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THIRTY-FOURTH
ANNUAL REPORT
OF THE
NOVA SCOTIA
HOSPITAL FOR INSANE
FOR THE YEAR 1891.



HALIFAX, N. S.
COMMISSIONER OF PUBLIC WORKS AND MINES,
QUEEN'S PRINTER.

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With compliments of

P. P. Reid,

Medical Superintendent.

OF THE

NOVA SCOTIA

HOSPITAL FOR INSANE

FOR THE YEAR 1891.



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NOVA SCOTIA HOSPITAL FOR INSANE.

HALIFAX, N. S.

1892.

COMMISSIONER:

HON. CHAS. E. CHURCH, M. P. P., M. E. C.,
Commissioner Public Works and Mines.

R. T. MURRAY, *Secretary to Commissioner.*

RESIDENT OFFICERS:

ALEX. P. REID, M.D., L.R.C.S., *Edin, &c., Medical Sup't.*

GEORGE L. SINCLAIR, M.D., *Assistant Sup't.*

W. H. HATTIE, M.D., *Assistant Physician.*

AUBREY S. HUNT, *Bursar.*

R. D. DICKSON, *Engineer.*

MRS. R. D. DICKSON, *Housekeeper.*

MISS H. SAMPSON, } *Head Attendants, Female Wards.*

MISS E. C. OGILVIE, }

ALEX. NICHOLSON, } *Head Attendants, Male Ward.*

ALEX. GRAHAM, }

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THIRTY-FOURTH ANNUAL REPORT
 OF THE
 MEDICAL SUPERINTENDENT
 OF THE
NOVA SCOTIA HOSPITAL FOR THE INSANE,
 1891.

TO THE HONORABLE CHARLES E. CHURCH,
Commissioner of Public Works and Mines :

SIR,—I have the honor to submit the Annual Report of the operations of the Nova Scotia Hospital for the Insane.

	M.	F.	Total.
Number of patients on register, Jan 1, 1891	185	163	348
Admitted during year "	57	54	111
Total under treatment for year "	242	217	459
Total discharged for year "	58	47	105
Total remaining on register Dec. 31 "	184	170	354
Daily average "	194	180	374
Discharged as recovered "	29	20	49
Discharged as improved "	17	12	29
Discharged as unimproved (quiet but demented) "	2	1	3
Died "	10	14	24
	58	47	105
Percentage of death on daily average	5.1	7.7	6.4
Percentage of death on whole number under treatment	4.1	6.5	5.3
Percentage of cure rate on admissions	52.6	37.1	44.5
Number out on trial	8	2	10

 ADMISSIONS.

There were 177 admissions, 17 more than the preceding year, made by the removal of chronics—of the admissions 16 had been previously patients—of which (11) were admitted once, (3) twice, and (2) three times.

 DISCHARGES.

Excluding deaths, there were 81 discharged, of which 49 (over 60 per cent.) were discharged as recovered or in their normal condition.

Calculated on admissions, the rate was 44.5 per cent. our general average being 44. All patients are discharged on trial, as the rule, and our estimate of recovery is guided by the result after their return home.

There are always a good many out on trial and but a small percentage is returned

 DEATHS.

There were 24 deaths, 10 men and 14 women.

Apoplexy and Paralysis.....	5 men	2 women
Paresis	2 men	
General Debility and Old age.....	2 "	7 "
Bronchitis	0	1 "
Tuberculosis	1 "	2 "
Disease of Heart		1 "
Peritonitis		1 "
	10 men	14 women.

There were two very sudden deaths from apoplexy, and it was considered desirable for the County Coroner to hold an official inquiry. This exonerated the officials from any want of care and satisfied the jury that the deaths were from natural causes.

The principal causes of death were from apoplexy and paralysis and general debility, or gradual breaking up of the vital forces.

The percentage of deaths is as usual, low, on daily average resident 6.4 per cent, and on whole number under treatment 5.3 per cent.

 PATHOLOGICAL REPORT.

We are at present engaged in making an examination of the atmosphere of the various wards of the Hospital, for the purpose of ascertaining the relative freedom of the different wards from bacteria. Thus far we have been hampered by lack of some necessary apparatus,

and have been unable to make anything like an accurate analysis, but we trust soon to have these special wants supplied, and look forward to publishing a complete analysis in our next report. A rough examination of Petri dishes containing gelatine and agar culture media, which were exposed in a few wards, shews that, considering the crowded state of the Hospital, the air is tolerably pure. The more common bacteria and moulds were present, and several colonies of *micrococcus pyogenes aureus* were found on an agar plate which had been exposed in ward M. 4—where we have recently had a number of cases of *Furunculosis*. This is of interest from the fact that the microbe named is considered to be the pathogenetic element in the production of boils and carbuncles.

It is confidently hoped that a regular system of pathological investigation such as now characterizes all the leading hospitals, may be made possible in connection with our institution. It is especially desirable that more opportunities for *post mortem* examinations be granted us. It is principally towards the autopsies that we must look for further information respecting the insanities—even more so than in the case of the ordinary "list" diseases—and we therefore feel keenly our inability to perform autopsies (unless after much delay in obtaining the sanction of friends) except in those rare cases when the body is unclaimed. We trust that this great difficulty in the way of scientific progress in our knowledge of insanity may speedily be overcome, and that some provision be made in the regulations by which we may be permitted to conduct *post mortem* examinations as in other institutions. It would then be generally known that it was the practice of this hospital to perform autopsies, and such being the case, friends of patients should not express dissatisfaction with the procedure of the executive of the institution.

In addition to the analysis of the air of the wards already referred to, considerable attention has been directed to the bacteriology of the various diseases with which our patients have been affected. This branch will receive more definite consideration during the coming year, and will be dealt with *in extenso* in our next report.

IMPROVEMENTS.

Several acres of our extremely rough stony land have been broken up, drained, and fitted for cultivation. The work is going on steadily every year, and in time we expect to receive the benefit. Though expensive to break up, yet the returns are generous in hay and root crops. This work is chiefly done by patients who are anxious to get out to work, and to them the benefit is of more value than the result of their labor to the institution.

The grounds fronting the Hospital (on the water front) have been much improved by terracing, which not only adds greatly to the appearance, but furnishes walks and airing grounds for the patients.

In cold spells of weather we had great difficulty in properly regulating the temperature of the wards, and have been adding to the *indirect* system a series of coils for *direct* heating of the large halls and most of them are now thus supplied.

The difficulty of supplying hot water incident to the corrosion of the iron pipes, galvanized as well as plain, has been so hard to overcome that notwithstanding the expense, it was decided to use brass pipes for the greater part of this service, and we anticipate much less expense and difficulty in the future.

A number of the old heating coils and chambers in the north end have been renewed and put in good working condition.

Our drainage system is very imperfect owing to defective plans when initiated, and is a constant source of trouble that can only be remedied by being remodelled. We remedied the trouble in the north end wards by making a new outside drain to the main sewer.

The long existent method of night watching or supervision was so unsatisfactory that for the past year an extra night attendant was appointed to each (male and female) division, and on the male side, where we have so many epileptic and suicidal cases, these were so grouped that to one man was allotted the duty of spending his whole time among them and the other has the supervision of the other wards, to be assisted when necessary. On the female side there has not so far been the necessity for this change in the distribution of the patients.

Arrangements have been made such that with little more expense a steam pump and boiler can be set to work at the "gate house" at the lake, to fill our main pipe in case of the water in the lake falling too low.

ACKNOWLEDGMENTS.

The Rev. C. J. Underwood had service every second and fourth Sunday, and Rev. T. C. Mellor, the third Sunday of each month.

At other times we have been favored by Revds. Dr. Burns, P. M. Morrison, J. L. George, C. W. Williams, E. B. Moore, H. H. Adams, D. M. Gordon, J. L. Dawson, J. Watson Smith, W. M. Smallman, John McMillan, Robt. Laing and Mr. Thompson,

We were favored with a concert by the choir of St James' Church, Dartmouth, and the Rev. Mr. Stewart, which was highly appreciated.

