













FIFTY-NINTH ANNUAL REPORT

OF THE

TRUSTEES

OF THE

WORCESTER LUNATIC HOSPITAL,

AND

FOURTEENTH ANNUAL REPORT OF THE TRUSTEES

OF THE

WORCESTER INSANE ASYLUM AT WORCESTER,

FOR THE YEAR ENDING SEPT. 30, 1891.

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## OFFICERS OF THE HOSPITAL.

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### TRUSTEES.

A. GEO. BULLOCK, . . . . .	WORCESTER.
THOMAS H. GAGE, . . . . .	WORCESTER.
ROCKWOOD HOAR, . . . . .	WORCESTER.
HENRY S. NOURSE, . . . . .	SO. LANCASTER.
FRANCIS C. LOWELL, . . . . .	BOSTON.
ELLEN S. HALE, . . . . .	BOSTON.
FRANCES M. LINCOLN, . . . . .	WORCESTER.

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### RESIDENT OFFICERS.

HOSEA M. QUINBY, M.D., . . . . .	<i>Superintendent.</i>
ALFRED I. NOBLE, M.D., . . . . .	<i>Assistant Superintendent.</i>
FREDERICK H. DANIELS, M.D., . . . . .	<i>Assistant Physician.</i>
LAURE HULME, M.D., . . . . .	<i>Assistant Physician.</i>
CLARENCE W. PELTON, M.D., . . . . .	<i>Assistant Physician.</i>
MAURICE W. PEARSON, M.D., . . . . .	<i>Assistant Physician.</i>
EDWARD T. CALDWELL, . . . . .	<i>Steward.</i>
LILA J. GORDON, . . . . .	<i>Matron.</i>
S. JOSEPHINE BRECK, . . . . .	<i>Clerk.</i>
HENRY S. GRAVES, . . . . .	<i>Farmer.</i>

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### NON-RESIDENT OFFICERS.

ALBERT WOOD, . . . . .	<i>Treasurer.</i>
KIMBLE R. SMITH, . . . . .	<i>Engineer.</i>



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## TRUSTEES' REPORT.

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

The trustees of the Worcester Lunatic Hospital respectfully submit their fifty-ninth annual report, the report of the superintendent and treasurer, also tabulated statements, which give a detailed account of the affairs of the institution.

In our last report we stated that we had received notice of the intended resignation of Dr. Park, who had been for twelve years the faithful and successful superintendent of the hospital. Dr. Park retired from our service Nov. 1, 1890, and we renew the expression of our esteem for him, and of our appreciation of his service. Dr. Hosea M. Quinby, who had demonstrated his capacity and fitness at the asylum, succeeded Dr. Park as superintendent Nov. 25, 1890. He has been here nearly a year now, and the admirable condition of the institution and the harmonious working of all its departments abundantly prove the wisdom of our choice. Dr. J. Frank Edgerly's term of service expired November 6, and Dr. Maurice W. Pearson was appointed assistant physician, and began service the same day. Dr. Hartstein W. Page resigned Jan. 16, 1891, to take the position of assistant physician at the Worcester Insane Asylum, and Dr. Clarence W. Pelton was appointed assistant physician here, and began service February 15. There have been no other changes. We regard all the members of the staff as worthy of commendation and continued confidence.

The purchase of the farm referred to in our previous report has proved very advantageous to the hospital. It affords

pasturage sufficient for a large herd of cattle, which furnishes seven hundred quarts of milk daily. The purchase of this amount of milk would cost more than the interest on the farm investment and the expense incurred there combined. A large part of the work there is done by the patients.

During the winter the city of Worcester laid out a street through land of the hospital on the shore of Lake Quinsigamond, in accordance with authority given by the Legislature in 1888. In consideration of a relinquishment of all claim for land so taken, the city government entered into an agreement with the trustees to extend the sewer system to the entrance to the hospital land without expense to the institution, whenever requested by the trustees.

The number of patients has been somewhat larger than in previous years.

Some months since the trustees received from the executor of the will of the late Jane E. Manson of Rhode Island the sum of \$988.58. We learned that the testator once had some relative an inmate of the hospital, and thus became interested in it. The income of the fund will be expended for the benefit of the patients.

A. G. BULLOCK.  
THOMAS H. GAGE.  
ROCKWOOD HOAR.  
HENRY S. NOURSE.  
FRANCIS C. LOWELL.  
ELLEN S. HALE.  
FRANCES M. LINCOLN.

## VALUE OF PERSONAL ESTATE.

SEPT. 30, 1891.

Live stock on the farm, . . . . .	\$9,504 00
Produce of the farm on hand, . . . . .	8,590 81
Carriages and agricultural implements, . . . . .	8,598 67
Machinery and mechanical fixtures, . . . . .	28,199 04
Beds and bedding in inmates' department, . . . . .	29,195 47
Other furniture in inmates' department, . . . . .	21,790 33
Personal property of State in superintendent's department,	21,639 10
Ready-made clothing, . . . . .	1,218 40
Dry goods, . . . . .	685 25
Provisions and groceries, . . . . .	1,419 19
Drugs and medicines, . . . . .	750 00
Fuel, . . . . .	8,061 71
Library, . . . . .	3,275 00
Other supplies undistributed, . . . . .	5,125 92
Pipes and radiators, . . . . .	36,000 00
Total, . . . . .	\$184,052 89

## TREASURER'S REPORT.

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*To the Trustees of the Worcester Lunatic Hospital.*

I herewith submit my annual report on the finances of the Worcester Lunatic Hospital for the year ending Sept. 30, 1891.

### RECEIPTS.

Cash on hand Sept 30, 1890, . . . . .	\$17,193 15
Received of the Commonwealth for support of patients, . . . . .	38,095 91
of cities and towns for support of patients, . . . . .	77,733 25
of individuals for support of patients, . . . . .	36,066 59
for interest, sale of produce, etc., . . . . .	5,728 09
belonging to patients, . . . . .	2,060 47
from donation, . . . . .	988 58
	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/>
Total, . . . . .	\$177,866 04

The expenditures for the year have been as follows : -

### PROVISIONS.

Flour, . . . . .	\$6,018 37
Meat of all kinds, . . . . .	10,869 21
Fish, . . . . .	3,212 67
Meal for cooking, . . . . .	613 44
Beans, potatoes and other vegetables, . . . . .	4,477 12
Sugar, . . . . .	3,069 46
Molasses and syrup, . . . . .	548 34
Tea, . . . . .	626 28
Coffee, . . . . .	1,930 00
Butter, . . . . .	10,032 66
Cheese, . . . . .	546 54
Fresh fruits, . . . . .	1,944 68
Eggs, salt and other groceries, . . . . .	5,147 33
	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/>
Total for provisions ( <i>carried forward</i> ), . . . . .	\$49,036 10



## RESOURCES.

Cash on hand, . . . . .	\$5,538 84
Due from the Commonwealth, . . . . .	10,794 49
cities and towns, . . . . .	19,480 14
individuals, . . . . .	9,953 04
Money loaned, . . . . .	5,000 00
Total resources, . . . . .	<u>\$50,766 51</u>

## LIABILITIES.

Due for supplies and improvements, . . . . .	\$6,107 76
for salaries and wages, . . . . .	4,424 08
to patients, . . . . .	1,393 90
	<u>11,925 74</u>
Total surplus, . . . . .	<u>\$38,840 77</u>

Respectfully submitted,

ALBERT WOOD,  
*Treasurer.*

Oct. 1, 1891.

## HOSPITAL LIBRARY FUND.

## LEWIS FUND.

Cash on hand Sept. 30, 1890, . . . . .	\$0 37
Received dividends on Springfield bond, . . . . .	70 00
	<u>\$70 37</u>
Expended for books, . . . . .	\$64 25
Cash on hand Sept. 30, 1891, . . . . .	6 12
	<u>\$70 37</u>

## WHEELER FUND.

Cash on hand Sept. 30, 1890, . . . . .	\$42 33
Received dividends, . . . . .	219 97
	<u>\$262 30</u>
Expended for books, . . . . .	\$241 83
Cash on hand Sept. 30, 1891, . . . . .	20 47
	<u>\$262 30</u>

*Lewis Fund Investment.*

Springfield bond, . . . . .	\$1,300 00
Cash on hand Sept. 30, 1891, . . . . .	6 12
	<u>\$1,306 12</u>



*Wheeler Fund Investment.*

Seven shares Central National Bank, . . . . .	\$980 00	
Six shares Worcester National Bank, . . . . .	780 00	
Worcester County Institution for Savings, . . . . .	1,145 86	
Worcester Five Cents Savings Bank, . . . . .	1,719 47	
Cash on hand Sept. 30, 1891, . . . . .	20 47	
	<u>          </u>	\$4,645 80
		<u>          </u>
		\$5,951 92

## LAND ACCOUNT.

Cash on hand Sept. 30, 1890, . . . . .	\$474 65
Received from sales of land, . . . . .	2,263 12
	<u>          </u>
Total, . . . . .	\$2,737 77

*EXPENDITURES.*

Plans, surveys and deeds, . . . . .	\$172 85
Commissions, . . . . .	105 00
Grading and fencing, . . . . .	257 00
Remitted to State treasurer, . . . . .	2,000 00
	<u>          </u>
	\$2,535 35
Cash on hand Sept. 30, 1891, . . . . .	202 42
	<u>          </u>
	\$2,737 77

Respectfully submitted,

ALBERT WOOD,

*Treasurer.*

Oct. 1, 1891.

WORCESTER, MASS., Oct. 22, 1891.

The undersigned has carefully compared the treasurer's statement of expenditures for the year ending Sept. 30, 1891, with the vouchers which are on file at the hospital, also the statement of receipts with the ledger accounts, and found them to be correct. He has inspected the securities for the invested funds, and found them to correspond with the treasurer's statement of their market value; and he has compared the statement of expenditures in the land account with the vouchers, and found it correct.

GEORGE L. CLARK,

*Auditor of Accounts.*

## SUPERINTENDENT'S REPORT.

*To the Trustees of the Worcester Lunatic Hospital.*

I have the honor to submit the following report of the superintendent of the hospital for the year ending Sept. 30, 1891, it being the fifty-ninth annual report.

There remained at the hospital Oct. 1, 1890, 785 patients, — 376 males and 409 females; 307 males and 242 females were admitted; 246 males and 182 females were discharged, and 44 males and 37 females died, leaving at the end of the official year 825 patients, — 393 males and 432 females. Of this number 262 were supported by the State, 436 by towns and cities and 127 by friends. The largest number of patients in the house on any one day was 834, — 394 males and 440 females, — on August 1; and the smallest number 763, — 362 males and 401 females, — on December 14. The daily average number was 807.02. Of the 428 discharged, 129 — including 42 habitual drunkards — are recorded as recovered, 48 much improved, 85 improved, 165 not improved, and one — a convict from State prison — as not insane. One hundred and fourteen males and 83 females were discharged to the care of friends; 30 males and 28 females were removed by the overseers of the poor; 53 males and 47 females were transferred to other institutions; 36 males and 20 females were removed out of the State; 1 male and 2 females were boarded out; 4 males were returned to prison; and 8 males and one female eloped.

