

THIRTY-FIFTH
ANNUAL REPORT
OF THE
NOVA SCOTIA
HOSPITAL FOR INSANE
FOR THE YEAR 1892.

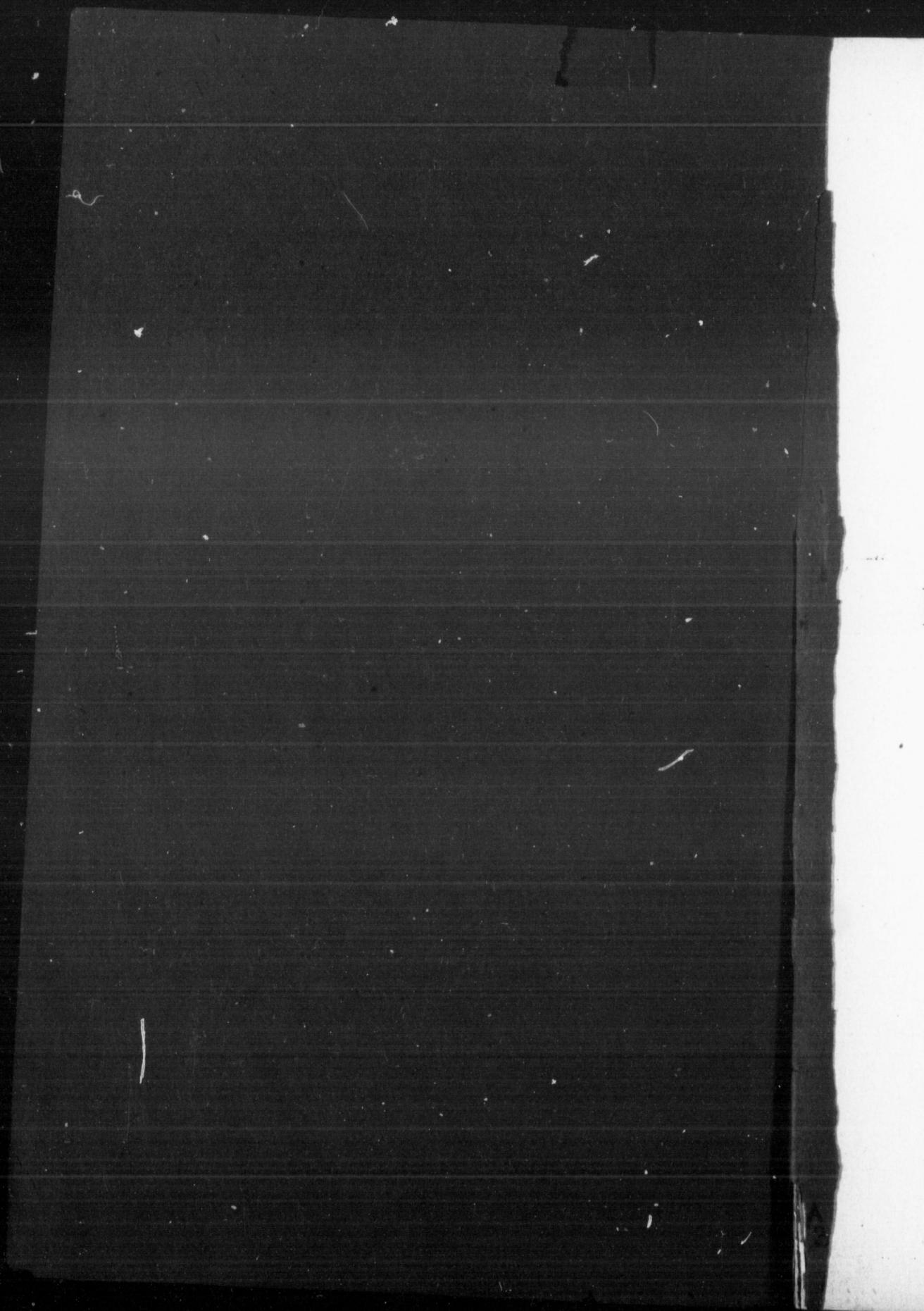


HALIFAX, N. S.:
COMMISSIONER OF PUBLIC WORKS AND MINES,
QUEEN'S PRINTER.

