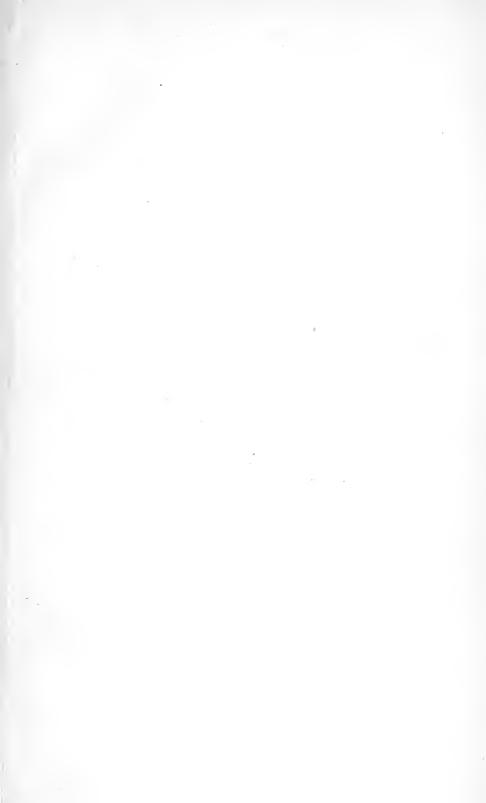


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# TWENTY-FIRST ANNUAL REPORT

OF THE

# WORCESTER INSANE ASYLUM,

АT

# WORCESTER,

FOR THE

YEAR ENDING SEPTEMBER 30, 1898.

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# OFFICERS OF THE ASYLUM.

TRUSTEES.

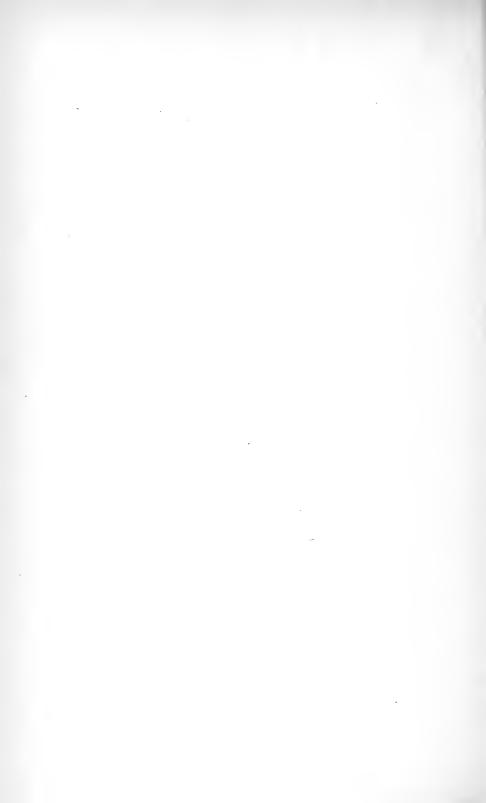
A. GEORGE BULLOCK,	•	•	•		•	•	WORCESTER.
THOMAS H. GAGE, .							WORCESTER.
GEORGE W. WELLS,				•			SOUTHBRIDGE.
ROCKWOOD HOAR,.				•		•	WORCESTER.
DAVID T. DICKINSON,							CAMBRIDGE.
SARAH E. WHITIN,.						•	WHITINSVILLE.
FRANCES M. LINCOLN	<b>,</b> •					•	WORCESTER.

#### RESIDENT OFFICERS.

ERNEST V. SCRIBNER, M.D.,	•	,	,	Superintendent.
HARTSTEIN W. PAGE, M.D.,			•	Assistant Physician.
THOMAS HOWELL, M.D., .				Assistant Physician.
ABBIE S. FAY,				Matron.

#### NON-RESIDENT OFFICERS.

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



# Commonwealth of Massachusetts.

#### TRUSTEES' REPORT.

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

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

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

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

Considerable work of reconstruction and repair has been accomplished during the past year. In all this work special reference has been had to improvement in sanitation. Considering the advanced stage of mental disease in all our patients, together with the weakened power of resistance to physical ailments, the very small death rate of the year speaks favorably for the results achieved.

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

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

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

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

WORCESTER, MASS., Oct. 1, 1898.

### OFFICERS AND THEIR SALARIES.

ERNEST V. SCRIBNER, M.D., Supe	rinte	ndeni	t, .			\$2,500	00
HARTSTEIN W. PAGE, M.D., Assis	tant	Phys	ician,			1,300	00
THOMAS HOWELL, M.D., Assistant	t Phy	/s <b>ici</b> a	n,			1,000	00
FREDERICK H. BAKER, M.D., Path	holog	ist,				100	00
ABBIE S. FAY, Matron,	•	•	•	•		400	00
ALBERT WOOD, Treasurer, .		•				400	00
GEORGE L. CLARK, Auditor, .	•	•				50	00
MARIAN D. CUDWORTH, Clerk,		•				600	00
WILLIAM SHERMAN, Engineer, .	•	•	•	•	٠	1,000	00

### VALUE OF STOCK AND SUPPLIES.

Ост. 1, 1898.