Although the daily average number of patients has been less than last year, the number of admissions has been 113 more. Since the first of January our numbers have steadily increased, seldom falling below 825, notwithstanding the efforts to relieve the crowded condition by transfers to other institutions and by removal of patients to almshouses. As

this institution when filled to its maximum capacity can accommodate but 650 patients, it is evident that a large number of our inmates are obliged to put up with very indifferent accommodations, and that they must suffer no little discomfort, crowded together in dormitories or sleeping on the floors of the corridors. Such a state of affairs not only interferes seriously with the cleanliness, order and discipline of the hospital, but, what is of far more consequence, enters as a positive factor in lowering the standard of health of the patients, and increases the rate of mortality. Good air is quite as essential as medicine or food in the treatment of the invalid. Our State in fact has recognized its importance, and has very wisely enacted a law compelling cities and towns to provide a certain amount of pure air in every school-house and public building within its borders; and she should therefore be careful that the provisions of the law are carried out in the institutions which she herself has built for her wards, and over which she has control. The law fixes the standard for good ventilation at not less than twenty cubic feet of fresh air per minute for each person in school-houses and public buildings; a quantity which, according to modern authorities, cannot be considered excessive at least, and can only apply to buildings not continuously occupied. For living apartments, shops, and especially for hospitals, double this amount is necessary. If we apply the test to this institution, it will be found that, although the air supply is fairly ample for the number of patients for which the hospital was designed, it falls far below the requisite quantity when the building is crowded, as at present, with nearly one-third more patients than it can comfortably accommodate.

Every hospital in the State is as crowded as this one, and must continue to suffer in this way for some years to come, even if immediate steps are taken to provide additional accommodations in a new institution; for such a building will certainly be two or more years in the process of construction. It is to be hoped, therefore, since all are agreed that the demand for more room is an imperative one, and as the site for a new hospital has been bought and plans perfected which meet the approval of those best able to judge of the present and future needs of the insane in Massachusetts, that the coming

Legislature will, at the earliest moment possible, authorize its construction and furnish the necessary appropriation therefor. It certainly cannot be difficult to find in Massachusetts men of integrity and business capacity, who can be trusted — whether as a building committee or as a board of trustees — to administer with economy and discretion whatever funds may be appropriated for the purposes of this charity. The needs of the insane are better understood than they were twenty years ago, when the Worcester and the Danvers hospitals were planned; and it is safe to say that no commission or board of trustees who should now undertake to build would take these or similar institutions for their pattern. Although complete in all their appointments and perfect specimens of their kind, they mark the period of transition from an old to a new order of things. Our ideas in regard to the methods proper for the care of the insane have changed greatly since these buildings were planned, and, as a result, an entirely new style of hospital architecture has been developed. The propriety of separating the chronic from the acute insane, and treating them in asylums specially adapted to their needs, is no longer questioned; and, as there are near at hand many examples of asylum construction wherein are provided all the essentials for the proper care and treatment of the chronic class at a very moderate expense, there can no longer be any excuse for extravagance of outlay or for mistakes in the matter of cost in our new building.

The death rate has been slightly in excess of that of last year, but there has been nothing in the causes of death to require special comment; they being, with few exceptions, directly attributable to chronic brain disease, with its various complications. The general health of the house has been good. The ward in which the cases of diphtheria occurred last year, after remaining unoccupied for some months and being thoroughly disinfected, was opened in December, and no further trouble has resulted therein.

Twenty-seven per cent. of this year's admissions are relapsed cases, and previous inmates of this or other hospitals. In no disease, probably, is the tendency to relapse greater than in insanity; a tendency which is, undoubtedly, largely increased by the too early removal of patients from

the hospital. Could our patients and their friends be made to see the importance of time as a factor in the cure of this disease, our percentage of recoveries would, I doubt not, be much greater in number and more permanent in character than at present. From the nature of the case, we can hardly expect the patient himself to view this matter in its true light. The majority of patients fail to realize the fact that they are ailing, and, instead of joining us in our efforts to cure them, are constantly placing obstacles in the way. We ought to be able to look to the friends of the patient for assistance; but they fail us, for in the majority of cases they listen to the importunity of the patient, and insist upon removing him from the hospital as soon as the more prominent symptoms of his disease have disappeared. Such patient, although on the road to recovery, is by no means recovered. His brain is still weak, and in a condition to succumb easily to excitement, such as he must inevitably encounter on his return home. Convinced, as most patients are, that they are well, and quite as able to manage their own affairs as they ever were, they chafe under the restraint which their friends find it necessary to throw around them, and too often become unmanageable and have to be returned to the hospital. Even when aware of their weak condition and fully resolved to keep themselves free from care and excitement, they are seldom able, on account of the strong temptation to resume work, which is always present, to carry out their purpose for a sufficient length of time to insure a permanent cure.

It has been the custom to admit visitors to the institution on any week day, — a custom which originated, no doubt, when the number of patients was small and the visitors correspondingly few. Now that the hospital has grown to its present proportions, a change seems to be necessary. Our visitors are numbered by hundreds, and monopolize so much of the attention of the officers and employees as to leave little time to devote to the patients. In the interest of the latter, therefore, it has been decided to restrict the visiting days to two in each week: Wednesday and Friday, from 10 to 12 A.M. and 1 to 4 P.M.

In the way of repairs and improvements, we have built

during the past year a bank wall in front of the hospital and an ice-house at the Hillside farm. A slate floor has been put down in the general kitchen, and all the outside wood work of the hospital building painted. A fire-alarm box has been placed near the house occupied by our farmer, on Plantation Street, and a hose-carriage with the necessary amount of hose purchased, to protect the farm buildings in case of fire. A night watchman has been employed at the farm barns, it being deemed inadvisable to allow them to go longer unprotected, as they contain a great deal of valuable property in the way of stock, hay, grain and farm utensils, and are continually exposed to the inroads of tramps and intoxicated persons. As the plumbing throughout the building had begun to show serious defects, the result of fourteen years' constant use, and had come to require almost daily repairs, we have added a plumber to our permanent force of employees.

Our farm and garden are under a high state of cultivation, and are conducted, I believe, with economy and good judgment, and return to the hospital an actual profit in dollars and cents. The yield of fruit during the past season, and of all kinds of garden and farm produce, has been abundant; and, with the aid of our new purchase at "Hillside," we are able to produce all the milk necessary for the supply of the institution, having made during the year an average of over seven hundred quarts daily. At present there is no suitable place for storing our vegetables, and we are obliged to utilize the basement under our wards for this purpose, an arrangement which is very unsatisfactory, and, from a sanitary point of view at least, not at all to be countenanced. An ample vegetable cellar should be built as soon as practicable, and an addition made to our silo.

The current expenses for the year, less the amount received from articles sold, have been \$153,098.46; dividing this by 807.02, the daily average number of patients, gives \$189.71 as the annual cost of support, equivalent to a weekly cost of \$3.64.

We are indebted to the Hospital Newspaper Society for Christmas cards, papers and magazines; to the Worcester Club for periodicals and illustrated papers; and to their publishers for a copy of the "Daily Spy," the "Worcester

Gazette," the "Unitarian Review," the "Salem Gazette" and the "Fitchburg Sentinel."

Much credit is due to the various officers and employees of the institution for the faithfulness and zeal with which they have performed their various duties. I am specially indebted to my immediate associates for the uniform courtesy shown me, and to your Board for their renewed confidence, and for the assistance, in the way of counsel and advice, which you have always been ready to give me.

H. M. QUINBY,  
*Superintendent.*

WORCESTER LUNATIC HOSPITAL, Sept. 30, 1891.





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STATISTICAL TABLES.

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## STATISTICAL TABLES.

## I. — General Statistics of the Year.

	INSANE.			HABITUAL DRUNKARDS.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in the house Oct. 1, 1890, . . . . .	370	408	778	6	1	7	376	409	785
Admitted within the year, . . . . .	262	233	495	45	9	54	307	242	549
Whole number of cases within the year, . . . . .	632	641	1,273	51	10	61	683	651	1,334
Discharged within the year:									
Viz.: as recovered at time of leaving the hospital, .	51	36	87	35	7	42	86	43	129
much improved " " " "	27	21	48	—	—	—	27	21	48
improved " " " "	40	45	85	—	—	—	40	45	85
not improved " " " "	92	73	165	—	—	—	92	73	165
not insane " " " "	1	—	1	—	—	—	1	—	1
Deaths, . . . . .	44	37	81	—	—	—	44	37	81
Patients remaining Sept. 30, 1891, . . . . .	377	429	806	16	3	19	393	432	825
Viz.: supported as State patients, . . . . .	142	112	254	6	2	8	148	114	262
" " " " " " " " " " " " " " " " " " " "	182	247	429	7	—	7	189	247	436
private patients, . . . . .	53	70	123	3	1	4	56	71	127
Number of different persons within the year, . . . . .	620	634	1,254	47	8	55	667	642	1,309
Persons recovered, . . . . .	250	226	476	41	7	48	291	233	524
Daily average number of patients, . . . . .	51	36	87	34	7	41	85	43	128
Viz.: State patients, . . . . .	—	—	—	—	—	—	—	—	—
town patients, . . . . .	—	—	—	—	—	—	139.06	101.43	240.49
private patients, . . . . .	—	—	—	—	—	—	192.65	250.36	443.01
	—	—	—	—	—	—	53.82	69.69	123.51

2. — *Monthly Admissions, Discharges and Averages.*

MONTHS.	ADMISSIONS.			DISCHARGES.			DEATHS.			DAILY AVERAGE OF PATIENTS IN THE HOUSE.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Males.	Females.	Totals.
	<b>1890.</b>											
October, . . . . .	40	26	66	26	10	36	2	1	3	383.50	415.10	798.60
November, . . . . .	13	16	29	35	28	63	4	4	8	371.81	405.59	777.40
December, . . . . .	19	12	31	12	11	23	3	5	8	363.22	403.06	766.28
<b>1891.</b>												
January, . . . . .	42	19	61	9	7	16	3	3	6	378.96	405.67	784.63
February, . . . . .	26	28	54	12	20	32	8	4	12	399.28	417.60	816.88
March, . . . . .	21	16	37	28	11	39	2	6	8	399.29	412.70	811.99
April, . . . . .	26	27	53	21	11	32	6	1	7	393.36	427.26	820.62
May, . . . . .	18	22	40	31	10	41	4	2	6	380.25	434.51	814.76
June, . . . . .	42	26	68	22	35	57	1	5	6	381.40	435.93	817.33
July, . . . . .	24	21	45	15	9	24	4	3	7	390.61	432.32	822.93
August, . . . . .	15	19	34	15	11	26	3	2	5	394.32	434.12	828.44
September, . . . . .	21	10	31	20	19	39	4	1	5	390.23	434.12	824.35
Total of cases, . . . . .	307	242	549	246	182	428	44	37	81	—	—	—
Total of persons, . . . . .	291	233	524	245	178	423	44	37	81	—	—	—
Daily average, . . . . .	.83+	.33+	1.43	.67+	.49+	1.17	.10+	.10+	.22	385.53	421.49	807.02

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

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	264	200	464	-	-	-
Second, . . . . .	28	31	59	13	11	24
Third, . . . . .	8	7	15	12	6	18
Fourth, . . . . .	4	3	7	3	4	7
Sixth, . . . . .	2	1	3	6	5	11
Ninth, . . . . .	1	-	1	6	-	6
Total cases, . . . . .	307	242	549	40	26	66
Total persons, . . . . .	291	233	524	24	17	41

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

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Never before in any hospital for insane, . . .	230	170	400
Former inmates of this hospital only, . . .	16	31	47
Former inmates of other hospitals only, . . .	34	25	59
Former inmates of this and other hospitals:—			
Taunton, . . . . .	1	1	2
Danvers, . . . . .	4	-	4
Westborough, . . . . .	1	1	2
Herbert Hall, . . . . .	-	1	1
McLean, . . . . .	1	1	2
South Boston and Danvers, . . . . .	-	1	1
Boston and Westborough, . . . . .	1	-	1
Danvers and Taunton, . . . . .	-	1	1
Danvers, Taunton, South Boston and West- borough, . . . . .	-	1	1
Augusta, Maine, . . . . .	1	-	1
England, . . . . .	1	-	1
Scotland, . . . . .	1	-	1
Total of persons, . . . . .	291	233	524