Wm. MacNab, Printer, 3 Prince Street, Halifax.

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NOVA SCOTIA HOSPITAL FOR THE 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:

GEO. L. SINCLAIR, M. D., *Medical Superintendent.*

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

AUBREY S. HUNT, *Bursar.*

R. D. DICKSON, *Engineer.*

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

MISS H. SAMPSON, } *Supervisors, Female Wards.*

MISS E. C. OGILVIE, }

ALEX. NICHOLSON, } *Supervisors, Male Wards.*

ALEX. GRAHAM, }

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THIRTY-FIFTH ANNUAL REPORT
 OF THE
MEDICAL SUPERINTENDENT
 OF THE
NOVA SCOTIA HOSPITAL FOR THE INSANE,
 1892.

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

SIR,—

I have the honor to submit the 35th Annual Report of the operations of the Nova Scotia Hospital for the Insane, the 15th under my superintendency.

	M.	F.	Total.
Number of patients on register, Jan. 1, 1892,	184	170	354
Admitted during year	44	57	101
Total under treatment for year	228	227	455
Total discharged for year.....	47	45	92
Total remaining on register Dec. 31....	181	182	363
Daily average.....	189	184	373
Discharged as recovered	22	20	42
Discharged as improved	10	7	17
Discharged as unimproved (quiet but demented)	7 8	5 13	12 21
	47	45	92
Percentage of death on daily average	4.2	7.1	5.6
Percentage of death on whole number under treatment	3.5	5.7	4.6
Percentage of <i>cure rate on admissions</i>	50.	35.1	41.5
Number out on trial	5	9	14

ADMISSIONS.

There were 101 admissions during the year. Of these 19 had previously been patients—11 once, 7 twice and 1 three times before.

DISCHARGES.

Excluding deaths, there were (71) seventy-one discharged, of which 42 or 59 per cent. were discharged as recovered—or 45.6 per cent. of the total discharged.

Calculated on the admissions the rate was 41.5 per cent. the general average being 44 per cent.

DEATHS.

There were 21 deaths, 8 men and 13 women.

Apoplexy.....	1 man.	0
Paresis	1 "	0
Acute Delirium	0 "	2 women.
Inflammation of Lungs.....	0 "	1 "
Tuberculosis	1 "	8 "
Cancer	1 "	0 "
Erysipelas.....	1 "	2 "
Debility and old age.....	3 "	0 "
	8 men.	13 women.

The percentage of deaths is as usual low, on daily average 5.6, and on whole number under treatment 4.6.

IMPROVEMENTS.

Work is going on steadily on our rough stony land which, though costly to recover, is fertile and will pay continuous dividends in produce. The work is chiefly done by patients and the regular employees.

The grounds on the water front have been from year to year brought into shape, and in addition to the generally improved appearance they furnish better airing and exercising ground for the patients.

REQUIREMENTS.

We are much in need of a room for storing dry goods, and like supplies that are now in the basement, which cannot be kept free from dampness and mildew.

We are also in great need of more barn accommodation. Last year we were forced to store a large portion of the hay raised on the farm for want of place.

Had we room to stow it, hay and straw could be purchased 25 per cent cheaper, were we able to take advantage of the market.

It is not desirable to put up additional structures convenient to those now existing, not only on account of the greater danger in case of fire—but also because there is not adequate space.

Those we at present have should be removed to the eastern side of the "Passage road" where there is every convenience for them as well as room, and in addition we would get rid of an eyesore. We want to utilize the ground in the vicinity of the Hospital for the comfort of the patients, as we are at present too much restricted for airing and exercise ground.

The water in Lake Maynard, our source of supply, was lower this summer than ever before, and at one time we feared a water famine. Fortunately the Hospital did not suffer from actual deficiency, though we think the quality was relatively less pure than usual.

The small area of the watershed of the lake is every year getting more restricted from the encroaching habitations, which at the same time tend to render the water impure from sewage which cannot be intercepted.