To Mr. F. G. Marshall, Sec'y. Y. M. C. A., Truro, for bundles of papers and magazines.

Miss Adams, as usual presides at the organ on Sundays, and we have also been favored every other Sunday by Miss McKenna, of Dartmouth.

To Mrs. Wiley and the Misses O'Dell, for donation of papers.

We are also indebted to Mr., Mrs. and the Misses Tremaine, and Mr. William Hill of the Customs, for their most enjoyable concerts during the year.

To Mr. and Mrs. Hagerty, J. Godfrey Smith and friends, we are under obligation for an agreeable evening's entertainment.

To clergymen of all denominations, who always come at the request of any of the inmates who desire their services; and we have many such visits.

The annual sleigh drive was, as usual, appreciated, and as well the regular dance evenings.

Arrangements are made for regular lantern entertainments.

By kind permission of Captain Drury and officers the band of H. M. S. Bellerophon very kindly gave a musical entertainment on the grounds to the patients last summer.

Messrs. Hattie and Mylius of Halifax, have favored us by frequent and large supplies of Provincial and Dominion newspapers, that add much to the cheerfulness of the patients.

We were much indebted to the Commissioners of the Provincial Exhibition last fall and to their thoughtful Secretary, Wm. McKerron, Esq., for an invitation to visit the fair, which detachments of the patients took advantage of.

The press of Halifax, and as well the press throughout the Province, contribute their regular issues; and, in common with the world outside, our patients are most interested in this form of literature.

The following papers are regularly received:

- "Acadian Recorder," (tri-weekly.)
- "Wolfville Acadian."
- "Christian Messenger and Visitor."
- "Church Guardian."
- "Colchester Sun," (Truro.)
- "Colonial Standard," (Pictou.)
- "Courier," (Digby.)
- "Eastern Chronicle."
- "Morning Chronicle," (daily.)
- "Morning Herald," (daily.)
- "North Sydney Herald," (Cape Breton.)
- "Advocate," (Sydney, C. B.)
- "Island Reporter," (Sydney, C. B.)
- "Progress," (Lunenburg.)
- "Weekly Monitor," (Bridgetown.)
- "Spectator," (Annapolis.)
- "Tribune," (Windsor.)

THE PAST YEAR.

Our work for the past year has been as usual satisfactory.

The female wards have not been crowded the past year, but the wards on the men's side have been much overcrowded.

Colchester (30), Kings (32), and Cumberland Counties (23), make no provision of such a character as will accommodate the quiet demented class which fill our wards to the exclusion of those who could receive more benefit by admission here, and in so far this is unjust to the other counties that enable us to provide room for their recent cases, and those that demand a maximum of care.

To make room for the many applicants, we discharge on trial all that may probably be treated or benefited at home, and it is a satisfaction to be able to say that but few are returned, as the improvement as a rule goes on to recovery.

Dr. Page, at the instance of the executive, made careful examinations of the institution, a duty which he performed in a most gentlemanly and painstaking manner.

The *executive* have seen fit to appoint an assistant physician to the official staff who has been on duty since last June. In Dr. W. H. Hattie, the appointee, we have a gentleman esteemed personally as well as professionally, and with his assistance we expect to engage in a wider area of scientific work than has before been possible. A few lines from him are included in this report, and we hope in future to make our work of more interest scientifically—for example—we every now and then have attacks of disease such as sore throat, fever, &c., that appear to be epidemic if not contagious, and we are at an equal loss in comprehending how they occur, or in what manner to avoid them. This is a scientific question of great moment in the sanitary condition of the institution, and its only method of solution will be by bacteriological research, which we are proposing to undertake.

There was a great scarcity of water last summer and the lake was very low, so much so, that in case of fire, we might not have been able to get water. In anticipation of such a casualty, a steam pump was installed at the lake so that if occasion required, water could have been pumped into our main pipe to supply any possible deficiency. It was not needed.

The Commissioner of Public Works and Mines and the Secretary pay their regular visits of inspection, and advise in the general management.

My thanks are due to all our officials for prompt, willing and satisfactory service, without which our efforts would fail, and to the Assistant Superintendent, Assistant Physician and Bursar, for their valued assistance, and as well for aid in preparing the statistical tables included in this report.

To you, Sir, I desire to express my appreciation of the assistance, courtesy and kindness always manifested in our official intercourse and in your visits of inspection.

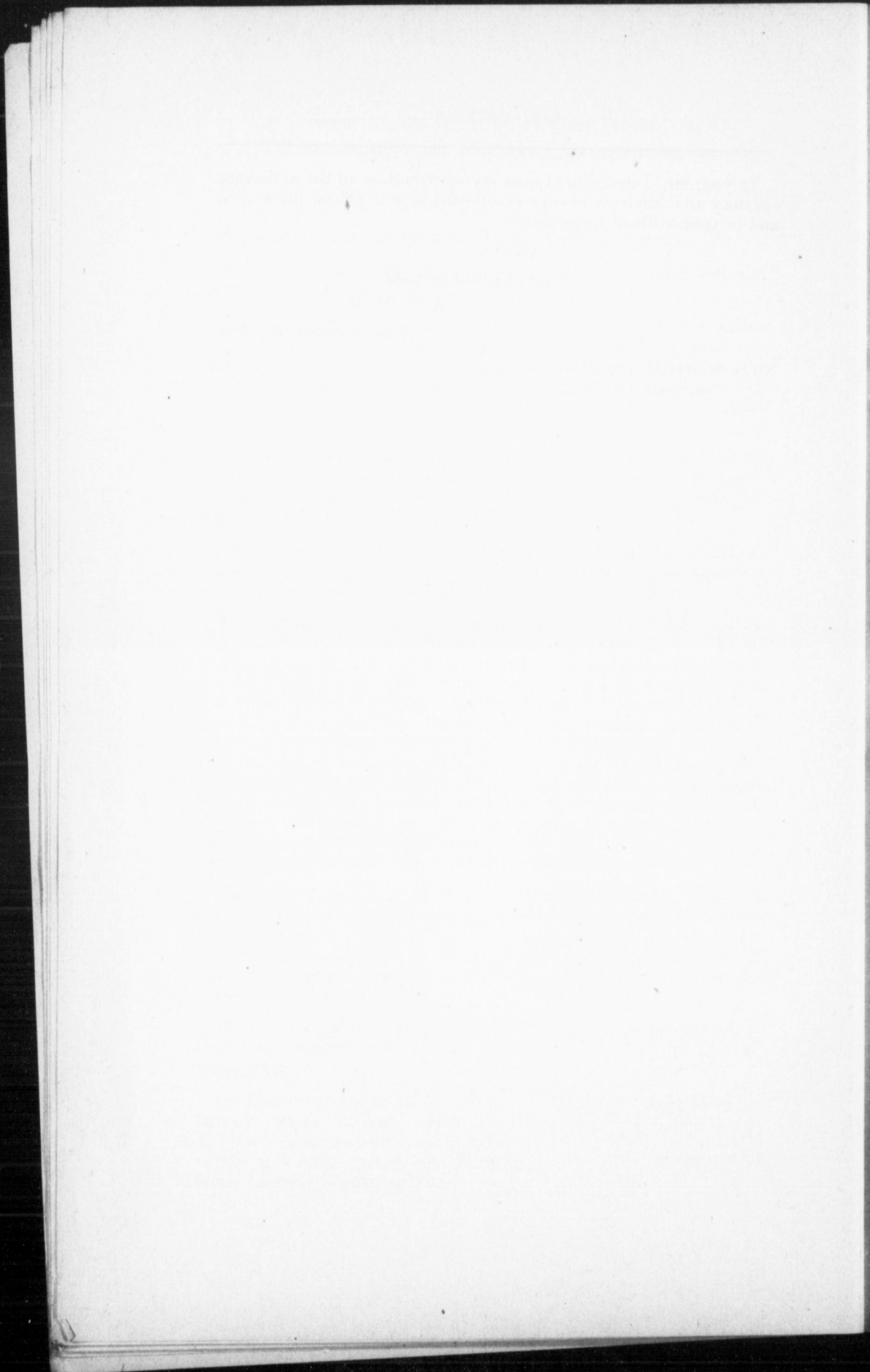
I am, respectfully,

Your obedient servant,

A. P. REID,

Medical Superintendent.