## 5. — Parentage of Persons admitted.

PLACES OF NATIVITY.	MALES.		FEMALES.		TOTALS.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Massachusetts, . . . .	49	9	28	29	77	38
Other States: —						
Maine, . . . . .	8	46	15	14	23	60
New Hampshire, . . . .	15	13	7	6	22	19
Vermont, . . . . .	8	8	2	3	10	11
Rhode Island, . . . . .	1	2	3	2	4	2
Connecticut, . . . . .	1	3	1	1	2	4
New York, . . . . .	1	1	4	5	5	6
New Jersey, . . . . .	1	1	—	—	1	1
Pennsylvania, . . . . .	2	1	—	—	2	1
Maryland, . . . . .	1	1	2	2	3	3
Virginia, . . . . .	3	3	3	2	6	5
Missouri, . . . . .	1	1	—	—	1	1
Other countries: —						
New Brunswick, . . . .	2	1	1	—	3	1
Canada, . . . . .	12	9	11	11	23	20
Newfoundland, . . . . .	1	1	1	1	2	2
Nova Scotia, . . . . .	8	7	7	7	15	14
Prince Edward Island, . .	2	2	—	—	2	2
England, . . . . .	22	21	14	14	36	35
Ireland, . . . . .	113	121	103	104	216	225
Scotland, . . . . .	6	5	7	6	13	11
Sweden, . . . . .	9	9	4	4	13	13
Poland, . . . . .	1	1	2	2	3	3
Hungary, . . . . .	—	—	1	1	1	1
Germany, . . . . .	7	7	2	2	9	9
Italy, . . . . .	2	2	—	—	2	2
Russia, . . . . .	1	1	—	—	1	1
France, . . . . .	1	1	2	2	3	3
Switzerland, . . . . .	2	2	—	—	2	2
Western Islands, . . . . .	1	1	—	—	1	1
West Indies, . . . . .	—	—	2	1	2	1
Finland, . . . . .	1	1	—	—	1	1
Unknown, . . . . .	9	10	11	14	20	24
Totals, . . . . .	291	291	233	233	524	524

6.—*Residence of Persons admitted.*

PLACES.	Males.	Females.	Totals.
Massachusetts (by counties) :—			
Essex, . . . . .	1	1	2
Franklin, . . . . .	—	2	2
Hampden, . . . . .	1	—	1
Middlesex, . . . . .	97	86	183
Norfolk, . . . . .	7	6	13
Plymouth, . . . . .	—	1	1
Suffolk, . . . . .	106	55	161
Worcester, . . . . .	79	82	161
Total, . . . . .	291	233	524
Cities or towns, . . . . .	227	183	410
Country districts, . . . . .	64	50	114

7. — *Civil Condition of Persons admitted.*

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			UNKNOWN.			TOTAL.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
	First,	107	66	173	141	95	236	16	38	54	-	1	1	264	200
Second,	8	10	18	9	16	25	1	-	1	-	-	-	18	26	44
Third,	2	3	5	2	-	2	-	1	1	-	-	-	4	4	8
Fourth,	-	-	-	3	3	6	-	-	-	-	-	-	3	3	6
Sixth,	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1
Ninth,	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1
Totals,	117	79	196	157	114	271	17	39	56	-	1	1	291	233	524



8. — *Occupations of Persons admitted.*

MALES.			
Apothecary, . . . .	1	Firemen, . . . .	2
Bartenders, . . . .	3	Grocers, . . . .	2
Brewer, . . . .	1	Harness maker, . . . .	1
Bakers, . . . .	4	Hotel keeper, . . . .	1
Blacksmith, . . . .	1	Iron workers, . . . .	2
Bookbinder, . . . .	1	Insurance agents, . . . .	2
Brakemen, . . . .	2	Janitors, . . . .	2
Barber, . . . .	1	Journalist, . . . .	1
Boot and shoe dealer, . . . .	1	Jewellers, . . . .	3
Book-keeper, . . . .	1	Junk dealer, . . . .	1
Boiler maker, . . . .	1	Laborers, . . . .	61
Brick layer, . . . .	1	Letter carrier, . . . .	1
Confectioners, . . . .	3	Morocco dresser, . . . .	1
Clerks, . . . .	11	Milkman, . . . .	1
Carriage workers, . . . .	2	Mechanics, . . . .	2
Carpenters, . . . .	13	Machinists, . . . .	9
Coachmen, . . . .	2	Music teacher, . . . .	1
Cabinet makers, . . . .	3	Musician, . . . .	1
Canvasser, . . . .	1	Mariners, . . . .	2
Coffin maker, . . . .	1	Night watchman, . . . .	1
Cotton printer, . . . .	1	Oil-cloth worker, . . . .	1
Crayon artist, . . . .	1	Operatives, . . . .	14
Dye sinker, . . . .	1	Organ builder, . . . .	1
Dyer, . . . .	1	Peddlers, . . . .	2
Errand boy, . . . .	1	Paper hanger, . . . .	1
Engineers, . . . .	5	Painters, . . . .	9
Farmers, . . . .	18	Paper box maker, . . . .	1

## 8. — Occupations of Persons, etc. — Continued.

MALES.			
Paper makers, . . . .	2	Superintendent of cemetery,	1
Porter, . . . .	1	Teamsters, . . . .	2
Printers, . . . .	3	Tailors, . . . .	6
Plumber, . . . .	1	Varnisher, . . . .	1
Physicians, . . . .	3	Wood sorter, . . . .	1
Produce dealers, . . . .	2	Wire worker, . . . .	1
Reporters, . . . .	2	Weavers, . . . .	3
Salesmen, . . . .	5	Waiter, . . . .	1
Shoemakers, . . . .	18	No occupation, . . . .	27
Spectacle maker, . . . .	1	Unknown, . . . .	1
Straw bleacher, . . . .	1	Total, . . . .	291

FEMALES.			
Clerk, . . . .	1	Saleswoman, . . . .	1
Cook, . . . .	1	Seamstresses, . . . .	4
Domestics, . . . .	27	Straw worker, . . . .	1
Housekeepers, . . . .	90	Tailoress, . . . .	1
Housemaids, . . . .	5	Teachers, . . . .	2
Laundress, . . . .	1	Total, . . . .	150
Operatives, . . . .	16		

## WIFE OR DAUGHTER OF—

Book-keeper, . . . .	1	Cabinet maker, . . . .	1
Bookbinder, . . . .	2	Carpenter, . . . .	4
Builder mover, . . . .	1	Contractor, . . . .	1
Blacksmith, . . . .	1	Clerk, . . . .	1
Currier, . . . .	1	Druggist, . . . .	2

8. — *Occupations of Persons, etc.* — Concluded.

WIFE OR DAUGHTER OF—			
Dentist, . . . . .	1	Merchant, . . . . .	1
Engineer, . . . . .	1	Peddler, . . . . .	1
Farmer, . . . . .	4	Painter, . . . . .	2
Florist, . . . . .	1	Real estate agent, . . . . .	1
Junk dealer, . . . . .	2	Salesman, . . . . .	3
Laborer, . . . . .	9	Stone cutter, . . . . .	2
Liquor dealer, . . . . .	1	Tailor, . . . . .	2
Lawyer, . . . . .	2	Unknown, . . . . .	32
Mason, . . . . .	2		
Mechanic, . . . . .	1	Total, . . . . .	233

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

CAUSES.	PERSONS ADMITTED.						INSANE.						HABITUAL DRUNKARDS.						
	INSANE.			HABITUAL DRUNKARDS.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.			
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	
1. Physical: —																			
Apoplexy (cerebral hemorrhage), . . .	7	4	11																
Bromides, . . . . .	1	1	2																
Dissipation, . . . . .	3	1	4																
Intemperance, . . . . .	78	22	100	41	7	48	12	3	15	5	2	7	16	3	19	4	1	5	
Injury to head, . . . . .	4	3	7																
Ill health, . . . . .	13	17	30				1	1	2	2	3	5							
Locomotor ataxy, . . . . .	1	5	6				1	1	2	2	3	5							
“La Grippe,” . . . . .	4	8	12				1	1	2	2	2	4							
Menopause, . . . . .	6	8	14																
Masturbation, . . . . .	5	14	19				1	4	5	1	2	3							
Overwork, . . . . .	4	2	6				1	2	3	1	1	2							
Privation, . . . . .	4	11	15																
Puerperal, . . . . .	2	1	3																
Rheumatism, . . . . .	6	1	7																
Sunstroke, . . . . .	2	1	3																
Syphilis, . . . . .	2	1	3																
Tuberculosis, . . . . .	1	1	2																
Typhoid fever, . . . . .	1	1	2				1	1	2										
Uterine, . . . . .	1	1	2																



## 10. — Record of Cases admitted within the Year.

PATIENTS.	INSANE.			HABITUAL DRUNKARDS.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Admitted, . . . . .	262	233	495	45	9	54	307	242	549
Discharged recovered, . . . . .	36	22	58	29	6	35	65	28	93
much improved, . . . . .	20	10	30	-	-	-	20	10	30
improved, . . . . .	20	19	39	-	-	-	20	19	39
not improved, . . . . .	24	16	40	-	-	-	24	16	40
not insane, . . . . .	1	-	1	-	-	-	1	-	1
Died, . . . . .	24	18	42	-	-	-	24	18	42
Remaining Sept. 30, 1891, . . . . .	137	148	285	16	3	19	153	151	304
Number likely to recover or improve, . . . . .	56	69	125	16	3	19	72	72	144



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

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMIS- SIONS.			TOTALS.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital, . . . .	4	4	8	-	4	4	4	8	12
Under 1 month, . . .	60	48	108	11	8	19	71	56	127
From 1 to 3 months, .	26	20	46	5	4	9	31	24	55
3 to 6 months, .	18	24	42	4	3	7	22	27	49
6 to 12 months, .	19	11	30	6	1	7	25	12	37
1 to 2 years, . .	38	20	58	8	9	17	46	29	75
2 to 5 years, . .	33	24	57	22	13	35	55	37	92
5 to 10 years, . .	13	6	19	16	17	33	29	23	52
10 to 20 years, .	4	6	10	4	8	12	8	14	22
Over 20 years, . . .	4	2	6	-	1	1	4	3	7
Unknown, . . . . .	10	5	15	1	4	5	11	9	20
Not insane, . . . . .	1	-	1	-	-	-	1	-	1
Total cases, . . . .	230	170	400	77	72	149	307	242	549
Total persons, . . .	230	170	400	61	63	124	291	233	524
Average in years, . .	2.15	2.30	2.21	3.48	5.29	4.38	2.65	3.57	3.11