There are three ways of overcoming this difficulty. 1st. Getting a supply from Bell's Lake, about 2 miles distant, with a head of nearly 300 feet. The supply is not very large, though constant, and this plan has many things to recommend it. The cost is the greatest disadvantage.

2nd. Making a reservoir on the Hospital grounds, about 300 yards to the rear, which would impound the water of an area as great as Lake Maynard at a height of 10 feet above the boiler house floor. This water would serve all except culinary purposes.

3rd. By expropriating a large watershed adjacent to Lake Maynard and building a comparatively small dam, a very large supply of water could be collected and run direct into the pipe which at present connects Lake Maynard with this institution.

In any case as a matter of prudence it is necessary that the water supply be supplemented.

ACKNOWLEDGMENTS.

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

At other times we were favored by Rev. Messrs. W. M. Smallman, Thos. Stewart, D. M. Gordon, Geo. F. Johnson, D. W. Johnson, F. H. Adams, P. M. Morrison, John McMillan, Thos. Fowler, Dr. Welton, and Messrs. Murray, Anderson and Morash.

We are under obligations to clergymen of all denominations for their prompt and willing response to the requests of patients for pastoral visits.

Miss Adams, as usual, presided at the organ on Sundays. Miss McKenna also favored us on two Sundays of each month.

The annual sleigh drive and the regular dance evenings afforded much enjoyment, as has always been the case.

Several lantern entertainments were provided by members of the staff of the hospital.

I have to acknowledge indebtedness to Rev. Mr. Stewart and Mrs. Stewart for the kindly interest shewn towards our patients, and for two very excellent entertainments which they were instrumental in organizing. In one of these they were assisted by Mr. and Mrs. H. S. Creighton, Mr. and Mrs. H. D. Creighton, Mrs. Walter Creighton, Misses Troop, Dustan, J. Dustan, James, Allen, J. Allen, MacKay, and Stewart, and Messrs. Troop, Thompson, and Dymond. In the other they had as associates Mr. and Mrs. H. S. Creighton, Misses Parker, MacKay, Copeland, Allen, Henderson, Dustan, Stewart, James and Allen, and Messrs. Dymond, Thompson, Troop and Anderson. Both entertainments were very much appreciated, and I must express my gratitude to all the ladies and gentlemen who took part.

Mr. and Mrs. W. R. Foster, of Dartmouth, accompanied by Mr. and Mrs. Hutchins, Misses Weeks, Edith Weeks, Foster and Ouseley, Mr. Wilson, Dr. Gow and Dr. Smith, provided a highly enjoyable literary and musical evening towards the close of the year. I must tender my sincere thanks to these ladies and gentlemen.

For contributions of newspapers, magazines, etc., we are indebted to the following :

Mr. and Mrs. Geo. Stairs,
 Mr. Alfred Shortt,
 Miss Lizzie McLeod,
 Messrs. Hattie and Mylius,
 Mr. Wm. Ackhurst,
 British and American Book and Tract Repository.

The following papers are regularly received :—

"Acadian Recorder," (tri-weekly.)
 "Acadian," (Wolfville.)
 "Messenger and Visitor," (St. John, N. B.)
 "Church Guardian," (Montreal.)
 "Colchester Sun," (Truro.)
 "Eastern Chronicle," (New Glasgow.)
 "Halifax Herald," (daily.)
 "Morning Chronicle," (daily.)
 "North Sydney Herald."
 "Progress," (Lunenburg.)
 "Monitor," (Bridgetown.)
 "Spectator," (Annapolis.)
 "Tribune," (Windsor.)
 "Temperance Index," (Truro.)
 "The Warden," (Arichat.)

THE PAST YEAR.

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

There is a continuous demand for space that cannot be supplied, and will not be until some of the counties that make use of this Hospital as an asylum for chronic demented, make some other provision for them.

In order to make room for the many applicants, we discharge on trial all those that may be either benefited or treated at home.

As time permits Pathological work is engaged in.