NOVA SCOTIA HOSPITAL FOR INSANE, }
January 1st, 1892. }



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STATISTICAL TABLES.

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Admission of Patients.
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TABLE I.
Showing the Admissions, Re-Admissions, Discharges, and Deaths for the Year 1891.

	MALES.			FEMALES.			TOTAL.
	M.	F.	T.	M.	F.	T.	
In Hospital 1st January, 1891.....							348
Admitted for the first time during the year	44	51	95				
Re-admitted during the year	13	3	16				
Total admitted				57	54	111	
Total under care during the year.....				242	217	459	
DISCHARGED OR REMOVED.							
Recovered	29	20	49				
Relieved	17	12	29				
Not improved	2	1	3				
Not insane	0	0	0				
Died	10	14	24				
Total discharged and died during the year.....				58	47	105	
Remaining in Hospital December 31st, 1891.....				184	170	354	
Average number during the year				194	180	374	

TABLE II.
Showing the Admissions, Re-Admissions, Discharges, and Deaths from the opening of the Hospital to the present date, December 31st, 1891.

	DISCHARGED OR REMOVED.			TOTAL
	M.	F.	T.	
Persons admitted during the period of Thirty-three years				
Re-admissions				2169 438
Total of cases admitted				1421 2607
	DISCHARGED OR REMOVED.			TOTAL
	M.	F.	T.	
Recovered	629	541	1170	
Relieved	236	185	421	
Improved	48	34	82	
Not insane	1	0	1	
Died	323	256	579	
Remaining December 31st, 1891				1237 2253
				184 354

	SUMMARY OF TOTAL ADMISSIONS, 1859 TO 1891.		BOTH SEXES.
	MALES.	FEMALES.	
Percentage of Cases Recovered	44.33	45.61	44.92
Relieved	16.61	15.60	16.15
Not improved	3.38	2.87	3.14
Died	22.73	21.58	22.21
Remaining	12.95	14.34	13.58
Total	100.00	100.00	100.00
Mean Annual Mortality—1859 to 1891	6.2	5.2	6.0

and Proportion of Recoveries per cent. of Admissions

TABLE III.—Showing Admissions, Re-admissions, Discharges and Deaths, with the Mean Annual Mortality and Proportion of Recoveries per cent. of Admissions for each Year since the opening of the Hospital.

YEAR.	ADMITTED.			DISCHARGED.									Remaining 31st December in each Year.			Average number Resident.			Percentage of Recoveries on Admission.			Percentage of Deaths on average no resident.					
				Recovered.			Relieved.			Not Improved.			Died.			M.			F.			T.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
1859	39	31	70	8	3	11	2	1	3	1	0	0	0	0	28	27	55	21	42	20.5	9.7	15.7	.0	.0	.0		
1860	32	31	63	8	6	14	2	0	2	2	0	0	0	0	45	50	95	34	36	25.0	19.3	22.2	8.8	2.8	5.7		
1861	38	22	60	14	9	23	4	1	5	7	10	3	7	10	62	55	117	55	50	36.8	40.9	38.3	5.0	14.0	9.5		
1862	31	12	43	17	5	22	1	1	2	4	1	5	6	7	74	56	130	69	52	18.7	75.0	48.8	5.8	1.9	4.1		
1863	30	17	47	17	6	23	1	1	2	4	1	6	8	12	82	67	142	70	62	56.7	29.4	46.8	7.1	1.0	4.5		
1864	23	23	46	8	10	18	1	0	3	4	6	5	14	22	75	72	154	80	74	55.0	72.7	60.9	5.0	8.4	6.6		
1865	24	22	46	12	16	28	5	2	7	1	9	5	14	22	80	77	157	81	75	47.6	33.3	40.5	1.2	4.1	2.0		
1866	21	18	39	7	17	24	6	4	10	3	1	4	5	11	87	82	169	86	99	48.0	39.0	44.0	4.6	1.2	3.0		
1867	25	18	43	12	7	19	1	1	4	5	1	2	4	8	105	216	321	99	114	53.6	29.0	41.8	6.0	8.7	7.3		
1868	40	46	86	8	12	20	2	2	4	3	6	8	13	21	121	124	245	120	114	234	53.6	29.0	41.8	5.8	5.2	5.5	
1869	41	38	79	22	11	33	2	2	4	0	0	1	14	25	134	126	260	133	128	261	27.9	44.4	34.2	10.5	8.6	9.5	
1870	43	32	75	12	12	24	3	2	5	1	0	0	20	28	122	130	252	129	131	260	67.6	56.2	62.1	15.5	6.5	10.7	
1871	34	32	66	23	18	41	3	2	5	0	0	0	13	27	130	129	259	125	133	258	45.5	57.6	50.6	10.4	10.5	10.4	
1872	44	33	77	20	19	39	3	1	4	0	0	0	11	16	129	140	268	128	138	266	66.5	52.6	59.4	8.5	4.3	6.4	
1873	36	38	74	24	20	44	3	1	4	0	0	0	10	14	129	150	279	133	145	278	50.0	57.5	53.7	7.5	2.7	5.0	
1874	34	33	67	17	19	36	6	0	6	1	1	1	12	24	156	162	318	144	156	300	32.4	45.6	37.7	7.4	4.7	6.0	
1875	68	46	114	22	21	43	6	1	7	1	0	0	12	12	164	173	337	162	169	331	51.1	48.9	50.0	7.4	4.7	6.0	
1876	45	43	88	23	21	44	2	3	5	3	8	8	14	25	173	178	351	171	176	347	47.1	55.8	51.1	8.2	6.2	7.2	
1877	51	43	94	24	24	48	4	3	7	0	0	0	14	11	183	179	362	178	183	361	42.5	74.3	55.9	7.3	1.9	4.4	
1878	54	39	93	23	29	52	5	5	10	3	1	4	13	16	183	188	364	183	187	370	63.9	44.7	54.3	4.9	2.1	3.5	
1879	36	38	74	23	17	40	9	4	13	2	4	6	9	13	172	189	361	176	192	368	47.7	48.8	48.3	6.9	4.2	5.4	
1880	44	45	89	21	22	43	14	14	28	1	0	1	12	8	178	204	382	176	200	376	27.0	44.1	36.2	10.8	4.5	7.4	
1881	37	43	80	10	19	29	2	0	2	0	0	0	19	9	178	204	382	176	200	376	27.0	44.1	36.2	10.8	4.5	7.4	
1882	51	40	91	21	20	41	2	2	6	2	0	0	10	13	194	207	399	187	212	399	39.2	50.0	45.0	5.5	6.1	5.7	
1883	50	46	96	26	26	52	14	13	27	0	0	0	11	5	193	207	400	189	211	410	52.0	56.0	54.0	5.2	2.3	3.9	
1884	39	47	86	29	22	47	15	20	35	5	1	8	17	178	206	384	190	214	404	74.3	42.7	56.9	4.7	3.7	4.2		
1885	70	42	112	25	25	47	23	4	45	1	1	2	14	20	207	212	419	194	215	408	35.7	52.3	41.9	7.2	4.1	5.6	
1886	57	57	114	29	25	54	23	22	45	0	8	8	14	16	30	198	198	396	206	216	422	50.8	43.8	47.3	6.8	7.4	7.1
1887	68	44	112	24	14	38	21	15	36	1	6	7	6	11	20	214	193	407	211	194	405	38.3	36.8	33.9	2.8	7.2	4.9
1888	57	47	104	21	25	46	22	15	37	2	0	2	20	11	31	206	189	395	213	198	411	36.8	53.1	44.2	9.3	6.1	7.5
1889	44	32	76	22	14	36	19	11	30	2	0	2	13	18	194	178	372	206	189	395	50.0	43.7	47.3	6.2	9.4	7.8	
1890	58	36	94	30	19	49	11	12	22	15	9	24	11	11	185	163	348	192	172	366	51.7	52.7	52.1	4.3	5.1	4.7	
1891	57	54	111	29	20	49	17	12	29	2	1	3	10	14	184	170	354	194	180	374	52.6	37.1	44.5	5.1	7.7	6.4	
Total	1421	1186	2607	629	541	1170	236	185	421	48	34	82	323	256	579	Mean of Thirty-three years.	44.0	45.4	44.8	6.3	5.2	6.1	5.2	6.1	6.1		