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

FORM OF DISEASE.	CASES ADMITTED.			CASES DISCHARGED.																				
	Ma.	Fe.	Tot.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			AGGREGATE.					
				Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.			
A.— Insane:																								
Mania, acute, . . . . .	42	57	99	10	20	30	6	4	10	7	4	11	3	2	5	4	8	12	30	28	58			
chronic, . . . . .	39	59	98	4	15	19	3	6	9	18	27	45	—	38	76	5	8	13	68	80	148			
recurrent, . . . . .	11	10	21	7	1	8	—	1	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
puerperal, . . . . .	—	6	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
hysterical, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Melancholia, acute, . . . . .	38	33	71	—	9	9	2	6	8	2	4	6	—	5	8	7	1	8	25	20	45			
chronic, . . . . .	6	10	16	—	1	1	1	2	3	5	—	5	—	3	5	2	1	3	11	9	20			
Dementia, primary, . . . . .	4	1	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
secondary, . . . . .	12	10	22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
senile, . . . . .	18	16	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Organic (tumors, hemorrhages, etc.), . . . . .	8	6	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
General paralysis of the insane, . . . . .	23	2	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Epilepsy, . . . . .	9	9	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Toxic insanity (alcohol, morphine, etc.), . . . . .	46	9	55	20	4	24	6	1	7	1	1	5	—	5	4	9	1	10	30	7	37			
Paralytic insanity, . . . . .	4	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hebephrenia, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Congenital mental deficiency (idiocy), . . . . .	1	5	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
B.— Habitual drunkards, . . . . .	45	9	54	35	7	42	—	—	—	—	—	—	—	—	—	—	—	—	35	7	42			
C.— Not insane, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total of cases, . . . . .	307	242	549	86	43	129	27	21	48	40	45	85	92	73	165	44	37	81	290	219	519			
Total of persons, . . . . .	291	233	524	85	43	128	27	21	48	40	45	85	92	73	165	44	37	81	289	219	518			

## 14. — Discharges, classified by Admission and Result.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			NOT INSANE.			TOTALS.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
	First, . . . . .	76	30	106	26	16	42	35	40	75	71	57	128	40	31	71	1	-	1	249	174
Second, . . . . .	9	10	19	1	4	5	4	3	7	9	10	19	3	4	7	-	-	-	26	31	57
Third, . . . . .	-	2	2	-	-	-	1	-	1	6	4	10	-	-	-	-	-	-	7	6	13
Fourth, . . . . .	-	-	-	-	-	-	-	1	1	2	2	4	1	-	1	-	-	-	3	3	6
Fifth, . . . . .	-	1	1	-	-	-	-	-	-	3	-	3	-	-	-	-	-	-	3	1	4
Sixth, . . . . .	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Seventh, . . . . .	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Eighth, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1
Ninth, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Eleventh, . . . . .	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1
Thirteenth, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1
Total of cases, . . . . .	86	43	129	27	21	48	40	45	85	92	73	165	44	37	81	1	-	1	290	219	509
Total of persons, . . . . .	85	43	128	27	21	48	40	45	85	92	72	164	44	37	81	1	-	1	289	215	504

15. — *Causes of Death.*

CAUSES.	INSANE.		
	Males.	Females.	Totals.
Nervous system :—			
Exhaustion from mania, acute, . . . . .	-	5	5
chronic, . . . . .	3	3	6
recurrent, . . . . .	-	1	1
paralytic, . . . . .	1	-	1
melancholia, acute, . . . . .	6	-	6
chronic, . . . . .	1	2	3
dementia, senile, . . . . .	4	3	7
secondary, . . . . .	-	1	1
organic, . . . . .	2	5	7
Apoplexy, . . . . .	6	4	10
Epilepsy, . . . . .	4	1	5
General paralysis, . . . . .	7	2	9
Locomotor ataxy, . . . . .	1	-	1
Respiratory system :—			
Pneumonia, . . . . .	1	2	3
Phthisis pulmonalis, . . . . .	3	2	5
Pulmonary congestion, . . . . .	-	1	1
General :—			
Tubercular peritonitis and meningitis, . . . . .	1	-	1
Burn, . . . . .	1	1	2
Fractured hip, . . . . .	-	1	1
Miscarriage, . . . . .	-	1	1
Heart failure, . . . . .	1	2	3
Erysipelas, . . . . .	1	-	1
Bright's disease, . . . . .	1	-	1
Totals, . . . . .	44	37	81

## 16. — Recoveries, classified by Duration of Disease and Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE AD- MISSION.		HOSPITAL RESIDENCE.		WHOLE DURATION FROM THE ATTACK.		WHOLE KNOWN PERIOD OF MENTAL DISEASE.		WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.			
	Ma.	Fe.	Ma.	Fe.	Ma.	Fe.	Ma.	Fe.	Ma.	Fe.	Tot.	
A. — Insane —												
Congenital, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Under 1 month, . . . . .	22	16	5	2	3	1	2	1	2	1	3	8
From 1 to 3 months, . . . . .	4	10	23	11	16	6	22	13	13	4	17	30
3 to 6 months, . . . . .	4	—	12	11	3	8	11	4	4	8	12	17
6 to 12 months, . . . . .	3	1	10	9	10	10	20	11	11	9	20	21
1 to 2 years, . . . . .	7	1	3	3	7	3	10	9	9	6	15	6
2 to 5 years, . . . . .	5	2	1	—	6	3	9	4	4	5	9	6
5 to 10 years, . . . . .	1	1	—	—	—	2	2	2	2	1	3	1
10 to 20 years, . . . . .	1	2	—	—	2	—	2	2	2	1	3	1
Over 20 years, . . . . .	—	—	—	—	—	—	—	—	—	1	1	—
Unknown, . . . . .	7	3	—	—	7	3	10	7	7	—	7	—
Totals, . . . . .	54	36	54	36	54	36	90	54	54	36	90	90
Average of known cases (in months), . . . . .	14	13+	4+	8+	21	11½	17	19	21+	4	20	11+

## B.—Habitual drunkards—

Under 1 month, . . .	3	—	3	4	1	5	—	5	5	—	—	5	14	1	15
From 1 to 3 months, . . .	2	—	2	16	1	17	—	—	2	1	1	3	9	—	9
3 to 6 months, . . .	1	—	1	7	5	12	—	—	1	—	—	1	3	5	8
6 to 12 months, . . .	—	—	—	4	—	4	—	2	2	—	—	2	4	1	5
1 to 2 years, . . .	5	—	5	—	—	—	—	3	3	—	—	3	—	—	—
2 to 5 years, . . .	9	4	13	1	—	1	4	10	12	3	15	15	—	—	—
5 to 10 years, . . .	5	2	7	—	—	—	4	4	3	2	5	3	1	—	1
10 to 20 years, . . .	3	1	4	—	—	—	4	4	—	1	5	—	1	—	1
Over 20 years, . . .	2	—	2	—	—	—	—	2	2	—	2	2	—	—	—
Unknown, . . .	2	—	2	—	—	—	—	2	2	—	2	2	—	—	—
Totals, . . .	32	7	39	32	7	39	7	32	32	7	39	32	32	7	39
Average of known cases (in months), . . .	54	73+	62	12+	4	3	71	59	62	72+	67	62	6	5	5+

## 17. — Deaths, classified by Duration of Disease and Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.								
	DURATION BEFORE AD- MISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.			WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Insane:—															
Congenital, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Under 1 month, . . . . .	8	10	18	9	7	16	2	4	6	2	4	6	9	8	17
From 1 to 3 months, . . . . .	4	—	4	10	5	15	3	4	7	4	5	9	10	4	14
3 to 6 months, . . . . .	1	8	9	8	7	15	3	1	4	2	—	2	7	6	13
6 to 12 months, . . . . .	6	1	7	5	2	7	6	3	9	6	3	9	5	2	7
1 to 2 years, . . . . .	—	6	6	4	2	6	3	4	7	3	4	7	5	7	12
2 to 5 years, . . . . .	9	6	15	4	9	13	9	10	19	8	9	17	4	4	8
5 to 10 years, . . . . .	4	3	7	2	2	4	3	6	9	4	6	10	2	2	4
10 to 20 years, . . . . .	1	3	4	—	3	3	3	3	6	3	3	6	2	4	6
Over 20 years, . . . . .	1	—	1	2	—	2	3	2	5	3	3	6	—	—	—
Unknown, . . . . .	9	—	9	—	—	—	9	—	9	9	—	9	—	—	—
Totals, . . . . .	44	37	81	44	37	81	44	37	81	44	37	81	44	37	81
Average of known cases (in months), . . . . .	58.19	25.73	40.80	27.45	30.73	28.95	88.42	55.45	71.00	88.69	68.48	78.01	28.02	36.40	31.85

18.—*How supported.*

SUPPORTED AS—	PATIENTS ADMITTED.			AVERAGE OF THE YEAR.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
State patients, . . .	247	189	436	139.06	101.43	240.49
Town patients, . . .	24	26	50	192.65	250.36	443.01
Private patients, . . .	36	27	63	53.82	69.69	123.51
Totals, . . .	307	242	549	385.53	421.48	807.01

19.—*Number of Convicts admitted to the Hospital from its Opening, Jan. 19, 1833, to Sept. 30, 1891.*

	Males.	Females.	Totals.
Number upon first admission, . . . . .	485	97	582
Number upon readmission, . . . . .	59	9	68
Totals, . . . . .	544	106	650











21. — Relapsed Cases admitted in Each Year and discharged in 1890-91.

CASES PREVIOUSLY RECOVERED IN THIS HOSPITAL.

YEAR ENDING SEPT. 30.	ADMITTED.			DISCHARGED AND DIED IN 1890-91.												REMAINING SEPT. 30, 1891.									
	Males.	Females.	Totals.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			Males.	Females.	Totals.				
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.							
1868,	1		1																						
1869,	2		2																						
1872,		2	2																						
1873,		3	3																						
1874,	2	3	5																						
1876,	3	2	5																						
1877,	4	3	7																						
1878,	4	5	9																						
1879,	2	5	7																						
1880,	3	6	9																						
1881,	14	10	24																						
1882,	9	19	28																						
1883,	8	11	19																						
1884,	12	16	28																						
1885,	12	12	24																						
1886,	12	12	24																						
1887,	13	13	26																						
1888,	6	10	16																						
1889,	15	12	27																						
1890,	19	19	38																						
1891,	25	19	44																						
Totals,	154	175	329	8	10	18		3	3		1	1	5	5			3	3				48	34	82	

## 22.—Record of 16,208 Cases admitted to the Worcester Lunatic Hospital, from its Opening, Jan. 19, 1833, to Sept. 30, 1891.

	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of persons admitted, . . . . .	—	—	—	6,350	6,003	12,353	8,306	7,902	16,208
Number of readmissions, . . . . .	1,882	1,821	3,703	—	—	—	—	—	—
Readmissions without removal from the hospital, . . . . .	74	78	152	—	—	—	—	—	—
Total number of readmissions, . . . . .	—	—	—	1,956	1,899	3,855	8,306	7,902	16,208
Number of cases, . . . . .	—	—	—	864	556	1,420	1,074	788	1,862
Cases in other hospitals, previous to first admission here, . . . . .	—	—	—	210	232	442	—	—	—
Cases in other hospitals, between first admission and any subsequent admission, . . . . .	—	—	—	—	—	—	—	—	—
Transfers to State hospitals in this State on first admission, . . . . .	—	—	—	548	614	1,162	—	—	—
Removed to other institutions in this State on first admission, . . . . .	—	—	—	102	25	127	—	—	—
Sent to hospitals out of the State on first admission, . . . . .	—	—	—	11	12	23	—	—	—
Transfers to State hospitals in this State on readmissions, . . . . .	—	—	—	169	219	388	—	—	—
Removed to other institutions in this State on readmissions, . . . . .	—	—	—	20	8	28	—	—	—
Sent to hospitals out of the State on readmissions, . . . . .	—	—	—	9	—	9	—	—	—
Persons admitted, . . . . .	6,350	6,003	12,353	—	—	—	—	—	—
Cases in this hospital, . . . . .	—	—	—	8,306	7,902	16,208	—	—	—
Previously in other hospitals, . . . . .	—	—	—	1,074	788	1,862	—	—	—
Removed to hospitals and institutions upon discharge, . . . . .	—	—	—	859	878	1,737	—	—	—
Total cases, . . . . .	—	—	—	—	—	—	10,239	9,568	19,807