During the year additions were made to our laboratory outfit, including a thermostat, hot-air sterilizer, steam sterilizer and other bacterial culture apparatus. A certain amount of preliminary work has been done in the biological analysis of the water supply and of the air in the different wards. Although as yet we have been unable to make a very thorough examination, still sufficient has been done to demonstrate a very pleasing absence in our water of contamination by bacteria. Even when our lake was at its lowest, the number of organisms present was comparatively small. In the atmosphere of our wards, however, the observations thus far do not indicate so encouraging a result. The crowded condition of the

hospital would lead us to suspect an impure condition of the air, and our suspicions in this respect bid fair to be confirmed.

Microscopic examination of the sputum of restless patients, in whom the conducting of a satisfactory physical examination is generally impossible, has frequently aided in a diagnosis of the pathologic state underlying some obscure and ill-defined symptoms which but dimly pointed towards pulmonary disease. For the detection of the bac. tuberculosis, we have found staining by the Ziehl-Gabbet method most satisfactory. When a rather thick cover-slip preparation of the sputum had been made, it was found advantageous to dissolve out the excess of fuchsin by washing for a few seconds in absolute alcohol before applying the acid methylene blue. In cases, too, where the bacilli were present in but scant numbers, their detection has been facilitated by first rubbing down the sputum in a 5 per cent. solution of carbolic acid and allowing to stand in a conical glass for 24 to 36 hours before preparing the cover-slips; the sediment being selected for the examination.

I have again to express my regret that no provision is made for the systematic performance of autopsies at our hospital, and trust that ere another year passes, this obstacle in the way of scientific investigation into the pathology of mental diseases may be overcome by the creation of a by-law permitting us to hold autopsies in such cases as we may consider it advisable.

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

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

VALEDICTORY.

On the first of December, I was transferred to the Superintendency of the Victoria General Hospital, and this institution was confided to the care of the late Assistant-Superintendent, Dr. George L. Sinclair, as Superintendent, and to Dr. W. H. Hattie, late Assistant Physician, as Assistant-Superintendent.

In closing our official relations, I can but thank all my associates in every department for the personal friendship vouchsafed me in addition to the pleasure derived from our official intercourse.

In ways tangible as well as intangible, have they presented favors, which are and will be most highly appreciated.

To you, sir, I desire to express my thanks for the assistance

courtesy and kindness always manifested in our official intercourse, and trust that the same will continue in the field that in the future will demand my attention.

The Hospital for the Insane is in a most efficient state in every way, well equipped and under the care of tried, trustworthy, energetic and intelligent officers, and thoroughly deserves the implicit confidence of the public which it enjoys.

