROVED.		NOT INSANE.		DIED.		AGGREGATES.			
	Males.	Females.		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Totals.	Totals.		
A. — Insane : —																	
Dementia, chronic,	19	12	31	-	-	1	-	-	-	-	-	7	11	18	9	12	21
epileptic,	2	2	4	-	-	-	-	-	-	-	-	3	1	4	3	1	4
Mania, chronic,	2	1	3	-	-	-	-	1	-	-	-	-	2	2	1	2	3
Melancholia, chronic,	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1
Paranoia,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital mental deficiency.	-	1	1	-	-	-	-	-	-	-	-	1	-	1	1	-	1
Congenital mental deficiency (epileptic).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B. — Habitual drunkards,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C. — Voluntary patients,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D. — Not insane,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total of cases,	24	16	40	-	-	1	1	3	3	-	-	11	15	26	14	16	30
Total of persons,	24	16	40	-	-	1	1	3	3	-	-	11	15	26	14	16	30

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	1	1	1	1	1	3	1	1	1	1	1	11	15	26	14	16	30
Total of cases,	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	11	15	26	14	16	30
Total of persons,	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	11	15	26	14	16	30

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	2	—	—	—	—	—	—	1	1	2
Exhaustion of chronic melancholia,	—	1	1	—	—	—	—	—	—	1	1	1
Exhaustion of epilepsy,	1	—	1	—	—	—	—	—	—	1	1	1
Epilepsy,	2	—	2	—	—	—	—	—	—	2	2	2
Epilepsy and phthisis,	—	1	1	—	—	—	—	—	—	1	1	1
Respiratory system:—												
Phthisis,	6	7	13	—	—	—	—	—	—	6	7	13
Phthisis with hemorrhage,	—	1	1	—	—	—	—	—	—	—	1	1
Pneumonia,	—	1	1	—	—	—	—	—	—	—	1	1
General:—												
Heart disease,	—	1	1	—	—	—	—	—	—	—	1	1
Bright's disease,	—	1	1	—	—	—	—	—	—	—	1	1
Erysipelas,	—	1	1	—	—	—	—	—	—	—	1	1
Senility,	1	—	1	—	—	—	—	—	—	1	—	1
Totals,	11	15	26	—	—	—	—	—	—	11	15	26

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.	15	15	30	15	15	30	15	15	30	15	15	30	15	15	30
Average of known cases (in months),															
B. — Habitual drunkards,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
C. — Voluntary patients,	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2

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.			WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —															
Congenital,	2	—	2	—	—	—	2	—	2	—	—	—	—	—	—
Under 1 month,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
From 1 to 3 months,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 to 6 months,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6 to 12 months,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 2 years,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 to 5 years,	1	5	6	2	3	5	2	2	4	—	3	3	2	3	5
5 to 10 years,	1	4	5	—	4	4	2	2	4	—	1	1	—	3	3
10 to 20 years,	6	1	7	6	5	11	4	6	10	5	7	12	6	6	12
Over 20 years,	—	1	1	3	3	6	4	1	5	4	4	8	3	3	6
Unknown,	1	4	5	—	—	—	1	4	5	—	—	—	—	—	—
Totals,	11	15	26	11	15	26	11	15	26	11	15	26	11	15	26
Average of known cases (in years),	12.00	7.36	9.32	16.91	11.33	13.69	21.38	12.63	16.26	20.67	13.73	16.33	16.91	11.67	13.88
B. — Habitual drunkards,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
C. — Voluntary patients,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

IS. — 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, 1897.

YEARS ENDING SEPT. 30.	ADMITTED.			NEW CASES (FIRST ADMISSIONS 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.	Males.	Females.	Totals.									
Previous years,	542	437	979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	11	
1889,	31	4	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1890,	32	13	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	
1891,	40	95	135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	3		
1892,	53	28	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-		
1893,	39	30	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1894,	80	29	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	
1895,	19	20	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-		
1896,	-	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	
1897,	24	11	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1		
Totals,	810	687	1,497	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	3	11	15	26

18. — Annual Admissions, etc. — Concluded.

YEARS ENDING SEPT. 30.	READMITTED CASES (READMISSIONS TO THIS ASYLUM).												REMAINING OF EACH YEAR'S ADMISSIONS, SEPT. 30, 1897.			
	ADMITTED.			DISCHARGED AND DIED IN 1896-97.						DIED.			Males.	Females.	Totals.	
	Males.	Females.	Totals.	RECOVERED.			MUCH IMPROVED.			NOT IMPROVED.						
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	
Previous years, .	1	1	2	-	-	-	-	-	-	-	-	-	-	78	61	139
1889, .	-	1	1	-	-	-	-	-	-	-	-	-	-	13	-	13
1890, .	-	-	-	-	-	-	-	-	-	-	-	-	-	11	2	13
1891, .	2	28	30	-	-	-	-	-	-	-	-	-	-	18	62	80
1892, .	4	3	7	-	-	-	-	-	-	-	-	-	-	24	10	34
1893, .	1	-	1	-	-	-	-	-	-	-	-	-	-	22	22	44
1894, .	-	2	2	-	-	-	-	-	-	-	-	-	-	17	18	35
1895, .	1	1	2	-	-	-	-	-	-	-	-	-	-	12	12	24
1896, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16
1897, .	-	5	5	-	-	-	-	-	-	-	-	-	-	22	15	37
Totals, .	9	41	50	-	-	-	-	-	-	-	-	-	-	217	218	435