Live stock,								\$250	00
Produce of the garden on h	and.	,						857	
Carriages and agricultural	imp	lemei	nts,					500	00
Machinery and mechanical	fixti	ares,	•					9.000	00
Beds and bedding in inmat	tes' d	lepart	tment	t,				9,000	00
Other furniture in inmates	' dep	artm	ent,	•				3,500	00
Personal property of State	-				deps	artme	ent,	9,500	00
Ready-made clothing,		-						2,924	81
Dry goods,								763	21
Provisions and groceries,								1,461	63
Drugs and medicines, .					•			375	00
Fuel,								3,500	00
Library,					•			600	00
Other supplies undistribute								1,695	73

\$13,927 88

WORCESTER INSANE ASYLUM. [Oct.

### TREASURER'S REPORT.

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

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

mg septi	, 1	000,		Pr	ECEII	סידר					
Cash on ha	nd Sen	t 30	1897		SUBII	10.					
Cash belongi	~							\$12,575	5 65		
Deposits of in						•		1,232			
Deposits of h	macco,	•	•	•	•	•	•			\$13,808	08
Amounts r	eceived	: —								. ,	
From the Con	imonw	ealth	for su	appoi	rt of j	patier	ıts,	\$17,804	53		
From cities a	nd town	ns for	sup	port o	of par	tients	, .	55,581	96		
From other s	ources,						,	750	28		
From patient	s, .							128	84		
										74,265	61
										\$88,073	60
										\$00,010	
The expe	enditu	res f	or tl	ie ye	ear l	have	beer	n as fol	low	s : —	
Salaries and	TTD COD			· ·						\$23,801	0.9
balaries and	wages,	•	•	•	•	•	•	• •	•	φ <i>20</i> ,001	94
Provisions	and sup	oplies	:								
Meat of all ki	inds,					e		\$2,852	69		
Fish of all kin	nds,							661	30		
Fruit and veg	retables	·, ·						2,634	78		
Flour,								4,041	92		
Meal for tabl								43	28		
Hay and grai	n, .							463	32		
Tea and coffe	е, ,		,					581	45		
Sugar and me	olasses,							1,075	55		
Milk, butter a	nd che	ese,						$6,\!584$	06		
Salt and other	r groce	ries,						316	50		
All other prov	visions,			,				2,053	26		
0.41.								<u>.</u>	10	21,308	11
Clothing and			•	•	*	•		\$4,399			
Fuel,		•	•	•	•	•	•	4,427			
Lights, .	•	·	•	'	•	•	•	1,053	40		
Amounts	<b>c</b> arr <b>i</b> ed	forw	ard,	•	•	·		\$9,880	36	\$45,110	03

### 1898.] PUBLIC DOCUMENT-No. 23.

Amounts brought forward,		,	•		<b>\$9,880</b>	36	\$45,110	03
Medicine and medical supplies					226	66		
Furniture and furnishings,		÷			1,577			
Crockery,					114			
Beds and bedding,					349	08		
Transportation,					335	35		
Travelling,					60	00		
Trustees' expenses,					<b>2</b> 0	92		
Soap,					677	43		
Water,					284	64		
Stationery,	•				80	52		
Undertaking,					102	00		
Repairs (ordinary),					6,287	12		
All other current expenses,					1,976	55		
							21,972	<b>22</b>
Total current expenses,							\$67,082	25
Repairs and improvements (ex		rdina	• rv)	:	\$12,000		401,002	20
Refunded inmates (on deposits		•			-	82		
nerundou minates (on deposite	"	•	•	•			12,084	82
Total amount expended,							\$79,167	07
Cash on hand Sept. 30, 1898,		÷					8,906	
Cash on hand Soper co, 1000,	•	•	·	•	· ·	·		
							\$88,073	69
	Res	OUR	ES.					
Cash on hand,					\$8,906	62		
Due from Commonwealth for s	suppo	ort.			4,570			
Due from cities and towns,					13,545			
2 do nom ontos una tomas,							\$27,022	33
	LTAI	BILIT	IFS					
Due for supplies and expenses,					\$2,279	84		
	•		:	:	2,077		,	
inmates (cash on deposits)				•	1,276			
minates (cash on deposits)	/ 1	•	•	•	1,210		5,634	04
Total surplus,	•		•		q .	۰	\$21,388	29

#### Respectfully submitted,

#### ALBERT WOOD,

Treasurer.

WORCESTER, MASS., Oct. 1, 1898.

#### WORCESTER, MASS., Oct. 24, 1898.

The undersigned has this day carefully compared the treasurer's statement of expenditures for the year ending Sept. 30, 1898, with the vonchers which are on file at the Worcester Insane Asylum, and finds it to be correct. He has also compared the amount of bills rendered for the board of patients with the estimated earnings of the institution for one year, and finds them to agree.

GEO. L. CLARK, Auditor of Accounts.

### SUPERINTENDENT'S REPORT.

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

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

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

#### 1898.] PUBLIC DOCUMENT - No. 23.

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

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

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

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

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

The course of instruction to attendants has been continued. The good results of this instruction have been most marked among the female nurses, and among them the greatest interest has been shown. The changes among the male attendants have been more frequent, and the material not always of the best. A special effort, however, has been made to impress upon them a clearer understanding of their duty, and to thus fit them for its more intelligent performance. The more inexperienced the individual, the greater profit will there be in his instruction. Since a more intelligent service is now demanded from the hospital attendant, no effort should be spared to extend the horizon of his knowledge and to more fully fit him for the duties of his position. 1898.]