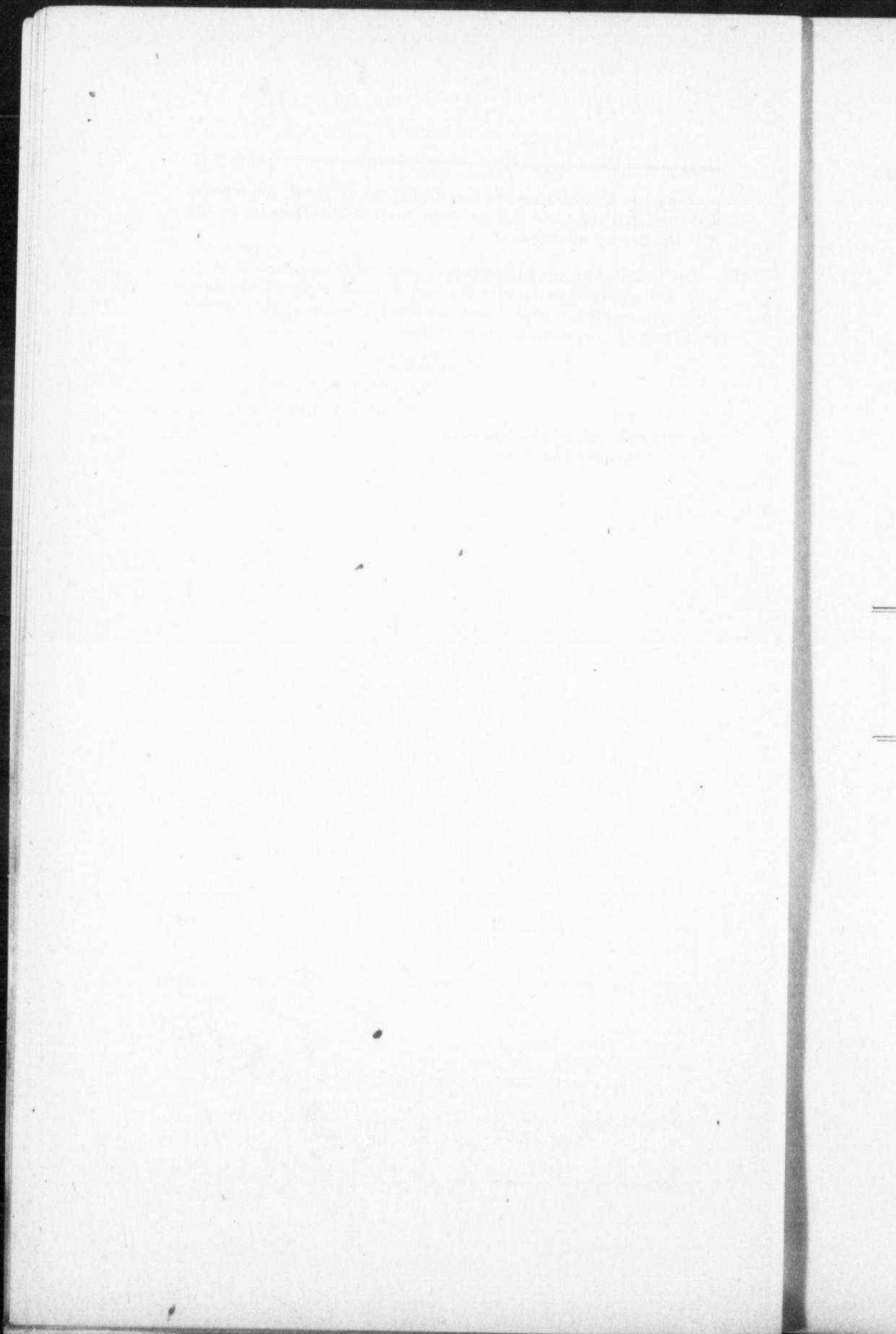
I am respectfully,

Your obedient servant,

A. P. REID, M. D.

NOVA SCOTIA HOSPITAL FOR INSANE.

January 2nd, 1893.



STATISTICAL TABLES.

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 APPENDIX.

Admission of Patients.
 Discharge of Patients.
 Forms of Certificates.

TABLE I.

Showing the Admissions, Re-Admissions, Discharges, and Deaths for the Year 1892.

	MALES.			FEMALES.			TOTAL.
	M.	F.	T.	M.	F.	T.	
In Hospital 1st January, 1892							354
Admitted for the first time during the year	31	51	82				
Re-admitted during the year	13	6	19				
Total admitted				44	57	101	
Total under care during the year				228	227	455	
DISCHARGED OR REMOVED.							
Recovered	22	20	42				
Relieved	10	7	17				
Not improved	7	5	12				
Not insane	0	0	0				
Died	8	13	21				
Total discharged and died during the year				47	45	92	
Remaining in Hospital December 31st, 1892				181	182	363	
Average number during the year				189	184	373	

TABLE II.

Showing the Admissions, Re-Admissions, Discharges, and Deaths from the opening of the Hospital to the present date, December 31st, 1892.

	MALES.			FEMALES.			TOTAL.	
	M.	F.	T.	M.	F.	T.		
Persons admitted during the period of Thirty-four years								
Re-admissions				1218	1033	2251		
Total of cases admitted				247	210	457		
				1465	1243	2708		
DISCHARGED OR REMOVED.								
Recovered								
Relieved	651	561	1212					
Not Improved	246	192	438					
Not insane	55	39	94					
Died	1	0	1					
Remaining December 31st, 1892	331	269	600	1284	1061	2345		
				181	182	363		
SUMMARY OF TOTAL ADMISSIONS, 1859 TO 1892								
	MALES.			FEMALES.			BOTH SEXES.	
Percentage of Cases Recovered	44.44		45.14	44.77		44.77		
Relieved	16.79		15.44	16.17		16.17		
Not improved	3.82		3.14	3.49		3.49		
Died	22.59		21.64	22.16		22.16		
Remaining	12.36		14.64	13.41		13.41		
Total	100.00		100.00	100.00		100.00		

TABLE VII.