## 23. — Showing the Results of First Admissions.

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of persons on first admission, . . . . .	—	—	—	6,350	6,003	12,353
Discharged recovered, . . . . .	2,110	1,954	4,064	—	—	—
improved, . . . . .	1,603	1,704	3,307	—	—	—
not improved, . . . . .	1,281	1,123	2,404	—	—	—
not insane, . . . . .	9	6	15	—	—	—
Eloped, . . . . .	4	—	4	—	—	—
Died, . . . . .	1,055	881	1,935	—	—	—
Remaining in the hospital Sept. 30, 1891, . . . . .	288	335	623	6,350	6,003	12,353

## Showing the Results of Readmissions.

Number of readmissions, . . . . .	—	—	—	1,956	1,899	3,855
Discharged recovered, . . . . .	690	749	1,439	—	—	—
improved, . . . . .	525	508	1,033	—	—	—
not improved, . . . . .	388	337	725	—	—	—
Eloped, . . . . .	1	—	1	—	—	—
Died, . . . . .	247	208	455	—	—	—
Remaining in the hospital Sept 30, 1891, . . . . .	105	97	202	1,956	1,899	3,855

## Showing the Results of Second Admissions.

Number of second admissions, . . . . .	—	—	—	1,185	1,179	2,354
Discharged recovered, . . . . .	371	372	743	—	—	—
improved, . . . . .	311	333	444	—	—	—
not improved, . . . . .	270	240	510	—	—	—
Died, . . . . .	170	152	322	—	—	—
Remaining in the hospital Sept. 30, 1891, . . . . .	63	72	135	1,185	1,179	2,354

*Showing the Results of Third Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of third admissions,	—	—	—	376	327	703
Discharged recovered, . . .	138	142	280	—	—	—
improved, . . .	101	82	183	—	—	—
not improved, . . .	67	57	124	—	—	—
Died, . . . . .	46	30	76	—	—	—
Remaining in the hospital Sept. 30, 1891, . . . .	24	16	40	376	327	703

*Showing the Results of Fourth Admissions.*

Number of fourth admissions, . . . . .	—	—	—	156	138	294
Discharged recovered, . . .	65	62	127	—	—	—
improved, . . .	44	41	85	—	—	—
not improved, . . .	27	22	49	—	—	—
Died, . . . . .	10	10	20	—	—	—
Remaining in the hospital Sept. 30, 1891, . . . .	10	3	13	156	138	294

*Showing the Results of Fifth Admissions.*

Number of fifth admissions,	—	—	—	76	72	148
Discharged recovered, . . .	35	40	75	—	—	—
improved, . . .	15	15	30	—	—	—
not improved, . . .	11	9	20	—	—	—
Eloped, . . . . .	1	—	1	—	—	—
Died, . . . . .	12	5	17	—	—	—
Remaining in the hospital Sept. 30, 1891, . . . .	2	3	5	76	72	148

*Showing the Results of Sixth Admissions.*

Number of sixth admissions,	—	—	—	43	40	83
Discharged recovered, . . .	23	21	44	—	—	—
improved, . . .	8	13	21	—	—	—
not improved, . . .	4	2	6	—	—	—
Died, . . . . .	3	3	6	—	—	—
Remaining in the hospital Sept. 30, 1891, . . . .	5	1	6	43	40	83

*Showing the Results of Seventh Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of seventh admissions, . . . . .	-	-	-	26	27	53
Discharged recovered, . . . . .	14	17	31	-	-	-
improved, . . . . .	6	7	13	-	-	-
not improved, . . . . .	3	1	4	-	-	-
Died, . . . . .	3	2	5	-	-	-

*Showing the Results of Eighth Admissions.*

Number of eighth admissions, . . . . .	-	-	-	20	19	39
Discharged recovered, . . . . .	10	13	23	-	-	-
improved, . . . . .	9	2	11	-	-	-
not improved, . . . . .	1	3	4	-	-	-
Died, . . . . .	-	1	1	20	19	39

*Showing the Results of Ninth Admissions.*

Number of ninth admissions, . . . . .	-	-	-	16	16	32
Discharged recovered, . . . . .	10	11	21	-	-	-
improved, . . . . .	4	4	8	-	-	-
not improved, . . . . .	1	1	2	-	-	-
Died, . . . . .	1	-	1	16	16	32

*Showing the Results of Tenth Admissions.*

Number of tenth admissions, . . . . .	-	-	-	13	15	28
Discharged recovered, . . . . .	6	12	18	-	-	-
improved, . . . . .	6	2	8	-	-	-
not improved, . . . . .	1	1	2	13	15	28



*Showing the Results of Eleventh Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of eleventh admissions, . . . . .	—	—	—	12	14	26
Discharged recovered, . . . . .	3	9	12	—	—	—
improved, . . . . .	6	4	10	—	—	—
not improved, . . . . .	2	1	3	—	—	—
Died, . . . . .	1	—	1	12	14	26

*Showing the Results of Twelfth Admissions.*

Number of twelfth admissions, . . . . .	—	—	—	9	11	20
Discharged recovered, . . . . .	3	9	12	—	—	—
improved, . . . . .	4	1	5	—	—	—
not improved, . . . . .	1	—	1	—	—	—
Died, . . . . .	1	1	2	9	11	20

*Showing the Results of Thirteenth Admissions.*

Number of thirteenth admissions, . . . . .	—	—	—	7	9	16
Discharged recovered, . . . . .	3	8	11	—	—	—
improved, . . . . .	3	—	3	—	—	—
not improved, . . . . .	1	—	1	—	—	—
Died, . . . . .	—	1	1	7	9	16

*Showing the Results of Fourteenth Admissions.*

Number of fourteenth admissions, . . . . .	—	—	—	5	8	13
Discharged recovered, . . . . .	3	6	9	—	—	—
improved, . . . . .	2	1	3	—	—	—
not improved, . . . . .	—	1	1	5	8	13

*Showing the Results of Fifteenth Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of fifteenth admissions, . . . . .	-	-	-	4	6	10
Discharged recovered, . . . . .	2	4	6	-	-	-
improved, . . . . .	2	1	3	-	-	-
not improved, . . . . .	-	1	1	4	6	10

*Showing the Results of Sixteenth Admissions.*

Number of sixteenth admissions, . . . . .	-	-	-	3	4	7
Discharged recovered, . . . . .	1	3	4	-	-	-
improved, . . . . .	1	-	1	-	-	-
Remaining in the hospital Sept. 30, 1891, . . . . .	1	1	2	3	4	7

*Showing the Results of Seventeenth Admissions.*

Number of seventeenth admissions, . . . . .	-	-	-	2	3	5
Discharged recovered, . . . . .	2	2	4	-	-	-
not improved, . . . . .	-	1	1	2	3	5

*Showing the Results of Eighteenth Admissions.*

Number of eighteenth admissions, . . . . .	-	-	-	2	3	5
Discharged recovered, . . . . .	1	2	3	-	-	-
improved, . . . . .	1	-	1	-	-	-
Died, . . . . .	-	1	1	2	3	5

*Showing the Results of Nineteenth Admissions.*

Number of nineteenth admissions, . . . . .	-	-	-	1	2	3
Discharged recovered, . . . . .	-	2	2	-	-	-
improved, . . . . .	1	-	1	1	2	3

*Showing the Results of Twentieth Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of twentieth admissions, . . . . .	-	-	-	-	2	2
Discharged recovered, . . . . .	-	2	2	-	2	2

*Showing the Results of Twenty-first Admissions.*

Number of twenty-first admissions, . . . . .	-	-	-	-	2	2
Discharged recovered, . . . . .	-	1	1	-	-	-
Remaining in the hospital Sept. 30, 1891, . . . . .	-	1	1	-	2	2

*Showing the Results of Twenty-second Admissions.*

Number of twenty-second admissions, . . . . .	-	-	-	-	1	1
Discharged recovered, . . . . .	-	1	1	-	1	1

*Showing the Results of Twenty-third Admissions.*

Number of twenty-third admissions, . . . . .	-	-	-	-	1	1
Discharged recovered, . . . . .	-	1	1	-	1	1

24. — Table Showing Admissions, Discharges and Deaths.

YEARS ENDING SEPT. 30.	ADMITTED.						RELEASD CASES HERE, RE-ADMISSIONS.			GRAND TOTALS.
	NEW CASES, FIRST ADMISSIONS.			NEW CASES HERE, BUT HAVE PREVIOUSLY BEEN IN OTHER HOSPITALS AND ARE THEREFORE RELEASD CASES.			Males.	Females.	Totals.	
	Males.	Females.	Totals.	Males.	Females.	Totals.				
1833,	63	28	91	18	16	34	1	1	126	
1833-34,	50	42	92	16	9	25	7	6	130	
1834-35,	48	31	79	8	10	13	10	18	110	
1835-36,	49	41	90	4	13	17	9	18	125	
1836-37,	60	52	112	13	8	21	14	6	20	
1837-38,	81	64	145	2	7	9	11	15	180	
1838-39,	54	72	126	8	5	13	22	19	180	
1839-40,	61	63	124	3	5	8	13	15	170	
1840-41,	51	63	114	2	1	3	14	20	151	
1841-42,	71	67	138	5	4	9	24	23	194	
1842-43,	80	80	160	13	5	18	24	20	222	
1843-44,	92	96	188	4	4	8	20	22	238	
1844-45,	92	87	179	10	6	16	43	30	268	
1845-46,	98	104	202	8	9	17	36	38	298	
1846-47,	75	84	159	5	11	16	36	59	234	
1847-48,	104	97	201	8	6	14	26	36	277	
1848-49,	85	86	171	11	11	22	31	36	260	
1849-50,	96	82	178	7	5	12	27	32	249	
1850-51,	85	87	172	12	9	21	27	38	258	
1851-52,	94	113	207	7	5	12	44	38	301	
1852-53,	89	108	197	8	5	13	44	45	299	
1853-54,	81	116	197	4	10	14	38	47	296	
1854-55,	54	79	133	6	6	12	36	28	209	
1855-56,	68	93	161	10	7	17	24	32	234	

1856-57,	81	97	178	8	9	17	36	34	70	265
1857-58,	93	89	182	28	41	69	45	58	108	354
1858-59,	78	67	145	4	6	10	17	21	45	200
1859-60,	85	72	157	3	3	6	14	35	52	215
1860-61,	83	66	165	10	9	19	35	32	67	251
1861-62,	63	66	129	9	9	18	36	38	74	221
1862-63,	59	70	129	13	5	18	42	26	68	221
1863-64,	76	51	127	7	5	12	42	45	87	226
1864-65,	69	68	137	4	11	15	44	25	69	221
1865-66,	113	96	209	10	4	14	40	26	66	289
1866-67,	97	87	184	10	11	21	47	36	83	288
1867-68,	103	77	180	9	15	24	46	46	92	296
1868-69,	100	107	207	16	14	30	55	45	100	337
1869-70,	124	129	253	14	14	28	58	45	103	384
1870-71,	160	134	294	14	20	34	80	62	142	470
1871-72,	163	103	266	18	17	35	70	72	142	443
1872-73,	135	144	279	17	10	27	57	44	101	407
1873-74,	121	139	260	24	12	36	57	36	75	362
1874-75,	138	118	256	19	12	31	39	47	91	351
1875-76,	138	99	237	12	11	23	44	41	92	354
1876-77,	117	129	246	9	7	16	36	39	75	315
1877-78,	101	114	215	9	16	25	36	22	49	147
1878-79,	46	44	90	3	5	8	19	27	48	283
1879-80,	74	49	123	10	52	62	27	29	41	249
1880-81,	102	60	162	26	22	46	17	24	41	219
1881-82,	87	83	170	53	22	75	40	25	65	310
1882-83,	94	76	170	7	37	44	21	40	61	275
1883-84,	79	76	155	20	33	53	18	37	44	252
1884-85,	128	95	223	10	17	27	31	26	68	318
1885-86,	94	112	206	20	30	50	44	23	67	323
1886-87,	123	100	223	16	18	34	29	29	58	313
1887-88,	145	107	252	38	46	84	22	31	389	389
1888-89,	156	129	285	15	19	34	39	33	72	491
1889-90,	192	119	311	18	31	49	37	39	76	436
1890-91,	230	170	400	34	25	59	43	47	90	549
Totals,	5,627	5,203	10,830	725	793	1,518	1,956	1,904	3,860	16,208











25. — Table Showing Admissions, Discharges and Deaths, with the Mean Annual Mortality, Proportion of Recoveries, Per Cent. of the Discharges, including Deaths and Elopements, for Each Year.