			Whole	Daily Average	] ]	DEATHS	3.	Per Cent. on	Per Cent. or
OFFICIAL	YEA	R.	Number of			les.	an a	Whole Number	Daily Aver
			Patients.	of Patients.	Males.	Females.	Totals.	of Patients	age Number
					Ma	Fei	To	treated.	of Patients
1877-78,			429	382.98	18	8	26	6.05	6.78
1878-79,		÷	422	367.41	22	11	33	7.82	8.98
1879-80,			413	363.15	15	8	23	5.56	6.33
1880-81,			401	363.09	18	6	24	5.98	6.62
1881-82,			439	375.59	21	11	32	7.28	8.51
1882-83,			461	384.33	37	24	61	13.23	15.84
1883-84,			438	390.69	22	20	42	9.58	10.75
1884-85,			448	391.12	20	14	34	7.58	8.69
1885-86,			476	400.28	23	15	38	7.98	9.49
1886-87,			444	393.52	21	17	38	8.55	9.65
1887-88,	•		451	393.95	23	14	37	8.20	9.39
1888-89,		•	431	385.56	27	11	38	8.81	9.85
1889-90,			428	330.23	27	4	31	7.24	9.38
1890-91,		•	464	394.66	22	12	34	7.32	8.61
1891 - 92,	•	•	499	427.82	22	15	37	7.41	8.64
1892–93,	•	•	519	446.94	38	20	58	11.17	12.97
1893-94,			515	442.23	22	21	43	8.35	9.72
$1894 - 95, \cdot$	•	•	504	460.68	22	24	46	9.13	9.99
1895–96,	•	•	467	427.36	16	19	35	7.49	8.19
1896-97,	•	•	465	438.14	11	15	26	5.59	5.93
1897–98,	•	•	457	428.16	6	15	21	4.59	4.97

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

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

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

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

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

A new circular bay window has been added to the north wing. The increase of light and cheer has exceeded my anticipation, and has practically transformed these wards into the brightest and most attractive in the institution. The success of this feature of construction has been so marked that the work is being duplicated, to a certain extent, in connection with the south wings. The work in this latter place, however, has been of a much more extensive nature. Not only has a bay window been added, but a high bank wall has been removed, and with some excavation a large, bright and airy room has been constructed, facing the sun. This room, with proper subdivision, can be utilized for a great variety of purposes, furnishing much-needed work rooms and possibly dining facilities. This addition has been roofed in, and the completion of the interior will be accomplished during the coming winter. In prosecuting this work the opportunity will be taken to extend and improve the ward ventilation. A new laboratory and work room is approaching completion, and will furnish facilities for furthering scientific investigation.

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

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

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

To all the officers of the institution I am indebted for a most cordial co-operation and faithful performance of their duties. The employees, in the main, have rendered efficient service. During the winter weekly entertainments have been given in the chapel. To very many of our patients these have afforded great enjoyment and satisfaction. The usual religious services have been held.

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

> E. V. SCRIBNER, Superintendent.

#### **REVISED TABLES**

FOR

# UNIFORM STATISTICS

IN THE

MASSACHUSETTS HOSPITALS AND ASYLUMS FOR THE INSANE.

Approved by the State Board of Lunacy and Charity, March 10, 1891.



1.—General Statistics of the Year.

				INSANE.		DR	DRUNKARDS.	08.	PA	PATIENTS.		V	AGGREGATES.	ŵ
	:		Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Patients in asylum Oct. 1, 1897,			217	218	435	1	I	1	1	1	1	217	218	435
Admitted within the year,				21	22	1	3	I	I	I	I	-	21	22
Whole number of cases within the year,			218	239	457	1	ł	i	I	1	1	218	239	457
Discharged within the year,			12	26	38	!	ł	ł	I	I	1	12	26	38
Viz.: as recovered,			1	\$		1	1	I	I	I	I	1	1	1
as much improved,			I	1	1	I	I	I	I	I	I	I		1
as improved,			1	1	1	I	1	1	1	ţ	1	1	I	1
as not improved,			õ	10	15	I	1	1	I	1	1	5	10	15
as not insane,			I	1	I	1	}	1	I	1	1	ł	I	1
$Deaths, \ldots \dots \dots \dots \dots$			9	15	21	I	I	I	1	I	1	9	15	21
Patients remaining Sept. 30, 1898,			206	213	419	Ĩ.	1	1	t	1	1	206	213	419
Viz.: supported as State patients,			55	52	107	1	1	ł	1	1	ŀ	55	52	107
as town patients,	•	•	151	161	312	1	ł	1	I	I	1	151	161	312
as private patients, .			I	I	I	I	1	1	ł	ł	1	I	3	1
Number of different persons within the year,			217	239	156	1	1	١	1	I	1	217	239	456
Persons admitted,				21	22	}	1	1	l	I	1		21	22
Persons recovered,				I	-	I	I	1	ł	1	1	1	1	1
Daily average number of patients,	•	. 211	64	216.59	128.16	1	I	I	1	1	1	11.57	216.59	428.16
Viz.: State patients,	•	. 55			104.84	1	I	ł	I	1	I	55.31	49.53	104.84
town patients,		. 156	156.26 1	67.06	323.32	I	1	ł	1	1	1	156.26	167.06	323.32