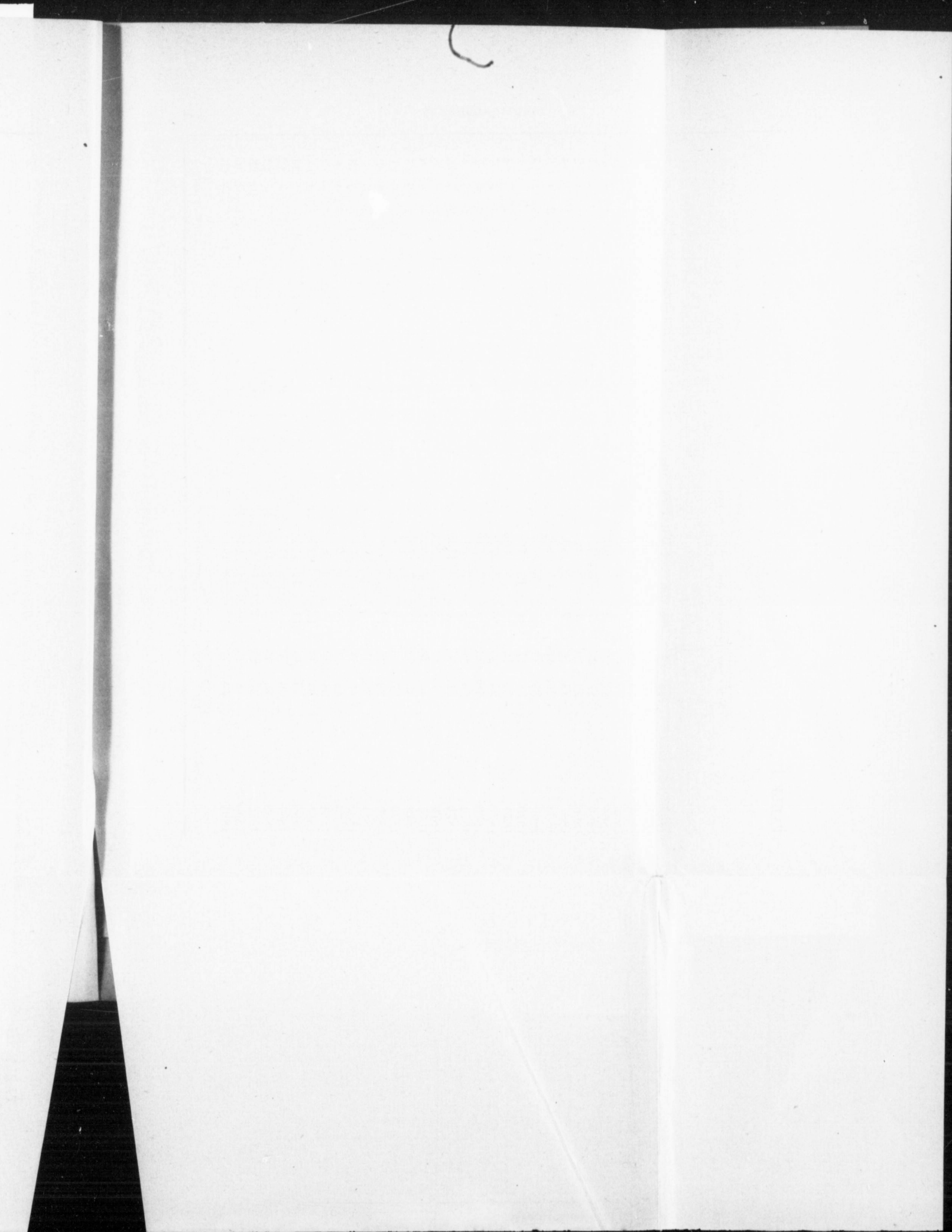




TABLE VII.

Showing the Age of Admissions, Discharges and Deaths during the year 1891.

AGES.	THE ADMISSIONS.			THE DISCHARGES.						THE DEATHS.		
	M.	F.	T.	Recovered.			Removed, Relieved or otherwise.			M.	F.	T.
				M.	F.	T.	M.	F.	T.			
From 15 to 20 years.....	2	6	8	2	4	4	1	..	1	..	..	3
" 20 to 30 "	18	10	28	9	4	13	2	..	2	..	4	4
" 30 to 40 "	9	12	21	3	6	9	5	4	9	4	2	2
" 40 to 50 "	6	10	16	9	5	14	6	4	10	4	4	8
" 50 to 60 "	14	9	23	6	2	8	2	2	4	4	3	6
" 60 to 70 "	6	6	12	..	1	1	3	2	5	3	1	1
" 70 to 80 "	2	1	3	..	..	..	..	1	1	..	..	..
Total.....	57	54	111	29	20	49	19	13	32	10	14	24

TABLE VIII.

Condition as to Marriage in the Admissions, Discharges and Deaths during the Year 1891.

TABLE VIII.

Condition as to Marriage in the Admissions, Discharges and Deaths during the Year 1891.

	THE ADMISSIONS.			THE DISCHARGES.						THE DEATHS.		
	M.	F.	T.	Recovered.			Removed, Relieved or Otherwise.			M.	F.	T.
				M.	F.	T.	M.	F.	T.			
Single	30	22	52	13	8	21	12	5	17	5	4	9
Married	26	19	45	14	7	21	7	7	14	5	6	11
Widowed	1	13	14	2	5	7	0	1	1	0	4	4
Total	57	54	111	29	20	49	19	13	32	10	14	24

TABLE IX.

Showing the probable causes, apparent or assigned, of the Disorders, in the admissions of the year 1891.

CAUSE.	THE ADMISSIONS.		
	M.	F.	T.
Ill-health from—			
Religious excitement			
Fright			
Failure in business			
Domestic trouble		1	1
Disappointment			
Grief		1	1
Anxiety	1		1
Old Age			
Cause unknown	1	2	3
Influenza		3	3
Hereditary predisposition	23	20	43
Intemperance			
Overstudy and overwork	2		2
Injury	2		2
Onanism			
Epilepsy		2	2
Sunstroke			
Fever			
Lactation			
Puerperal		1	1
Climacteric			
Unknown and re-admission	28	24	52
Paralysis			
Syphilis			
Congenital			
Total	57	54	111

TABLE X.

Alleged Ages of all Admitted.

	1891.	1859-1890.	Total.
From 5 to 10 years .....	.....	4	4
“ 10 to 20 “	8	171	179
“ 20 to 30 “	28	678	706
“ 30 to 40 “	21	590	611
“ 40 to 50 “	16	417	433
“ 50 to 60 “	23	315	338
“ 60 to 70 “	12	149	161
“ 70 to 80 “	3	46	49
“ 80 to 90 “ .....	.....	1	1
Unknown .....	.....	125	125
Total	111	2496	2607

TABLE XI.

Civil Condition of all Admitted.