YEARS ENDING SEPT. 30.	ADMITTED.			DISCHARGES.						DIED.			ELOPED.					
	Males.	Females.	Totals.	RECOVERED.		IMPROVED.		NOT IMPROVED.		NOT INSANE.		Males.	Females.	Totals.	Males.	Females.	Totals.	
				Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.							Males.
1833, . . . . .	82	44	126	7	4	11	1	3	—	1	—	—	—	—	—	—	—	—
1833-34, . . . . .	73	57	130	33	26	59	12	18	16	6	16	6	1	3	6	1	4	1
1834-35, . . . . .	61	49	110	27	24	51	13	14	14	11	14	11	6	4	4	3	7	—
1835-36, . . . . .	62	63	125	24	26	50	18	11	29	13	13	5	18	5	5	3	8	—
1836-37, . . . . .	87	66	153	38	28	66	10	12	27	17	4	4	21	4	4	3	7	—
1837-38, . . . . .	94	86	180	41	33	74	11	16	27	17	7	8	25	10	7	17	17	—
1838-39, . . . . .	84	96	180	37	48	85	10	9	19	25	17	8	43	13	8	21	21	—
1839-40, . . . . .	77	98	170	28	46	74	18	20	38	12	12	12	24	8	9	17	17	—
1840-41, . . . . .	67	84	151	32	42	74	16	18	34	19	17	17	36	5	5	10	10	—
1841-42, . . . . .	100	94	194	44	53	97	12	11	23	19	17	23	50	5	8	13	13	—
1842-43, . . . . .	117	105	222	52	57	109	26	14	40	32	27	23	41	8	14	22	22	—
1843-44, . . . . .	116	122	238	51	73	124	25	24	49	30	14	44	41	7	9	16	16	—
1844-45, . . . . .	145	123	268	56	50	106	13	23	36	12	13	25	45	11	8	19	19	—
1845-46, . . . . .	142	151	293	63	81	144	20	19	39	21	24	45	41	22	19	41	41	—
1846-47, . . . . .	103	131	234	52	52	104	6	22	28	28	28	26	54	18	10	28	28	—
1847-48, . . . . .	138	139	277	62	63	125	19	26	45	23	23	23	46	16	15	31	31	—
1848-49, . . . . .	127	133	260	62	66	128	19	20	39	32	22	22	54	19	18	37	37	—
1849-50, . . . . .	130	119	249	53	58	111	14	9	23	19	14	14	33	27	30	57	57	—
1850-51, . . . . .	124	134	258	56	66	122	19	15	34	23	23	22	45	14	23	37	37	—
1851-52, . . . . .	145	156	301	51	53	104	19	17	36	34	24	24	58	20	23	43	43	—
1852-53, . . . . .	141	158	299	60	78	138	22	18	40	31	46	77	77	20	20	42	42	—
1853-54, . . . . .	123	173	296	53	77	130	23	16	39	117	130	247	247	18	19	37	37	—
1854-55, . . . . .	96	113	209	59	61	110	20	22	42	20	37	57	57	11	16	27	27	—
1855-56, . . . . .	102	132	234	41	55	96	11	18	29	32	18	18	32	18	14	32	32	—

1856-57,	125	140	265	46	66	112	47	33	80	6	6	12	9	6	15	1,302	1,089	2,391	5
1857-58,	166	188	354	79	84	163	59	52	111	49	70	119	7	49	21	24	30	50	5
1858-59,	106	94	200	40	40	80	26	36	62	8	3	11	1	8	21	21	19	40	1
1859-60,	105	110	215	59	57	116	14	24	38	13	6	19	1	13	14	11	17	34	1
1860-61,	127	124	251	46	56	102	30	27	57	10	5	5	1	10	15	17	32	32	1
1861-62,	108	113	221	49	55	104	24	34	58	6	3	9	1	6	10	22	32	32	1
1862-63,	114	101	215	46	49	95	49	22	71	5	10	15	1	5	17	14	31	31	1
1863-64,	125	101	226	46	56	124	63	45	108	7	7	14	1	12	16	18	34	34	1
1864-65,	117	104	221	36	46	82	58	40	98	9	3	12	1	9	12	21	33	33	1
1865-66,	163	126	289	43	44	87	57	39	96	15	10	25	1	15	26	13	39	39	1
1866-67,	194	134	288	68	62	130	63	65	128	10	3	13	1	10	27	17	44	44	1
1867-68,	158	138	296	46	40	86	70	58	128	11	11	22	1	11	21	12	33	33	1
1868-69,	171	166	337	51	56	107	73	87	160	18	17	32	1	18	29	19	48	48	1
1869-70,	196	188	384	48	68	116	72	54	126	24	14	41	1	24	40	23	63	63	1
1870-71,	254	216	470	87	68	155	107	102	209	16	14	30	1	16	41	22	63	63	1
1871-72,	251	192	443	92	45	137	99	97	196	37	17	54	1	37	28	12	40	40	1
1872-73,	209	198	407	49	49	98	72	76	148	41	21	62	1	41	36	33	69	69	1
1873-74,	202	198	400	41	28	69	68	71	139	51	50	101	1	51	37	38	75	75	1
1874-75,	196	166	362	55	35	90	65	82	147	31	32	63	1	31	32	35	67	67	1
1875-76,	194	157	351	41	31	72	37	60	97	47	49	96	1	47	45	32	77	77	1
1876-77,	177	177	354	38	34	72	58	40	98	31	43	74	1	31	43	26	69	69	1
1877-78,	146	169	315	26	31	57	39	49	88	69	69	138	1	69	22	29	51	51	1
1878-79,	76	71	147	33	14	47	20	25	45	16	21	37	1	16	22	19	36	36	1
1879-80,	103	130	233	29	12	41	27	25	52	19	31	50	1	19	30	17	47	47	1
1880-81,	145	104	249	31	23	54	33	31	64	16	13	29	1	16	26	21	47	47	1
1881-82,	180	130	310	29	26	55	32	47	79	10	17	27	1	10	29	26	55	55	1
1882-83,	122	153	275	33	28	61	33	37	70	19	22	41	1	19	23	30	53	53	1
1883-84,	117	135	252	24	29	53	29	42	71	17	34	51	1	17	33	24	57	57	1
1884-85,	170	148	318	45	29	74	31	40	71	47	21	68	1	47	39	29	68	68	1
1885-86,	167	166	323	34	31	65	38	75	113	82	44	126	1	82	26	21	47	47	1
1886-87,	168	147	315	46	29	75	45	45	90	85	59	144	2	85	35	26	61	61	2
1887-88,	205	184	389	45	36	81	38	51	89	20	55	75	2	20	36	31	67	67	2
1888-89,	209	182	391	62	41	103	49	77	126	36	21	57	2	36	41	22	63	63	2
1889-90,	247	189	436	77	42	119	58	63	121	82	59	141	1	82	55	25	80	80	1
1890-91,	307	242	549	86	43	129	67	66	133	92	73	165	1	92	44	37	81	81	1
Totals,	8,306	7,902	16,208	2,800	2,703	5,503	2,128	2,212	4,340	1,669	1,460	3,129	9	6	15	1,302	1,089	2,391	5

25. — Table showing Admissions, Discharges and Deaths, etc. — Concluded.

YEARS ENDING SEPT. 30.	ON VISIT.			REMAINING SEPT. 30 IN EACH YEAR.			AVERAGE NUMBERS RESIDENT.			PERCENTAGE OF RECOV- ERIES ON DISCHARGES. (Including Deaths.)			PERCENTAGE OF DEATHS ON AVERAGE NUMBERS.			PERCENTAGE OF DEATHS ON TOTAL NUMBERS UNDER TREATMENT.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1833.				69	37	106			107	53.84	57.14	55.00	3.73	2.27	3.17	3.65	2.27	3.17
1833-34.				75	43	118			117	49.25	50.98	50.00	5.98	1.06	2.96	4.22	1.06	2.96
1834-35.				78	40	118			120	46.55	46.15	46.36	5.83	3.24	3.07	2.94	3.26	3.07
1835-36.				80	58	138			127	40.00	57.77	47.61	6.29	2.91	3.29	3.57	2.91	3.29
1836-37.				98	77	175			163	55.97	59.57	56.89	4.29	2.43	2.41	2.39	2.43	2.41
1837-38.				113	99	212			211	51.89	51.56	51.74	8.05	4.32	4.80	5.20	4.32	4.80
1838-39.				112	112	224			223	43.32	57.83	50.59	9.41	6.59	5.37	6.59	4.12	5.37
1839-40.				123	118	241			229	42.42	52.87	48.36	7.42	4.23	4.41	4.23	4.41	4.32
1840-41.				118	120	238			233	44.44	51.21	48.05	4.29	2.63	2.48	2.63	2.48	2.55
1841-42.				130	119	249			238	50.00	55.78	53.00	5.46	2.29	3.01	2.29	3.75	3.01
1842-43.				129	130	259			244	44.06	60.62	51.41	9.01	3.23	4.68	3.23	3.58	3.22
1843-44.				132	132	264			261	43.13	60.83	53.21	6.13	2.85	3.27	2.85	3.58	3.22
1844-45.				185	161	346			316	60.86	53.19	56.98	6.01	3.14	3.57	3.97	3.14	3.57
1845-46.				201	169	370			359	50.00	56.64	53.53	11.42	6.72	6.42	6.72	6.10	6.42
1846-47.				200	190	390			377	50.00	47.27	48.59	7.42	5.92	3.84	5.92	3.84	4.64
1847-48.				218	202	420			404	51.65	49.60	50.60	7.67	4.73	4.57	4.73	4.57	4.65
1848-49.				213	209	422			420	46.96	52.38	49.61	8.80	5.80	5.44	5.80	5.38	5.44
1849-50.				230	217	447			440	46.90	52.25	49.55	12.95	7.87	8.50	7.87	9.17	8.50
1850-51.				242	225	467			462	50.03	52.38	51.25	8.00	3.95	6.57	3.95	6.57	6.25
1851-52.				263	264	527			515	41.12	42.29	43.15	8.34	5.16	6.05	5.16	6.05	5.60
1852-53.				183	189	372			320	45.11	47.56	46.46	8.07	4.95	5.22	4.95	5.22	5.09
1853-54.				178	166	344			349	25.11	31.81	28.69	8.60	4.46	4.41	4.46	4.41	4.48
1854-55.				178	166	344			349	48.51	44.85	46.41	7.73	3.94	4.64	7.73	3.94	4.64
1855-56.				178	193	371			357	40.19	52.38	46.37	8.96	4.69	5.53	4.69	5.29	4.64