				ADMISSIONS.	N8.		DISCHARGES.	i		DEATHS.		DAILY A	DAILY AVERAGE OF PATIENTS IN THE HOUSE.	ATIENTS
MONTHS.			Males.	s. Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	'Potals.
1897.														
etober,			•	1	ł	1 -	1 -	1 9	1 -	1 -	10	217.00	217.65	434.65
November, December,	• •	•••	1 I 	9	9	- 01	- 07	19 49	- 01		N 60	214.23	219.26	433.48
1898.														
muary.				•	1	1		1	ì	1		214.00	220.23	434.23
February				1	I	1	57	5	I	C1	01	214.00	219.00	433.00
areh.			۱ 	•	i	57	-	¢,	01		ۍ ا	213.03	217.71	430.74
bril.				•	1	1		-	I	,	1	212.00	216.00	428.00
AV.				1	}	9	6	15		-	67	210.68	214.84	425.52
me.		-		15	16	I	1	-	)	-	1	206.53	206.10	412.63
ulv.			'	1	1	I	er,	ಣ	I	ಣ	က	207.00	218.68	425.68
ngust.				1	ł	1		1	I	-	1	207.00	216.97	
September,		-		1	1	<del>,</del>	-11	ů.	F	ŝ	20	206.73	215.10	421.83
Total of cases, .			-	31	22	12	26	38	9	15	21	I	I	1.
Total of persons,				21	22	12	26	38	9	15	21	I	1	I
Daily average, .	•		•		I	I	ŀ	I	ł	1	ł	211.57	216.59	428.16

2. - Monthly Admissions, Discharges and Averages.

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	-	CA	SES ADMITT	ED.	TIM	IES PREVIOU RECOVERED.	
NUMBER OF THE ADMISSION		Males.	Females.	Totals.	Males.	Females.	Totals.
First (to this asylum),		-	19	19	-	-	-
Second (to this asylum),		1	2	3	-	-	-
Total of cases, .		1		22	-	-	-
Total of persons,.		1	21	22	-	-	-

3. - Received on First and Subsequent Admissions.

4. — Relations to Hospitals of Persons admitted.

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Never before in any hospital for the insane, .		-	-
Former inmates of this asylum only,	_	-	-
Former inmates of other hospitals only, .	_	19	19
Former inmates of this asylum and other hos- pitals,	1	2	3
Total of persons,	1	21	22

				MA	LES.	FEM.	ALES.	Тот	ALS.
PLACES 0	F NA	TIVI	ΓY.	Father.	Mother.	Father.	Mother.	Father.	Mother.
Unknown, .				1	1	21	21	22	22
Total, .		•	•	1	1	21	21	22	22

	PL	ACI	es.		 		Males.	Females.	Totals.
assachusetts : —									
Suffolk County,							1	6	7
Norfolk County,				•	•	•	-	2	2
Worcester County,							-	12	12
Middlesex County,						•	-	1	1
Totals,	•					•	1	21	22
Viz.: cities and towns,	•					•	1	21	22
couutry districts,							-	-	-

6. — Residence of Persons admitted.

7. — Civil Condition of Persons admitted.

		UN	MARI	RIED.	М	ARRI	ED.	WI	DOW	ED.	UN	KNO	WN.	т	OTALS	3.
NUMBER O ADMISSI	 	Males.	Females.	Totals.												
First, .		-	7	7	-	10	10	-	2	2	-	-	-	-	19	19
Second, .		1	-	1	-	1	1	-	1	1	-	-	-	1	2	3
Totals,		1	7	8	-	11	11	-	3	3	-	-	-	1	21	22

#### 8. — Occupation of Persons admitted.

							MA	LES										
Brass finisher,				•							•							
Total, .	•			•	•					•		•			•		•	-
						I	rem	ALE	s.									
Housewives,																		1
Domestics, .	•																	
Seamstresses,																	٠.	
No occupation,																		
Total, .	•	•	•	•	•	•	•	•	•	•	•	•	·	•	•	•	•	2
				И	/IFE	OR	DA	UGI	HTE	RО	F —							
Unknown, .						•												2
Total, .																		2

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9. - Probable Causes of Disease in Persons admitted.