	Married.	Single.	Widowed.	Unknown.	Re-admitted.	Total.
1859-1890 { Males..	450	624	49	20	221	1364
{ Females	405	427	89	10	201	1132
1891..... { Males..	19	24	1	.....	13	57
{ Females	19	20	12	.....	3	54
Total	893	1095	151	30	438	2607

TABLE XII.

Former Residence (Corrected by Separation of Re-Admissions.)

	1891.		1859-90.		Total 1859-91.	Population, 1881.
	Admission.	Re-Admission.	Admission.	Re-Admission.		
Halifax City and County	21	2	643	164	830	67,917
Colchester County	3	3	161	31	198	26,720
Cumberland "	6	...	108	22	136	27,368
Pictou "	12	2	207	64	285	35,535
Antigonish "	1	...	59	8	68	18,060
Guysborough "	6	2	69	4	81	17,808
Inverness "	4	...	50	2	56	25,651
Richmond "	5	...	34	3	42	15,121
Victoria "	6	...	34	3	43	12,470
Cape Breton "	5	1	97	19	122	31,258
Hants "	4	1	103	28	136	23,359
Kings "	8	2	125	25	160	23,469
Annapolis "	1	1	77	9	88	20,598
Digby "	4	...	37	6	47	19,881
Yarmouth "	3	2	36	3	44	21,284
Shelburne " .....	...	...	31	5	36	14,913
Queens "	2	...	36	8	46	10,577
Lunenburg "	4	...	74	16	94	28,583
Newfoundland .....	...	...	7	...	7	.....
New Brunswick .....	...	...	13	...	13	.....
P. E. Island .....	...	...	2	...	2	.....
Barbadoes and St. Thomas .....	...	...	2	...	2	.....
United States .....	...	...	16	...	16	.....
England .....	...	...	2	1	3	.....
Ireland .....	...	...	10	...	10	.....
Scotland .....	...	...	2	...	2	.....
Germany .....	...	...	2	...	2	.....
Norway .....	...	...	2	...	2	.....
Sweden .....	...	...	1	...	1	.....
India .....	...	...	1	...	1	.....
H. M. Service .....	...	...	18	...	18	.....
Unknown .....	...	...	16	...	16	.....
	95	16	2075	421	2607	440,572

TA

Agent
 Architect and
 Barristers and
 Bailiff and W
 Bakers and V
 Blacksmiths
 Barbers
 Basket Make
 Brewer
 Book-Binders
 Brass Found
 Broom-maker
 Brakeman . . .
 Butchers and
 Cooks
 Carriage Mak
 Carpenters, V
 Conductor's
 Clerks, Book
 Officers of C
 Cabinet Mak
 Coopers
 Coachmen an
 Dyer
 Druggists . . .
 Domestic
 Engineers an
 Factory Emp
 Farmers, Wi
 Fishermen, V
 Gardener and
 Gentlemen a
 Governess . . .
 Grocers and
 Hotel Keepe
 Hatter and V
 Hostler
 Housewives
 Lobster Can
 Lumbermen
 Labourers an
 Masons, Wi
 Ministers, W
 Millers and
 Merchants, V

TABLE XIII.—Former Occupation, so far as Ascertained.

	1891.		1859-90.		TOTAL.	
	M.	F.	M.	F.	M.	F.
Agent			1		1	
Architect and Wife			1	1	1	1
Barristers and Wife	1		2	1	3	1
Bailiff and Wife			1	1	1	1
Bakers and Wives			2	4	2	4
Blacksmiths and Wives	2	1	20	11	22	12
Barbers			4		4	
Basket Makers				2		2
Brewer			1		1	
Book-Binders and Wife			5	1	5	1
Brass Founders			2		2	
Broom-maker			1		1	
Brakeman			1		1	
Butchers and Wives	1		4	2	5	2
Cooks				2		2
Carriage Makers and Wives			3	1	3	1
Carpenters, Wives and Daughters	1	4	48	43	49	47
Conductor's Wife				1		1
Clerks, Book-keepers and Wives	2		28	6	30	6
Officers of Customs and Wife			5	1	5	1
Cabinet Makers and Daughters			6	3	6	3
Coopers	1		11		12	
Coachmen and Wives			3	3	3	3
Dyer			1		1	
Druggists			3		3	
Domestics		11		47		58
Engineers and Wives	1		9	9	10	9
Factory Employees				3		3
Farmers, Wives, Sons and Daughters	19	10	435	232	454	242
Fishermen, Wives, Sons and Daughters	4	2	82	48	86	50
Gardener and Wives			1	3	1	3
Gentlemen and Women	1		12	46	13	46
Governess				1		1
Grocers and Wives			7	2	7	2
Hotel Keepers, &c.			8	3	8	3
Hatter and Wife			2	1	2	1
Hostler			1		1	
Housewives		7		99		106
Lobster Canner	1				1	
Lumbermen and Wives	1		7	1	8	1
Labourers and Wives, Servants	3	3	168	188	171	191
Masons, Wives and Daughters	1		18	6	19	6
Ministers, Wives and Daughters			5	6	5	6
Millers and Wives			3	2	3	2
Merchants, Wives and Daughters	2	3	33	25	35	28

TABLE XIII.—(CONTINUED.)—Former Occupation, so far as ascertained.

	1891.		1859-90.		TOTAL.	
	M.	F.	M.	F.	M.	F.
Millers				15		15
Mechanics and Wives	1		7	2	8	2
Miners and Wives	1		24	13	25	13
Moulders and Wives			2	2	2	2
Nurses				2		2
Physicians, Wives and Daughters			8	2	8	2
Priests			6		6	
Printers	1		11	1	12	1
Painters and Wives	2		13	6	15	6
Pensioners and Wives and Daughters			2	6	2	6
Peddlers and Wives			9	2	9	2
Photographers			5		5	
Plumbers, Tinsmiths and Wives			8	1	8	1
Postmaster	1				1	
Reporters			2		2	
Ropemaker			1		1	
School Teachers, Wives and Daughters	3		28	22	28	25
Ship Captains, Wives, Stevedores	1	1	18	14	19	15
Sextons			2		2	
Seamen and Wives and Daughters	1		68	38	69	38
Soldiers, Marines and Wives			18	1	18	1
Shoemakers and Wives	1		23	9	24	9
Saddlers			4		4	
Seamstresses		1		17		18
Students			9	2	9	2
Shipwrights and Wives			11	2	11	2
Surveyors			1		1	
Shop Keepers			3	4	3	4
Sailmakers and Wives			3	1	3	1
Stone Cutters			4		4	
Tailors, Wives and Daughters			3	3	3	3
Tanners and Wives			6	5	6	5
Teamsters and Wives	1		12	4	13	4
Tobacconists			1		1	
Traders and Wives		1	8	3	8	4
Telegraph Operators			1		1	
Vagrants		1	1		1	1
Wool Sorters			1		1	
Wheelwrights			1		1	
Washerwomen				6		6
Watchmen and Wives			3	2	3	2
Watchmakers	1		1		2	
Weavers			1		1	
Unknown	5	6	8	2	13	8

TABLE XIV.

Showing the Duration of the Disorder on Admission, of the Admissions, Discharges and Deaths in the Year 1891.

TABLE XIV.
Showing the Duration of the Disorder on Admission, of the Admissions, Discharges and Deaths in the Year 1891.

CLASS.	DURATION OF DISEASE, ETC., IN FOUR CLASSES.											
	THE ADMISSIONS.			THE DISCHARGES.						THE DEATHS.		
	M.	F.	T.	Recovered.			Removed, Relieved or otherwise.			M.	F.	T.
				M.	F.	T.	M.	F.	T.			
FIRST CLASS.												
First Attack, and within three months of Admission.....	10	24	34	17	7	24	4	1	5	1	6	7
SECOND CLASS.												
First Attack, above three and within twelve months of admission	12	6	18	4	3	7	1	2	3	2	1	3
THIRD CLASS.												
Not first attack, and within twelve months of admission..	15	6	21	4	3	7	2	2	4	2	2	4
FOURTH CLASS.												
First Attack or not, but of more than twelve months' duration on admission	20	18	38	4	7	11	12	8	20	5	5	10
Total	57	54	111	29	20	49	19	13	32	10	14	24

TABLE XV.