856-57, . . . . .	184	382	-	387	38.65	48.88	44.09	-	12.92	6.60	9.00	7.86
1857-58, . . . . .	142	303	-	372	37.98	37.33	37.64	-	10.75	5.10	4.92	4.43
1858-59, . . . . .	150	166	316	309	41.83	44.94	43.91	-	10.67	9.27	3.92	6.56
1859-60, . . . . .	154	178	332	324	58.49	58.16	58.29	-	7.71	5.49	3.98	4.70
1860-61, . . . . .	180	197	377	369	45.54	53.33	49.51	-	8.67	5.33	5.62	5.48
1861-62, . . . . .	199	166	395	401	55.05	48.24	51.23	-	7.98	3.47	7.09	5.35
1862-63, . . . . .	196	202	398	398	39.31	51.57	44.81	-	7.78	5.43	4.71	5.08
1863-64, . . . . .	167	177	344	366	44.15	44.44	44.28	-	9.28	4.98	4.94	5.44
1864-65, . . . . .	169	171	340	350	31.30	41.08	36.44	-	9.42	4.22	7.47	5.84
1865-66, . . . . .	191	191	382	368	30.49	41.50	35.22	-	10.59	7.83	4.37	6.20
1866-67, . . . . .	177	178	355	389	40.47	42.17	41.26	-	11.31	7.82	5.23	6.56
1867-68, . . . . .	187	195	382	370	31.08	33.05	31.97	-	8.91	6.26	3.79	5.06
1868-69, . . . . .	187	185	372	387	29.82	31.81	30.83	-	12.40	8.10	5.26	6.67
1869-70, . . . . .	199	211	410	396	26.08	41.97	33.52	-	15.90	10.44	6.16	8.33
1870-71, . . . . .	202	221	423	439	34.66	33.00	33.91	-	13.66	9.05	5.15	7.15
1871-72, . . . . .	197	242	439	450	35.93	26.31	32.08	-	8.88	6.17	2.90	4.61
1872-73, . . . . .	208	261	469	469	24.74	27.37	45.99	17.29	13.46	15.21	8.86	7.50
1873-74, . . . . .	213	272	485	476	20.81	14.86	17.96	17.41	14.41	15.75	9.02	8.27
1874-75, . . . . .	225	253	478	486	29.34	18.91	21.39	14.27	13.32	13.76	7.82	7.91
1875-76, . . . . .	249	238	487	500	24.11	18.02	21.05	18.63	12.36	15.39	10.73	7.80
1876-77, . . . . .	256	272	528	529	37.56	46.46	22.35	23.77	17.40	10.22	13.62	10.09
1877-78, . . . . .	246	263	509	496	15.93	49.15	16.66	17.41	11.33	10.27	5.47	6.26
1878-79, . . . . .	235	255	490	239	06	254.12	37.93	17.72	28.31	7.11	7.47	5.48
1879-80, . . . . .	233	300	533	237	75	266.08	503.83	27.61	14.11	12.61	6.39	5.68
1880-81, . . . . .	272	316	588	258	03	311.95	569.98	29.24	26.13	10.07	8.24	4.41
1881-82, . . . . .	351	330	681	311	28	330.37	641.65	28.71	22.41	9.31	6.87	5.19
1882-83, . . . . .	365	366	731	359	01	334.42	713.43	30.55	23.93	6.40	8.25	6.12
1883-84, . . . . .	378	371	749	369	39	381.60	751.00	23.20	22.65	8.93	4.86	5.54
1884-85, . . . . .	386	400	786	381	15	383.43	764.59	21.60	24.36	10.23	6.66	4.74
1885-86, . . . . .	363	395	758	391	07	755.95	18.88	18.12	10.14	7.12	8.89	5.58
1886-87, . . . . .	316	378	694	346	85	372.79	719.64	20.92	6.21	4.78	3.71	4.23
1887-88, . . . . .	382	388	770	338	85	369.34	708.19	12.25	10.08	6.97	4.79	5.59
1888-89, . . . . .	400	409	809	385	95	390.79	779.74	32.44	20.80	10.63	6.85	5.51
1889-90, . . . . .	376	409	785	394	44	417.04	811.48	32.63	5.62	7.95	3.87	6.18
1890-91, . . . . .	393	432	825	385	53	421.49	807.02	22.10	13.94	5.99	8.53	5.42
								15.06	10.03	6.44	5.68	9.07
								8.70				

NOTE. — From 1832 to 1858 the annual reports were submitted in November and December. The total average numbers resident in this table were taken from those reports, but the results of discharges, etc., have been made to October 1, and therefore will not agree with the tables in those reports.

26. — Number of Readmissions of the Same Persons, and the Total Results.

NUMBER OF TIMES ADMITTED.	NUMBER OF PERSONS READMITTED.			Number of Times Recovered.	Number of Times Improved.	Number of Times Unimproved.	Died.	Remaining in the Hospital.	TOTAL NUMBER OF PERSONS SHOWING THE SAME RESULTS.			Total of Recoveries.	Total Improved.	Total Unimproved.	Total Died in Hospital.	Total Remaining in Hospital.
	Males.	Females.	Totals.						Males.	Females.	Totals.					
Two, . . .	364	418	782	2	1	1	1	1	141	159	300	600	1	1	1	1
				1	1	1	1	1	97	123	220	220	220	1	1	1
				1	1	1	1	1	55	55	110	110	110	110	1	1
				1	1	1	1	1	53	66	119	119	119	119	119	1
				1	1	1	1	1	18	15	33	33	1	1	1	1
				3	1	1	1	1	35	33	68	204	1	1	1	1
		141	117	258	2	1	1	1	30	24	54	108	54	10	10	10
				2	1	1	1	1	4	6	10	20	10	10	10	10
				2	1	1	1	1	16	8	24	48	1	1	1	1
				2	2	1	1	1	5	8	13	26	1	1	1	13
Three, . . .				1	1	1	1	1	16	21	37	37	74	12	12	12
				1	1	1	1	1	10	2	12	12	12	12	12	12
				1	1	1	1	1	8	8	16	16	16	16	16	16
				1	1	1	1	1	6	1	7	7	7	7	7	7
				1	1	1	1	1	4	4	8	8	8	8	8	8
				1	1	1	1	1	7	1	8	8	8	8	8	8
				1	1	1	1	1	1	1	1	1	1	1	1	1
				4	1	1	1	1	13	10	23	92	21	21	21	21
		56	51	107	3	1	1	1	10	11	21	63	21	63	21	63
				3	1	1	1	1	1	5	6	18	1	6	6	18

2	2	1	1	1	1	2	1	1	1	3	1	1																				
4	8	1	1	1	3	1	1	6	1	1	4																					
5	2	1	1	7	3	2	6	2	2	1	1	3																				
22	5	3	2	27	14	2	2	3	3	3	1	7	8	4	1	1	6	8														
12	6	22	10	6	4	2	2	2	8	7	1	1	3	2	3	3	1	1	55	28	4	27	12	12	3	12	3	3	6	8		
4	2	11	5	3	2	1	1	1	8	7	1	1	3	2	3	3	1	1	11	7	1	6	3	4	1	4	1	1	3	4		
2	1	4	1	2	1	1	5	4	1	3	1	1	1	1	1	1	1	4	6	3	1	3	1	3	1	3	1	1	1	1		
2	1	7	4	1	1	1	1	3	3	1	2	3	1	1	1	1	7	1	1	3	2	1	1	1	1	1	1	2	3			
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
1	2	1	1	1	1	1	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2		
3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	5	4	4	4	4	4	3	3	3	3	3	2	2

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26

Five, . . .

26. — Number of Readmissions of the Same Persons, etc. — Continued.

NUMBER OF TIMES ADMITTED.	NUMBER OF PERSONS READMITTED.			Number of Times Recovered.	Number of Times Improved.	Number of Times Unimproved.	Died.	Remaining in the Hospital.	TOTAL NUMBER OF PERSONS SHOWING THE SAME RESULTS.			Total of Recoveries.	Total Improved.	Total Unimproved.	Total Died in Hospital.	Total Remaining in the Hospital
	Males.	Females.	Totals.						Males.	Females.	Totals.					
				2	1	1	1	-	1	1	2	4	2	2	2	1
			2	2	1	2	1	-	1	1	1	2	2	1	1	1
			1	1	4	-	1	-	1	1	3	1	12	3	1	1
			1	1	3	1	1	-	1	1	1	1	2	2	1	1
			1	1	2	1	1	-	1	1	1	1	2	2	1	1
			1	1	1	1	1	-	1	1	1	1	2	2	1	1
			1	1	1	1	1	-	1	1	1	1	1	1	1	1
			1	1	4	1	1	-	1	1	1	1	1	4	1	1
Six, .	12	10	22	6	1	1	1	-	2	2	4	24	3	1	1	1
				5	1	1	1	-	2	2	3	15	3	1	1	1
				5	1	1	1	-	2	2	2	5	1	1	1	1
				5	1	1	1	-	2	2	3	10	1	1	1	1
				5	1	1	1	-	2	2	2	15	1	1	1	1
				4	2	1	1	-	1	1	2	8	4	1	1	1
				4	1	1	1	-	1	1	1	4	1	1	1	1
				4	1	1	1	-	1	1	1	4	1	1	1	1
				2	2	1	1	-	1	1	1	2	3	1	1	1
				2	2	1	1	-	1	1	1	2	3	1	1	1
				1	2	1	1	-	1	1	1	1	2	2	1	1
				1	1	2	1	-	1	1	1	1	2	2	1	1
Seven, .	6	8	14	7	1	1	1	-	1	1	1	7	1	1	1	1





26. — Number of Readmissions of the Same Persons, etc. — Concluded.

NUMBER OF TIMES ADMITTED.	NUMBER OF PERSONS READMITTED.			Number of Times Recovered.	Number of Times Improved.	Number of Times Unimproved.	Died.	Remaining in the Hospital.	TOTAL NUMBER OF PERSONS SHOWING THE SAME RESULTS.			Total of Recoveries.	Total Improved.	Total Unimproved.	Total died in Hospital.	Total Remaining in the Hospital.
	Males.	Females.	Totals.						Males.	Females.	Totals.					
Thirteen, . . .	2	1	3	11	1	1	1	-	1	1	1	11	1	1	1	-
				5	6	2	-	-	1	1	1	5	6	2	1	-
				3	8	2	-	-	1	1	1	3	8	2	1	-
Fourteen, . . .	1	2	3	14	-	-	-	-	1	1	1	14	-	-	-	-
				11	3	1	-	-	1	1	1	11	3	1	-	-
				10	2	1	1	-	1	1	1	10	2	1	1	-
Fifteen, . . .	1	2	3	15	-	-	-	-	1	1	1	15	-	-	-	-
				14	1	-	-	-	1	1	1	14	1	-	-	-
				14	-	1	-	-	1	1	1	14	-	1	-	-
Sixteen, . . .	1	1	2	12	3	-	-	1	1	1	1	12	3	-	-	1
				10	5	-	-	1	1	1	1	10	5	-	-	1
Eighteen, . . .	1	1	2	16	-	1	1	-	1	1	1	16	-	1	1	-
				12	6	-	-	-	1	1	1	12	6	-	-	-
Nineteen, . . .	1	-	1	4	15	-	-	-	1	1	1	4	15	-	-	-
Twenty-one, . . .	-	1	1	19	1	-	-	1	1	1	1	19	1	-	-	1
Twenty-three, . . .	-	1	1	22	1	-	-	-	1	1	1	22	1	-	-	-
	624	651	1,275	-	-	-	-	-	624	651	1,275	2,523	683	238	213	76

27.—*Subsequent History, to Sept. 30, 1887, of 1,134 Persons who have been discharged from the Hospital as recovered on their Only Admission or on their Last Readmission.*