# PUBLIC DOCUMENT-No. 23.

			PAT	IENT	S AD!	PATIENTS ADMITTED.	ъ.					INSANE.	ίE.			HAI	AUTIE	HABITUAL DRUNKARDS.	UNKA	RDS.		Vol	VOLUNTARY PATIENTS.	LT PA	TIEN	Ŀs.
CAUSES.	I	INSANE.	5	DRU	HABITUAL DRUNKARDS.	RDS.	VOL PAT	VOLUNTARY PATIENTS.	RY S.	PRF ATT	PREVIOUS ATTACKS.		HERE P.	HEREDITARY PRE- DISPOSITION.	RY N.	PRE' ATTA	PREVIOUS ATTACKS,	H Q	EREDIT. PRE- ISPOSITI	HEREDITARY PRE- DISPOSITION.		PREVIOUS ATTACKS.	DUS MS.	H	HEREDITARY PRE- DISPOSITION.	(TARY 5- TION.
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	l'ot.	Ma. I	T. T	ot. A	Ia. F	e. T.	ot. M	La. F	Fe. Tot. Ma. Fe. Tot.	t. M.	H i	Ma. Fe. Tot. Ma. Fe. Tot. Ma. Fe. Tot.	M	ı. Fe	. Tot	Ma	. Fe	. To
1 Physical :																					<u>.                                    </u>					
Overwork and anxiety,	J	1	г	1	I	ı	I	I	I	ı	1	1	ı	, 1	,		1	1	1	'	1	1	I	1	I	t
Senility and poverty,	I	-	1	1	1	1	I	1	t	ı	ı		r		1		1	1	-	1	1		1	1	1	ı
Childbirth,	ı	-	1	1	I	i	I	I	1	1	1	1	ı				1	1			1		1	1	1	4
Intemperance,	ı	1	Г	1	I	J	I	1	1	I	1	1	F	-		· ·	1	1	1	1	1		1	1	1	1
Hereditary ill health,	I	I	г	1	i	i	1	I	1	1	1	1	F	1	1	· 	1	1	1	1	1	1	1	1	1	
2 Mental :						_																				
Anxiety,	I	1	1	F	I	J	ł	1	1	ı	1	1	1		ı	,	1	'	1	1	1	1	I	1	1	1
Religious excitement,	I	Ч	1	I	t	1	ı	I	1	I	1	1	1		1		1	1	1	1	1	1	1	1	1	1
Unknown,	1	14	15	1	I	1	I	ı	ı	I	¢1	c1	-		-	· •	1	1	1	1	1	-	1	1	1	1
Totals,	-	12	55	'	1	1	1	1	1		61	61			61		1	' 	1	i	-	•	1	1	1	1

# WORCESTER INSANE ASYLUM.

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						:								
				INSANE.		llabitu	HABITUAL DRUNKARDS.	CARDS.	VOLUNI	VOLUNTARY PATIENTS.	ENTS.	AG	AGGREGATES.	
PATIENTS.			.səls1(	Females.	.sistoT	Jales.	Females.	.slatoT	.ssisM	Females.	.elsioT	Jales.	Females.	.sistoT
Admitted,	•	•	F	21	22	I	I	I	I	I	1	-	21	22
Discharged recovered,.	٠	•	1	l	ł	ł	1	I	I	I	ł	I	I	I
much improved, .			I	I	1	ł	I	1	I	I	I	I	1	1
improved,	•	•	ł	1	1	ł	I	I	1	I	ł	I	1	I
not improved, .			ł	I	1	l	1	1	I	I	1	I	i	1
not insane,		•	1	1	1	I	1	1	1	I	I	I	I	I
Died,			1	73	67	I	1	I	1	1	1	I	5	C1
Remaining Sept. 30, 1898, .	•		Ţ	19	20	I	I	I	1	1	ł	1	19	20
Number likely to recover or improve,	ove,		I	1	1	I	l	1	I	I	I	1	I	1
		-		-	=			-				-		

10. - Record of Cases admitted within the Year.

Death.
and
Admission
Attack,
First
at
sane
is of In
– Ages
11

			P	ERSONS FIR	TTIMUA TS	BD TO ANY	PERSONS FIRST ADMITTRD TO ANT HOSPITAL.				PERSON	PERSONS DIED.		
AGES.	-		AT F	AT FIRST ATTACK.	K.	HM	WHEN ADMITTED.	ŝD.	AT	AT FIRST ATTACK.	CK.	AT 1	AT TIME OF DEATH.	ATH.
		Ma	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, .				1		1	1		1	1	1	1	1	1
15 years and less, .				1	I	ı	I	1	1	<u>6</u> 1	67	I	1	t
From 15 to 20 years,		-	,	1	1	1	1	1	I	1	1	I	I	ł
20 to 25 years,		-		ı	1	ł	1	t	67	1	679	I	67	67
25 to 30 years,			,	1	1	I	ł	1			67		1	67
30 to 35 years,			1	1	1	ı	1	I	1	1	I	I	1	ı
35 to 40 years,	•.	-		1	1	ı	ı	ſ	-		67	-	1	67
40 to 50 years,		-	,	1	1	1	ı	I	5	4	9	67	67	4
50 to 60 years,		1		ł	I	1	1	1	1	01	GI	ı	-1	-
60 to 70 years,				ı	I	1	1	ı	1	60	ŝ		60	4
70 to 80 years,		• 		I	ı	I	1	1	ı	I	1		ര	4
Over 80 years, .		-		1	1	1	1	1	I	I	4	1	67	61
Unknown,		-		I	1	1	ı	ł	I	-	1	I	ł	1
Not insane,		1	1	I	1	1	ı	I	ł	I	1	1	1	ł
Total of persons,			.	1		1			9	15	21	9	15	21
Mean ages,		1		1	1	i	I	I	30.03	40.03	37.48	50.00	49.60	49.74
		-	-	-					_					

1898.] PUBLIC DOCUMENT - No. 23.