Maintenance of Patients in Hospital, December 31st, 1891.

COUNTY.	Males.	Females.	Total.
Annapolis	4	7	11
Antigonish	1	.....	1
Cape Breton	3	7	10
Colchester	20	10	30
Cumberland	12	11	23
Digby	7	9	16
Dartmouth (Municipality).....	3	4	7
Guysborough	7	10	17
St. Mary's District.....	3	1	4
Halifax Co.....	5	8	13
" City	24	20	44
Hants, West	7	4	11
" East	4	4	8
Inverness	1	1	2
Kings	16	16	32
Lunenburg	6	5	11
" Town	2	3	5
Chester District	4	4	8
Pictou	10	13	23
Richmond	9	8	17
Shelburne .....	.....	.....	.....
Barrington District	1	1	2
Victoria	7	4	11
Yarmouth	4	1	5
Argyle District	1	.....	1
Queens	4	3	7
Province	12	6	18
Private	7	7	14
Brown and Bell Fund .....	.....	3	3
Totals	184	170	354

Annapolis
Antigonish
Cape Breton
Colchester
Cumberland
Digby
Guysborough
St. Mary's
Halifax
Halifax
Dartmouth
Hants, West
Hants, East
Inverness
Kings
Lunenburg
Lunenburg
Chester
Pictou
Richmond
Shelburne
Barrington
Victoria
Yarmouth
Argyle
Queens
Funds
Private

TABLE XVI.

Balance Due Hospital, December 31st, 1891.

	Current Acct.	Old Balance, due 1878.
Annapolis	1897 84	3620 21
Antigonish	1519 99	1528 73
Cape Breton	14003 37	6166 53
Colchester	3853 26	459 27
Cumberland	3461 66	.....
Digby	8937 06	895 79
Guysborough	4159 32	.....
St. Mary's District	1019 54	809 77
Halifax County	21827 86	615 43
Halifax City—Claims on County .....	.....	5819 09
Halifax City	4175 40	.....
Dartmouth Municipality	232 03	.....
Hants, West	351 44	.....
Hants, East	264 73	.....
Inverness	9247 80	19 91
Kings	64 60	.....
Lunenburg	423 62	.....
Lunenburg Town	830 72	.....
Chester District	604 66	2896 73
Pictou	808 77	.....
Richmond	1798 07	1423 67
Shelburne .....	.....	.....
Barrington District	691 75	117 70
Victoria	4220 13	2504 57
Yarmouth	4998 83	.....
Argyle District	203 58	.....
Queens	4109 14	2547 33
Funds	94 41	364 31
Private Patients	5668 79	3833 02
	\$99468 37	\$33622 06

TABLE XVII.*Statement for Year.*

1891.		
Jan. 1.	Stock on hand.....	\$6467 38
"	Warrants drawn.....	4231 39
Feb.	Warrants drawn.....	4607 99
March.	Warrants drawn.....	5315 51
April.	Warrants drawn.....	6300 40
May.	Warrants drawn.....	5041 71
June.	Warrants drawn.....	7018 73
July.	Warrants drawn.....	5268 95
August.	Warrants drawn.....	6714 70
Sept.	Warrants drawn.....	6149 99
Oct.	Warrants drawn.....	4888 60
Nov.	Warrants drawn.....	6631 81
Dec.	Warrants drawn.....	8640 65
		<u>\$77277 81</u>

1891.

Amount
Amount

Dec. 31.

EXPENDITURE.

1891.		
Jan. 1.	Stock on hand.....	\$6467 38
Dec. 31.	Warrants drawn for the year.....	70810 43
		<u>\$77277 81</u>

1891.

TABLE XVII.—(CONTINUED.)

Statement for the Year.

1891.	
Amount of Expenditure as per Table 19	\$70851 27
Amount deducted from Farm Account.....	945 17
Dec. 31. Stock on hand.....	5481 37
	<u>\$77277 81</u>

EARNINGS.

1891.	
Maintenance and Clothing	\$49481 59
Interest	4555 76
Sales Account, Sundries	945 17
Deficiency	16813 92
Stock on hand	5481 37
	<u>\$77277 81</u>

TABLE XVIII.

Showing the amount received from Counties and other sources during the year 1891—(Income).

Annapolis	756 70
Antigonish	
Cape Breton	
Colchester	4309 63
Cumberland	2000 00
Digby	3000 00
Dartmouth (Municipality)	1889 55
Guysboro	1000 00
St. Mary's District	400 00
Halifax Co.	3000 00
" City	
Hants, West	1527 37
" East	811 14
Inverness	1500 00
Kings	4000 00
Lunenburg	1159 00
" Town	167 35
Chester District	1300 00
Pictou	2722 81
Richmond	1800 91
Shelburne	
Barrington District	730 00
Victoria	600 00
Yarmouth	908 79
Argyle District	315 60
Queens	1000 00
Funds	361 29
Private Patients	1646 69
Provincial Government	13000 00
Water Rates	48 00
Sundry Sales	945 17
	<hr/>
	\$50900 00

Apples
Apples
Allspice
Arrowroot
Broma
Baking
Berries
Beans
Butter
Barley
Biscuit
Beef
Buckwheat
Preserv
Cocoa
Cassia
Cloves
Curry
Chocola
Corn S
Corn M
Citron
Cheese
Cranbe
Coffee
Curran
Cream
Ducks
Essenc
Eggs
Fish, F
Fowls
Flour
Fish, L
Ginger
Geese
Gelatin
Hops
Hams
Haddi
Herrin
Herrin
Lobste
Lamb
Lard
Lemon
Rabbit

TABLE XIX.

Expenditure.

FOOD.			
Apples (Evaporated)...	\$ 24 00	Rhubarb	50
Apples	155 25	Mackerel	8 35
Allspice	4 30	Mustard	19 40
Arrowroot	5 00	Malt	6 50
Broma	10 08	Macaroni	8 80
Baking Powder	67 96	Milk	1538 19
Berries	73 15	Molasses	308 59
Beans	16 56	Mutton	233 56
Butter	2389 97	Marmalade	2 25
Barley	53 97	Nutmegs	4 50
Biscuit	129 57	Oatmeal	479 45
Beef	5316 21	Oysters	4 45
Buckwheat	3 06	Oranges	12 50
Preserves	1 50	Onions	44 56
Cocoa	10 13	Pork	122 15
Cassia	4 00	Pickles	9 50
Cloves	1 40	Pepper	8 15
Curry	30	Prunes	14 40
Chocolate	2 45	Peaches (Evaporated) ..	60
Corn Starch	1 60	Peas	104 53
Corn Meal	120 24	Potatoes	919 87
Citron	2 00	Partridges	3 35
Cheese	115 17	Rice	104 81
Cranberries	46 15	Raisins	69 63
Coffee	214 70	Sugar, Brown	708 25
Currants	47 86	Sugar, White	72 47
Cream Tartar	33 00	Shad	17 25
Ducks	90	Sauces	20 40
Essences	5 05	Salt	50 98
Eggs	165 00	Sausages	33 39
Fish, Fresh	609 73	Salmon	26 76
Fowls	40 85	Soda	1 24
Flour	2645 70	Saur Kraut	4 80
Fish, Dry	446 53	Sago	12 00
Ginger	6 50	Suet	52 15
Geese	83 60	Syrup	5 85
Gelatine	5 00	Tea	893 96
Hops	4 50	Tapioca	7 50
Hams	117 23	Tongues	5 50
Haddies	16 78	Turnips	2 10
Herring	80 00	Tomatoes	5 92
Herring (Smoked)	4 00	Turkeys	55 72
Lobsters	7 46	Veal	51 58
Lamb	48 00	Vinegar	27 89
Lard	3 75	Vegetables (Evaporated)	31 80
Lemons	2 35	Vegetables (Canned) ..	8 00
Rabbits	60		
		Carried forward...	\$19267 21

TABLE XIX.—(CONTINUED.)