	Males.	Females.	Totals.
Remained well and living at time of reply, . . .	164	146	310
Remained well through life, . . . . .	113	136	249
Relapsed and readmitted to this hospital, . . .	2	1	3
Relapsed, admitted to other hospitals, and died there, . . . . .	27	27	54
Relapsed, admitted to other hospitals, and discharged, . . . . .	35	32	67
Relapsed, admitted to other hospitals, and there now, . . . . .	13	20	33
Relapsed and died at home, . . . . .	48	54	102
Relapsed and died at almshouse, . . . . .	24	16	40
Relapsed and living at almshouse, . . . . .	9	3	12
Relapsed and living at home, . . . . .	22	29	51
Relapsed and nothing more known, . . . . .	9	1	10
Suicides, . . . . .	26	14	40
Relapsed and died in Andersonville Prison, . .	1	—	1
Totals, . . . . .	493	479	972
No information, . . . . .	—	—	162
	493	479	1,134

*Residence of Private Patients admitted to the Hospital from Oct. 1, 1890, to Sept. 30, 1891.*

TOWNS.	No.	TOWNS.	No.
Ayer, . . . . .	2	Milford, . . . . .	1
Arlington, . . . . .	1	Malden, . . . . .	1
Boston, . . . . .	15	Millbury, . . . . .	1
Brookline, . . . . .	1	Melrose, . . . . .	1
Clinton, . . . . .	3	Newton, . . . . .	2
Cambridge, . . . . .	2	Needham, . . . . .	1
Chelsea, . . . . .	1	Natick, . . . . .	1
Dunstable, . . . . .	1	Newburyport, . . . . .	1
Fitchburg, . . . . .	1	Orange, . . . . .	1
Framingham, . . . . .	1	Somerville, . . . . .	1
Gardner, . . . . .	1	Salem, . . . . .	1
Hardwick, . . . . .	1	Worcester, . . . . .	15
Harvard, . . . . .	1	Waltham, . . . . .	2
Lancaster, . . . . .	2	Woburn, . . . . .	1
Lowell, . . . . .	1		
Leominster, . . . . .	1	Total, . . . . .	65
Natives, . . . . .			56
Foreigners, . . . . .			9
			65

*Residence of Town Patients admitted to the Hospital from Oct. 1, 1890, to Sept. 30, 1891.*

TOWNS.	No.	TOWNS.	No.
Ashburnham, . . . . .	1	Natick, . . . . .	4
Arlington, . . . . .	1	Newton, . . . . .	3
Abington, . . . . .	1	Northbridge, . . . . .	1
Boston, . . . . .	50	Northborough, . . . . .	1
Brookline, . . . . .	3	Petersham, . . . . .	1
Bellingham, . . . . .	1	Spencer, . . . . .	2
Cambridge, . . . . .	34	Southbridge, . . . . .	1
Clinton, . . . . .	4	Somerville, . . . . .	4
Chelmsford, . . . . .	1	Sudbury, . . . . .	1
Chelsea, . . . . .	3	Sturbridge, . . . . .	1
Carlisle, . . . . .	1	Worcester, . . . . .	13
Dudley, . . . . .	1	Webster, . . . . .	1
Framingham, . . . . .	1	Wellesley, . . . . .	1
Fitchburg, . . . . .	3	Winchendon, . . . . .	1
Hardwick, . . . . .	1	West Brookfield, . . . . .	1
Holliston, . . . . .	1	Waltham, . . . . .	6
Leicester, . . . . .	1	Westminster, . . . . .	1
Lancaster, . . . . .	2	Westford, . . . . .	1
Leominster, . . . . .	1	Webster, . . . . .	3
Lowell, . . . . .	24	Watertown, . . . . .	1
Milford, . . . . .	4		
Medway, . . . . .	2	Total, . . . . .	190
Malden, . . . . .	1		

Natives, . . . . .	108
Foreigners, . . . . .	82
	<hr/>
	190

*State Patients admitted to the Hospital from Oct. 1, 1890, to Sept. 30, 1891.*

State natives, . . . . .	103
State foreigners, . . . . .	191
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Total, . . . . .	294

## LIST OF PERSONS

EMPLOYED IN THE WORCESTER LUNATIC HOSPITAL, SEPT. 30, 1891.

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Superintendent and physician, per year,	. . . . .	\$3,000 00
Assistant physician,	“ “ . . . . .	1,500 00
Assistant physician,	“ “ . . . . .	1,000 00
Assistant physician (female),	“ “ . . . . .	1,000 00
Assistant physician,	“ “ . . . . .	800 00
Assistant physician,	“ “ . . . . .	800 00
Steward,	“ “ . . . . .	1,200 00
Matron,	“ “ . . . . .	500 00
Treasurer,	“ “ . . . . .	500 00
Clerk,	“ “ . . . . .	600 00
Clerk,	per month, . . . . .	25 00
Supervisor (male),	“ “ . . . . .	45 00
Supervisor (female),	“ “ . . . . .	30 00
Assistant supervisors (male, two),	“ “ . . . . .	35 00
Assistant supervisors (female, two),	“ “ . . . . .	25 00
Marker of clothing,	“ “ . . . . .	18 00
Seamstresses (two),	“ “ . . . . .	18 00
Attendants (male, thirty-five),	\$23.00 to \$25.00 per month.	
Attendants (female, forty-two),	\$14.00 to \$18.00 per month.	
Night attendants (male, four),	\$25.00 to \$28 00 per month.	
Night attendants (female, four),	per month, . . . . .	18 00
Baker,	“ “ . . . . .	45 00
Assistant baker,	“ “ . . . . .	25 00
Storekeeper,	“ “ . . . . .	35 00
Office girl,	“ “ . . . . .	16 00
Kitchen man,	“ “ . . . . .	33 00
Cook (two),	“ “ . . . . .	22 00
Laundry man,	“ “ . . . . .	30 00
Laundress,	“ “ . . . . .	20 00
Assistant laundry man,	“ “ . . . . .	25 00

Laundry girls (six), \$14.00 to \$18.00 per month.

House girls (seven), \$13.00 to \$14.00 per month.

Kitchen girls (three), per month, . . . . . \$14 00

Scullery man, per month, . . . . . 25 00

Carpenters (two), \$2 50 and \$3.00 per day.

Painter, \$2.50 per day.

Plumber, per year, . . . . . 900 00

Engineer, per year, . . . . . 1,000 00

Firemen (two), \$40 00 and \$45.00 per month.

Farmer, per year, . . . . . 1,000 00

Housekeeper (farm), per month, . . . . . 14 00

Farm laborers (eight), \$15.00 to \$30.00 per month.

Farm watchman, per month, . . . . . 40 00

Gardener, " " . . . . . 50 00

Florist, " " . . . . . 45 00

Coachman, " " . . . . . 25 00

Expressman, " " . . . . . 27 00

Basement and yard man, " " . . . . . 25 00

## SUMMARY OF FARM ACCOUNT

FOR TWELVE MONTHS, ENDING SEPT. 30, 1891.

## Dr.

Blacksmithing, . . . . .	\$264 18
Bread, etc., . . . . .	165 00
Butter, . . . . .	341 96
Current expenses, . . . . .	325 72
Fertilizers, . . . . .	801 96
Furnishings, . . . . .	213 94
Fuel and lights, . . . . .	166 28
Grain and meal, . . . . .	4,514 86
Groceries, . . . . .	546 48
Hay and pasturage, . . . . .	116 00
Labor, . . . . .	149 83
Live stock, . . . . .	1,552 50
Meats, . . . . .	699 98
Repairs, . . . . .	217 72
Seeds, . . . . .	107 39
Sugar, . . . . .	133 35
Tools, . . . . .	134 81
Water, . . . . .	44 46
Wages, . . . . .	4,066 39
Net gain for year ending Sept. 30, 1891, . . . . .	3,246 31

\$17,809 12

## Cr.

24 $\frac{1}{2}$ barrels apples, . . . . .	\$37 00
633 bunches asparagus, . . . . .	53 30
98 $\frac{1}{2}$ bushels shell beans, . . . . .	98 36
44 bushels string beans, . . . . .	33 00
179 $\frac{1}{2}$ bushels beets, . . . . .	95 63
5,689 pounds beef, . . . . .	413 34
80 barrels cabbages, . . . . .	63 00
11,208 pounds cabbages, . . . . .	112 08
165 dozen bunches celery, . . . . .	83 42
31 bushels carrots, . . . . .	15 50
119 bushels and 32 dozen cucumbers, . . . . .	72 05
195 pounds cauliflower, . . . . .	7 80

158 barrels green corn, . . . . .	\$237 00
1,817 quarts currants, . . . . .	145 84
147 pounds chicken, . . . . .	30 13
1½ dozen egg plants, . . . . .	1 50
472½ dozen eggs, . . . . .	106 00
32,945 pounds hay, . . . . .	329 45
75 pounds horse radish, . . . . .	7 50
467½ dozen heads lettuce, . . . . .	118 40
74½ dozen leeks, . . . . .	18 67
45 melons, . . . . .	4 50
262,827 quarts milk, . . . . .	10,513 08
471 bushels onions, . . . . .	471 00
1 peck okra, . . . . .	50
109 bushels peas, . . . . .	120 00
44½ bushels parsnips, . . . . .	22 75
2 bushels peppers, . . . . .	2 00
118 bushels pears, . . . . .	118 00
27 bushels ruta bagas, . . . . .	13 50
769 dozen radishes, . . . . .	38 45
4,217 pounds rhubarb, . . . . .	66 70
30,257 pounds winter squash, . . . . .	229 43
122 dozen summer squash, . . . . .	30 50
1,351 quarts strawberries, . . . . .	162 12
5 bushels summer savory, . . . . .	5 00
2 bushels sweet marjoram, . . . . .	2 00
6 bushels sage, . . . . .	6 00
4 bushels thyme, . . . . .	4 00
329 bushels tomatoes, . . . . .	117 15
182 bushels turnips, . . . . .	84 30
Use of teams for drawing, . . . . .	479 50
Wood, . . . . .	22 00
Cash for bones, . . . . .	18 22
Cash for hides and tallow, . . . . .	32 42
Cash for live stock, . . . . .	1,133 89
Cash for old iron, . . . . .	1 00
Cash for 32,433 pounds pork, . . . . .	2,032 14
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	\$17,809 12



## PRODUCTS OF THE FARM.

ON HAND OCT. 1, 1891, AND NOT DELIVERED AT HOSPITAL.

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Apples, . . . . .	1,200 barrels.
Apples, cider, . . . . .	1,000 bushels.
Beans, shell, . . . . .	10 bushels.
Beets, . . . . .	270 bushels.
Cabbage, . . . . .	6,000 heads.
Cauliflower, . . . . .	55 pounds.
Celery, . . . . .	3,000 heads.
Corn fodder, . . . . .	30 tons.
Corn, . . . . .	262 bushels.
Carrots, . . . . .	30 bushels.
Egg-plants, . . . . .	130
Ensilage, . . . . .	70 tons.
Hay and rowen, . . . . .	225 tons.
Leeks, . . . . .	500
Onions, . . . . .	458 bushels.
Parsley, . . . . .	5 bushels.
Peppers, . . . . .	2 bushels.
Parsnips, . . . . .	200 bushels.
Peaches, . . . . .	5 bushels.
Pears, . . . . .	142 bushels.
Rye, . . . . .	50 bushels.
Salsify, . . . . .	10 bushels.
Turnips, . . . . .	300 bushels.
Tomatoes, . . . . .	5 bushels.
Squash, . . . . .	20 tons.
Ruta-bagas, . . . . .	200 $\frac{1}{2}$ bushels.
Hay, swale, . . . . .	10 tons.
Straw, rye, . . . . .	3 tons.