	FIRST ANY	Admissi Hospit	ON TO AL.		LL OTHE		,	FOTALS.	
PREVIOUS DURATION.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females	Totals.
Congenital,	-	-	-	-	-		-	-	-
Under 1 month,	-	_	-	-	-	-	-	_	-
From 1 to 3 months, .	_	-		-	-	-	-	-	-
3 to 6 months, .	-	-	_	-	-	_	-	-	-
6 to 12 months, .	-	-	-	-	-	_	-	-	-
1 to 2 years, .	-	-	- ]	-	4	-4	-	-1	4
2 to 5 years, .	-	-	-	-	10	10	-	10	10
5 to 10 years, $\therefore$	-	-	-	1	2	3	1	2	3
10 to 20 years, .	-	-	-	-	2	2	-	2	2
Over 20 years,	_	-		-	1	1	-	1	1
Unknown,	-	-	_	-	2	2	-	2	2
Not insane,	-	-	-	-	-	-	-	-	-
Total of cases, .		-	-	1	21	22	1	21	22
Total of persons, .	-	-	-	1	21	22	1	21	22
Average in years, .	-	-	-	9	5.40	5.80	9	5.40	5.80

12. — Reported Duration of Disease before Last Admission.

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# PUBLIC DOCUMENT - No. 23.

0	4
ч	1
J	Т.

CASES DISCHARGED.	TTED. RECOVERED MUCH IMPROVED. IMPROVED. NOT IMPROVED. NOT INSANE, DIED. AGGREGATE	Totale. Males. Females. Totale. Pemales. Totale. Totale. Males. Totale. Totale. Totale. Totale. Totale. Pemales. Totale. Totale. Totale. Totale. Totale. Totale.		0 10 1 1 3 6 9 3													
		Females. Totals.		I	J	T	1	1	1	1	I	1	I	ł	J	1	_
CASES	.								- 1 1							1	_
		FOKM OF DISEASE.	A Insane :	Dementla, chronic,	epileptic,	senile,	Mania, chronic,	Melancholia, chronic,	Primary deiusional insanity,	Alcoholic insanity,	Circular insanity,	General paresis,	BHabitual drunkards,	CVoluntary patients,	DNot insane,	Total of cases,	Ē

# WORCESTER INSANE ASYLUM.

LOct.

	RI	RECOVERED.	ED.	MUCH	MUCH IMPROVED.	VED.	IMI	IMPROVED.	÷	NoT	NOT IMPROVED.	'ED.	NoT	NOT INSANE.		-	DIED.		C.	TOTALS.	
NUMBER OF THE ADMISSION.	Males.	Females.	Totals.	.e9IrM	Females.	.slstoT	.estald	Females.	Totals.	.səlalı	Females.	.siatoT	Males.	Females.	.s[stoT	Males.	Females.	.slstoT	Alales.	Females.	.slajoT
First,	-	1	1	1	1	1	I	I	I	ũ	30	13	I	I	I	5	15	20	11	24	35
Second,	1	I	1	I	1	I	I	I	I	l	5	67	1	Ι	1	1	I	1	5	1	ŝ
Total of cases,	1	1	-	1	-	-	1	'		5	10	15	1		1	9	15	21	13	25	38
Total of persons,	Γ	1	1	1	1	1	1	[	I	ŝ	10	15	1	1	i	9	15	21	13	25	38

14. — Discharges, classified by Admission and Result.

15. - Causes of Death.

# 1898.] PUBLIC DOCUMENT - No. 23.

		INSANE.		HABITU	HABITUAL DRUNKARDS.	ARDS.	VOLUNT	VOLUNTARY PATIENTS.	(ENTS.		TOTALS.	
CAUSES	.eslalt	Females.	Totals.	Ales.	Females.	.elatoT	JIsles.	Females.	.slstoT	Males.	Females.	.slatoT
Nervous system : Exhaustion of chronic dementia,	1		7	I	t	I	I	1	1	I	1	
Exhaustion of chronic melancholia,	I	r 7		I	1	1	1	I	I	1	-1	н
Epilepsy,	10			1	1	I	ł	ł	I	1		
Apoplexy,	71	1	, C,	ł	1	1	ı	I	1	67	-	ŝ
Paresis,	1	-	-	I	1	1	I	I	ţ	1		-
Respiratory system :	61	4	9	1	1	I	I	1	1	61	, 4	9
Pneumonia,	I	67	67	I	I	I	l	I	1	I	61	73
General: Heart disease,	5	1	67	I	I	1	i	I	I	57	I	5
Senility,	I	4	4	1	ſ	1	I	I	I	I	4	4
$Totals, \ldots \ldots \ldots \ldots \ldots \ldots$	9	15	21	1	1	1	,		1	9	15	21
		_	_	-	-	-	-		-	-		

# WORCESTER INSANE ASYLUM.

[Oct.