Brought forward		\$19267 21
MISCELLANEOUS.		
Baskets	27 48	Return Mainten'ce. 82 16
Telephone	90 95	Cows
Industri's Patients..	52 05	Conveying Patients
Harness and repairs	138 45	to Hospital
Printing	343 85	Incidental
Wheelwright	94 01	Binding Strips....
Advances to patients	25 39	Marking Ink
Medical Certificates	80 00	Twine
Insurance	1235 00	Sweeping Chimney
Cab Hire	1 50	Plating Silverware
Rubber Sheets....	22 80	Scales.....
Medical Books....	39 91	Steam Cook Boiler,
Veterinary Surgeon	108 00	Plate for Type-
Statute Labor	19 00	Writer
Tuning Piano	4 00	Apparatus
Re-captures	23 10	Springs
Organist.....	40 00	Kraut Knife.....
Express charges on		Packing Case
parcels	2 50	Office assistance ..
		2847 64
		Carried forward..... \$22114 85

Blue ..
 Black L
 Butter
 Brooms
 Boots a
 Brushes
 Buckets
 Clay Pi
 Candles
 Clothes
 Crocker
 Coal .
 Dry Go
 Enterta
 Furnitu
 Funera
 Ferriag
 Gas Ma
 Ice ...
 Knife
 Knives
 Matche

Officer
 Pay L

Wine
 Whisk
 Drugs

TABLE XIX.—CONTINUED.

Brought forward.....\$ 22114 85

HOUSE EXPENSES.

Blue	\$ 12 00	Oil, Kerosene	41 24
Black Lead	2 00	Razor Straps	2 25
Butter	2 50	Razors	8 88
Brooms	93 85	Recreation.....	92 64
Boots and Shoes ..	843 45	Soap	388 61
Brushes	71 17	Shoe Blacking	12 15
Buckets	30 00	Spoons	29 62
Clay Pipes	6 50	Shoes Repaired....	16 45
Candles	4 60	Scissors	17 13
Clothes Pins.....		Stamps	129 37
Crockeryware	164 84	Straw	726 22
Coal	5558 58	Stationery.....	330 73
Dry Goods	6803 01	Toilet Soap.....	80
Entertainment	102 68	Starch	25 04
Furniture	805 06	Tinware & Repairs.	232 13
Funeral expenses..	15 00	Tobacco.....	367 64
Ferriage	153 12	Telegrams.....	3 13
Gas Making	738 89	Wash Boards	2 00
Ice	23 50	Wrapping Paper ..	8 94
Knife Brick	3 00	Washing Soda	2 52
Knives and Forks .	37 48	Wash Tubs	6 00
Matches (safety) ..	23 00		-----\$ 17937 72

SALARIES.

Officers	\$ 5683 33
Pay List	14277 68
	-----\$ 19961 01

MEDICINE.

Wine	\$ 13 50
Whiskey	17 00
Drugs	707 39
	-----\$ 737 89

Carried forward.....\$ 60751 47

TABLE XIX.—(CONTINUED.)

<i>Brought forward</i>		\$60751 47	
FARM.			
Oats	\$322 77		
Hay	795 28		
Implements, Seeds, &c.	594 55		
Pollard	285 00		
Bran	215 25		
Corn	52 00		
	<hr/>		
	\$2264 85		
Less sales, Pigs, &c.	945 17		
	<hr/>		1319 68
REPAIRS.			
Smith-work	\$185 09		
Lumber	538 41		
Repairs	4096 93		
Masons and Helpers' Wages	996 62		
Carpenters' Wages	520 25		
Engineers' Assistants Wages	1110 10		
	<hr/>		7447 40
EXTRAORDINARY.			
Clearing Land	\$157 32		
Improving Grounds	606 61		
Building Ice Chamber	318 79		
Fitting up and use of Pump	250 00		
	<hr/>		1332 72
SUMMARY OF EXPENSES FOR YEAR.			
Food	\$19267 21		
Salaries and Wages	19961 01		
Medicine	737 89		
House Expenses	17937 72		
Miscellaneous	2847 64		
Farm	1319 68		
Repairs	7447 40		
Extraordinary	1332 72		
	<hr/>		\$70851 27
			<hr/>

TABLE XX.

Farm and Garden Produce, 1891.

Potatoes	620 bush.	Raddish	5 bush.
Beets	366 "	Spinach	37 "
Turnips	1596 "	Lettuce	20 "
Mangolds	2133 "	Cucumbers	15 doz.
Peas	35 "	Tomatoes	5 bush.
Beans	28 "	Squash	96 "
Onions	20 "	Celery	50 doz.
Rhubard	50 "	Corn	172 "
Parsnips	50 "	Cauliflower	25 "
Plums	7 "	Cabbage	101 "
Pears	7 "	Gooseberries	371 qrts.
Carrots	368 "	Currants	235 "
Crab Apples	1 "	Raspberries	60 "
Herbs	10 "	Hay	28 tons.
Beef		1300 lbs.	
Pork		2245 "	
Milk		34000 quarts.	

TABLE XXI.

Articles made by the Female Patients, 1891.

8 Braces,	11 Quilts (strong),
733 Shirts,	12 Fleecy Suits,
522 Drawers,	531 Sheets,
97 Mitts,	54 Table Cloths,
77 Socks,	437 Bolster Cases,
240 Hose,	569 Pillow Cases,
201 Collars,	73 Pillow and Bolster Ticks,
408 Chemises,	158 Bed Sacks,
173 Night Dresses,	44 Mattress Covers,
198 Petticoats,	243 Rollers,
366 Dresses,	27 Sofa and Chair Covers,
271 Women's Drawers,	138 Window Blinds,
396 Aprons,	482 Towels,
237 Waists,	7 Ottoman Covers,
6 Tea Bags,	36 Clothes Bags,
7 Jackets,	31 Mattress Ticks,
63 Hats (trimmed),	1 Bread Bag,
5 Shrouds,	18 Curtains,
1 Dress Caps,	108 Mats,
Mending for Male and Female Patients.	

APPENDIX.

Regulations for the admission of Patients to the Nova Scotia Hospital for the Insane.

Whenever the admission of a patient is desired, application should be made to the Medical Superintendent, who will at once transmit a blank form (the Statement). This form may be made out by the Physician, nearest relative, or friend, and the answers to the questions therein carefully and accurately written out, as it is the chief source on which reliance can be placed, in so far as the previous history and present condition of the patient is concerned, and is entered on the records of the Hospital. It must be sworn to before a magistrate.

On receipt of the statement, an answer will be transmitted. If the case be one suitable for admission, two blank forms of Medical Certificate, and a blank Warrant in case of Patient chargeable to the Municipality, or blank form of Bond for private Patient, will be sent to the applicant.

The Medical Certificates must be made out by duly qualified Medical Practitioners (those whose names are annually published in the "Royal Gazette,") or they cannot be received. *See Clause 21, Chap. 38, Revised Statutes, Fifth Series.*

These certificates empower two County Magistrates to make out the Warrant and commit the Insane person to the Hospital.

N. B.—In any county in which the Municipal Council has appointed Magistrates to commit insane persons to the Hospital for Insane, two of those so appointed must sign the warrant.

Upon presentation of proper Medical Certificates and Warrant, or Bond, at the Office of the Commissioner of Public Works and Mines, an order of Admission may be furnished, with which order and other papers accompanying the patient, admission at the Hospital follows.

In a crowded state of the Hospital, the commissioner must give the preference of admission to presumably curable cases.