				LAS1	LAST ATTACK.	CK.						Аль А	ALL ATTACKS.		
	DURA	DURATION BEFORE ADMISSION.	PORE	HOSPITAL RESIDENCE.	L RESH	DENCE.	WIIOI FROM	WHOLE DURATION FROM THE ATTACK.	TION TACK.	IN HOLI	WHOLE KNOWN PERIOD OF MENTAL DISEASE.	PERIOD SEASE.	WHOLI OF HOS	WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.	PERIOD SIDENCË
PERIOD.	Males.	Females.	.еівтоТ	.29IRIA	Females.	.sintoT	.esir](	Females.	.slatoT	Males.	Females.	.elatoT	.s9IsIC	.eslamsH	тоғала.
A Insane : -											i				
Ungenital,	1	1	1	I	I	1	1		1	1		1	1	1	
From 1 to 3 months	1 1	1 1	1 1	1 1	1 1	3	1 1	1 1	1 1	1 1	1 1	i		1	1
3 to 6 months.	1	1	I	ł	1	1	I	1	1	I	I	I	1	I	1
6 to 12 months.	l	ł	I	I	1	I	I	l	1	1	I	ł	I	1	1
1 to 2 years.	i	I	3	I	1	1	I	ł	I	1	1	I	1	1	1
2 to 5 years,	I	t	1	I	1	1	I	1	1	I	T	I	I	1	1
5 to 10 years,	ł	I	1		I	-	I	1	1		T		-	I	
10 to 20 years.	I	I	I	I	I	I	ł	ł	I	t	ł	1	1	I	1
Over 20 years,	I	l	1	ł	I	I	1	I	1	1	ł	ł	I	)	I
Unknown,	-	1		i	1	1		1	-	ł.	1	I	I	1	1
Totals,	-		1	1	1	-		1	1	1	I	1	Ч	ŀ	
Average of known cases (in months),.	t	I	1	1	k	I	I	I	I	I	1	1	1	1	1
B.— Habitual drunkards,	I	I	I	ł	1	1	I	ł	ł	ł	I	I	1	1	3
C Voluntary patients.	1	I	I	I	1	1	I	1	I	I	I	1	ı	1	1

1898.7

17. - Deaths, classified by Duration of Disease and Treatment.

#### PUBLIC DOCUMENT-No. 23.

10.80WHOLE KNOWN PERIOD OF WHOLE KNOWN PERIOD OF MENTAL DISEASE. HOBPITAL RESIDENCE. L ł 2 .efatoT I. Ł ١ |13.70|11.36|11.47||13.25|10.98|11.66||12.54|10.08|15۱ ı. .ealamales. 1-34401-Ł 1 I ALL ATTACKS. Males. ł. L 111 1 1 9 L ł l t 1-1-1-2001 ۱ Т I. 1 21 .slatoT ŧ ł t L. 110001 15Т 1 ł .eainms'd 11100001 9 ı ł .seisM t ÷ 1 WHOLE DURATION FROM L N 0 0 0 0 − 1 − t T 1 ۱ 1 1 21 .sfals. THE ATTACK. 1----15 L l ŧ. I. ł 1 Females. 9 I. t 1 1 ŧ 1 1 10100-١ .selsIV ŧ. |1.38|1.94|10.75|10.48|10.18|HOSPITAL RESIDENCE. L ł ł I. L 21 elstoT LAST ATTACK. 15L 1 ı. 1 1 1 1-00401 .enales. 9 ۱ L .selsM L 1 Т 14---1 ĩ 1 1 I L 21 DURATION BEFORE .slstoT ADMISSION. 15L £. -11 Females. Average of known cases (in years), . | 3.55| .səlsī4 9 ł I 1-1 1-----1 . • . . • . ٠ . 6 to 12 months, 1 to 2 years, . 2 to 5 years, . 5 to 10 years, . 10 to 20 years, . 6 months, 1 to 3 months, B. — Habitual drunkards, - Voluntary patients, . . ٠ Under 1 month, PERIOD Over 20 years, Unknown, . Congenital, 3 to 6 to 1 Insane : --Totals, . From A.– ċ

# WORCESTER INSANE ASYLUM.

[Oct.

18. — Annual Admissions since the Opening of the Asylum, with the Discharges and Deaths within the Official Year, and the Number of Each Year's Admissions remaining Sept. 30, 1898.

						NEW	CASES	S (FIRS	ST AD	ISSING	NEW CASES (FIRST ADMISSION TO THIS ASYLUM).	THIS	ASYL	UM).						
		A variation of the							g	ISCILAT	DISCHARGED AND DIED IN 1897-98.	D DIED	IN 18	07-98.						
YEARS ENDING SEPT. 30.		VDWITTED.		REC	RECOVERED.		MUCH	MUCH IMPROVED.	ED.	IMP	IMPROVED.	N	NOT IMPROVED.	ROVED.		NOT INSANE.	ANE.		DIED.	
	JIsles.	Females.	.slatoT	JISIC.	Females.	.s[stoT	.s9[s](	Females.	.sintoT	.səlsM	Females.	.slatoT	Males. Females.		. səlaM	Females.	Totals.	.səlaM	Females.	Totals.
Previous years, .	573	177	1,014	t	I	1	1	i	t	1			1 2	್ 	1	1				5
1890,	32	13	45	ł	I	1	I	1	1	I			-	-	1	Ì	1	1	3	1
1891,	40	95	135	t	i	I	1	I	t	1	1	1				1	1	1	67	2
1892,	53	28	81	1	1	1	1	I	1	1	1		2	2 4		1	1			5
1893,	39	30	69	1	1	F	1	1	-	1	I		1		1	1	۱ 	67	က	ů,
1894,	30	29	59	I	1	I	i	1	1	I	I		-	1	1	1	1	-	1	-
1895,	19	20	39	I	t	I	1	1	1	I	1	1	,		1.	1	I	-	4	5
1896,	1	20	20	I	I	I	1	I	1	1	1	1		00 00		1	1	1	61	67
1897,	54	11	35	I	I	I	1	1	1	I	1	1	2	1 3	ł	1	1	1	1	1
1898,	1	21	22	ł	1	1	1	1	I	1	1			1	1		1	1	61	67
Totals,	811	708	1,519	-		-	1						5 10	15			1	9	15	21

1898.]

18. - Annual Admissions, etc. - Concluded.

# PUBLIC DOCUMENT-No. 23.

Dewarment on	EACH YEAR'S AD- MISSIONS,	SEPT. 30, 1898.	Males. Females. Totals.	89 58 147	11 1 12	18 59 77	21 8 29	19 18 37	16 17 33	11 8 19	- 11 11	20 14 34	1 19 20	
	) 		Totals.		,			67			1			$\frac{1}{1}$
		- d							_					
		DIED.	Females.	1	1	1			1		1	1	1	!
			Males.		1	1	1	-	1	-	1	1	1	
		VED.	.stats.	ł	1	1	T	I	-	I	1	I	I	
		NOT IMPROVED.	Females.	I	ł	-	I	ł		I	1	1	I	ĺ
XLUM)	92-98	LON	Males.	I	I	I	I	I	ł	I	T	1	I	İ
IS AS	11 IS		.efstoT	I	I	I	I	1	ţ	I	i	I	I	1
READMITTED CASES (READMISSIONS TO THIS ASYLUM).	DISCHARGED AND DIED IN 1897-98.	IMPROVED.	Females.	I	Т	I	1	1	1	I		I	I	
IONS 7	ED AN	IRI	Males.	I	I	I	1	1	I	I	1	1	I	
ISSING	SCHARG	VED.	Totals.	1	1		1	I	I			I	I	
(REAI	DIS	MUCH IMPROVED.	Females.	1	I	t	1	1	I		I	I	1	
ASES		мисн	.z9laM	1	I	t	I	I	i	I	i	I	I	
TED C			.slstoT	ł	i	ı	١	I	I	I	i	1	1	
FTIMO		RECOVERED.	Females.	1	I	I	I	I	I	1	1	1	1	
REA		REC	Males.	J	I	I	1	I	I	1	I	I	I	İ
			.slatoT	ං	1	30	2	1	5	67	I	2	ŝ	
	ADMTTTED	THE TROP	Females.	73	I	28	ŝ	I	61	1	1	5	61	
			Alales.	Ţ	F	ଦା	4	1	I	1	I	ł	Ц	
		30.		•	•	•	•	•	·	•	•	•	•	
		SEPT.				•	•	•	•	•	•			
		S DNI		ars,										
		END		s ye										č
		YEARS ENDING SEPT. 30.		Previous years,	1890,	1891,	1892,	1893,	1894,	1895,	1896,	1897,	1898,	-1-7-W

98

#### WORCESTER INSANE ASYLUM. [Oct.'98.

S ASYLUM.	DISCHARGED AND DIED IN 1897-98. REPT. 30, 1898.	D. NOT IMPROVED. DIED.	Totals. Totals. Totals. Totals. Totals. Totals. Totals. Totals. Totals. Totals. Totals.		1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	<pre> }  1  1  1  1  1  1  1  1  1  1  1  1</pre>	1 1 1 1 1 1 1 1 1 1 1 1						
IN THIS	ED AND DIED	IMPROVED.	Маlеs. Гетаles.	 	1	ł	1	1	1	1	1	1	ı I	
CASES PREVIOUSLY RECOVERED IN THIS ASYLUM.	DISCHARGE	MUCH IMPROVED.	Females. Totals.	1	1	1	1	1	1	<b>I</b>	1	1	1	
ISUOIV		MUCI	Males.		1	1	1	I	1	1	1			1
S PRE		RD.	.etais.	1	1	I	1	1	I	1		1	i	
CASE		RECOVERED.	Females.	1	1	1	1	1	1	1	1	1	1	
-		RF	.e9[BM	1	1	l	1	1	I	1	I	1	1	
			.sistoT	t	ι	I	1	I	I	I	ŀ	1	Ι	
	ADAITATIA		Females.	I	I	I	I	1	ł	I	1	ł	1	
		4	Males.	I	ł	I	I	ł	I	ł	I	I	I	
		Y. 30.		•	•	•	•	•	•	•		•	•	
		3 SEI		s.	•	•	•	•	•	•	•	•	•	
		XEARS ENDING SEPT. 30.		Previous years,	1890,	1891,	1892,	1893,	1894,	1895,	1896,	1897,	1898,	