Two good suits of Clothing, at least, should be sent with every patient. A third suit for occasional use is very desirable.

Those about to be committed to the Hospital should *invariably* be informed of it *before leaving home*. Everything like deception must be scrupulously avoided. No promises as to the precise time of their return should ever be made.

In order to be benefitted by hospital treatment, patients should be placed under care at an early stage of their disease.

The following clauses of Chapter 38, of Revised Statutes, Fifth Series, are appended for the information of those desiring the admission of a patient:—

CLAUSE 21. In every case where admission is sought for a patient, a statement in writing in the form of Schedule A shall be filled up and sworn to before some justice of the peace by a party cognizant of the facts therein contained, and forwarded to the Medical Superintendent for examination; and his answer and approval shall be received before the patient is forwarded. No person shall be received into the Hospital for the Insane as a patient without a certificate as in Schedule B, from two qualified medical practitioners in actual practice in the Province, of whom the one shall not be the son, brother, partner, or assistant of the other, the examination therefor having been made not more than 30 days before admission.

CLAUSE 22. In case of private paying patients, a bond shall be given to the Commissioner of Public Works and Mines, with sufficient sureties for payment of expenses, and a payment of one quarter's board shall be made in advance. Such bond may be sued on as often as shall be necessary, and recovery had in the supreme or county courts, according to the amount sued for and according to the ordinary practice of the court in like cases.

CLAUSE 26. In case such person shall have been certified to be insane by only one medical practitioner, before his apprehension, he shall be again examined and certified, as in Schedule B, by two duly qualified practitioners, to be appointed by the Commissioner of Public Works and Mines, before he shall be admitted into the Hospital.

CLAUSE 30. The Commissioner of Public Works and Mines, in the case of patients now in the Hospital for the Insane, or on whose behalf admissions are sought, and where, in his judgment, there are circumstances justifying a departure from the ordinary rates, may make special agreements for the amount and payment of board; and where a patient from violence or otherwise requires a special or extra attendant, such extra attendance shall be charged and paid for in the same manner as the ordinary charges.

N. B.—The Superintendent has no power to admit a patient without the order from the Commissioner Public Works and Mines.

DISCHARGE OF PATIENTS.

When a patient recovers, the friends are notified, and upon their application, with the Medical Superintendent's certificate, the order for discharge is granted by the Commissioner of Public Works and Mines.

In cases of doubtful recovery, after six months' residence, it is now customary to grant leave of absence "on trial." If a relapse occur before final discharge, the patient is at once re-admitted without any new formalities.

SCHEDULE A.—STATEMENT.

To be forwarded to the Medical Superintendent when application is made for the reception of a Patient.

Some member of the family or acquaintance (assisted by the attending physician, if practicable) should give a full and complete answer to each question—all facts thus given will be regarded as private or professional communication.

1. Name of patient (in full).
2. Where born.
3. Son (or daughter) of. Give names of parents, and state whether they are or are not blood relations.
4. Residence _____, County of _____
5. Age _____, last birthday.
6. State as to marriage. Single, married, or widowed.
7. Number and age of children. If female, give date of last child-birth.
8. Occupation (or that of father or husband).
9. Personal characteristics. Give any physical defects or peculiarities. Habits as a child and since then; disposition and tastes; success in business or condition of life. Has the patient any vicious habits or always led a regular life; is he or she addicted to the moderate or immoderate use of alcoholic beverages, or if a total abstainer.
10. Family history. Give all facts pertaining thereto—if any relations have been insane, hysterical, nervous, or have had fits, convulsions or syphilis, and whether on paternal or maternal side. Have either been addicted to intemperate use of stimulants or narcotics?
11. Education.
12. Religion.

13. Previous attacks. State if patient has ever had convulsions, fits, or any previous attack of insanity. The age at time of attack, its character, duration and treatment employed. If sent to an asylum, state where, and the result of treatment. Give particulars of subsequent attacks, if any.

14. Previous health. Has the patient ever had sunstroke, or any injury of head, or any other serious injury, or any serious disease, such as fever, ague, syphilis, gout, rheumatism, consumption, or affection of lungs, heart, brain, kidney, or other organ. Has patient ever been delirious, and if so, give supposed cause.

15. Present attack. Give date of any change in the usual condition of habits, disposition and temper. What was the change? Has he or she been rash or speculative of late in business, or has he or she exaggerated notions of ability, strength, power, &c. What has been done so far as regards care or treatment?

16. Assigned causes. Give supposed cause or causes, predisposing or remote, and the exciting or present cause.

17. Duration of present attack. Give date of its commencement.

18. Whether subject to epilepsy. State if patient has falling sickness or fits of any kind.

19. State as to sleep. Sleepless or restless at night?

20. Appetite for food. Natural, depraved, fastidious or absent.

21. If dangerous to others, how? Give full particulars. State every attempt to injure others. Was it from sudden passion or premeditation? Has the patient been subject to mechanical restraint or confinement, and if so, where and in what form, and for how long a time?

22. If suicidal, in what manner. State whether attempted or threatened, and how often?

23. Present condition. Whether in usual health, or feeble and emaciated, is the voice natural, or is there hesitancy or stammering in speech? Is there any paralysis, or loss of power of limbs? Is sight and hearing natural? Is patient excited or quiet, pleasant or moody and irritable? What is the occupation during the day or night? Is their failure in memory, or are the ideas exaggerated?

24. What delusions. Give their characteristics. Are there false impressions concerning the individuality or surrounding? Are the ideas connected, or is the mind continually wandering? Is a word dropped or forgotten in conversation, or misspelled or absent in the writing?

25. Present habits and propensities. Is the patient filthy in habits or language, or destructive of clothing, furniture, or glass? Is there indulgence in secret vice, and if so how long?

26. Pecuniary circumstances, and to whom chargeable. Answer both questions.

27. Name and addresses of

I. Physicians.

II. Party giving the history.

III. Correspondent to whom letters may be addressed.

IV. Telegraphic address.

I, A. B., make oath and say that to the best of my knowledge the above particulars are correctly stated, and I hereby request you to receive the above-named _____, whom I saw at _____, on the _____ day of _____ (being within one month from this date), as a person of unsound mind, as a patient, into the Nova Scotia Hospital for the Insane.

Sworn to before me, one of Her Majesty's justices of the peace for the County of _____, this _____ day of _____, 18—.

Name,

J. P.

Address,

Degree of relationship (if any) or other circumstances of connection with the patient.

N. B.—If any of the particulars in this statement be not known, the fact is to be stated. *No patient to be sent to Hospital until a reply shall have been received to this statement.*

NOTE.—All letters of enquiry will receive a prompt reply. Severe illness, or the occurrence of anything of moment, will be immediately communicated. Stamps must be enclosed to prepay replies.

SCHEDULE B.—CERTIFICATE.

I, the undersigned^(a) and in actual practice, ^{(a) Name in full.}
 being^(b) ^{(b) Qualification.}
 hereby certify that I, on the _____ day of _____
 18 _____ at^(c) _____ in the County of _____ ^{(c) Locality.}
 separately from any other Medical Practitioner, personally examined^(d) _____ ^{(d) Name in full.}
 of^(e) _____ and that the said _____ ^{(e) Residence.}
 _____ is a person of unsound ^{(f) Occupation.}
 mind, and a proper person to be taken care of, and
 detained under care and treatment; and that I have
 formed this opinion on the following grounds, viz.:

1. Facts, indicating insanity, observed by myself.*

1. Appearance.
 2. Conduct.
 3. Conversation.

2. Facts, indicating insanity, communicated to me by ^{(g) State the information and from whom.}
 others.^(g)

Name,

Place of Residence,

Date.

N. B.—Two Certificates, (dated within one month of the commitment) are required in every case. The second should not be signed by the father, brother, son or assistant of the Medical Practitioner who signed the first certificate.

* The facts upon which (from personal observation) the opinion of insanity has been formed, should always be specified.