Showing the Age of Admissions, Discharges and Deaths during the year 1892.

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.....	1	3	4	1	3	4	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
" 20 to 30 "	12	22	34	9	9	18	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
" 30 to 40 "	9	11	20	2	2	4	5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
" 40 to 50 "	10	10	20	7	3	10	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
" 50 to 60 "	6	7	13	2	2	4	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
" 60 to 70 "	2	2	4	1	.....	1	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
" 70 to 80 "	4	2	6	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	44	57	101	22	20	42	17	12	29	8	13	21	.....	.....	.....	.....	.....

TABLE VIII.

Condition as to Marriage in the Admissions, Discharges and Deaths during the Year 1892.

	THE ADMISSIONS.			THE DISCHARGES.						THE DEATHS.		
	M.	F.	T.	Recovered.			Removed, Relieved or Otherwise.			M.	F.	T.
				M.	F.	T.	M.	F.	T.			
Single.....	23	30	53	15	12	27	12	7	19	1	11	12
Married.....	19	23	42	7	6	13	5	5	10	5	2	7
Widowed.....	2	4	6	0	2	2	0	0	0	2	0	2
Total.....	44	57	101	22	20	42	17	12	29	8	13	21

TABLE IX.

Showing the probable causes, apparent or assigned, of the disorders, in the admissions of the year 1892.

CAUSE.	THE ADMISSIONS.		
	M.	F.	T.
Ill-health from—			
Religious excitement			
Fright			
Failure in business			
Domestic trouble			
Disappointment	1		1
Grief			
Anxiety	1	3	4
Old age			
Cause unknown		1	1
Influenza		2	2
Pulmonary tuberculosis	1		1
Hereditary predisposition	16	18	34
Intemperance			
Overstudy and overwork		1	1
Injury			
Onanism		1	1
Epilepsy		2	2
Sunstroke			
Fever			
Lactation		1	1
Puerperal		3	3
Climacteric			
Unknown and re-admissions	23	25	48
Paralysis			
Syphilis			
Congenital	2		2
Total	44	57	101

TABLE X.
Alleged Ages of all Admitted.

	1892.	1859—1891.	Total.
From 5 to 10 years.....		4	4
“ 10 to 20 “	4	179	183
“ 20 to 30 “	34	706	740
“ 30 to 40 “	20	611	631
“ 40 to 50 “	20	433	453
“ 50 to 60 “	13	338	351
“ 60 to 70 “	4	161	165
“ 70 to 80 “	6	49	55
“ 80 to 90 “		1	1
Unknown.....		125	125
Total	101	2607	2708

TABLE XI.

Civil Condition of all Admitted.

		Married.	Single.	Widowed.	Unknown.	Re-admitted.	Total.
1859—1891	{ Males..	469	648	50	20	234	1421
	{ Females	424	447	101	10	204	1186
1892.....	{ Males..	15	15	1	.....	13	44
	{ Females	19	28	4	.....	6	57
Total		927	1138	156	30	457	2708

TABLE XII.

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

	1892.		1859-91.		Total, 1859-92.	Population, 1891.
	Admission.	Re-Admission.	Admission.	Re-Admission.		
Halifax City and County.....	23	8	664	166	861	
Colchester County	4	1	164	34	203	
Cumberland "	5	1	114	22	142	
Pictou "	10	1	219	66	296	
Antigonish "			60	8	68	
Guysborough "		1	75	6	82	
Inverness "	1		54	2	57	
Richmond "	1		39	3	43	
Victoria "	2	2	40	3	47	
Cape Breton "	6	1	102	20	129	
Hants "	2		107	29	138	
Kings "	3	2	133	27	165	
Annapolis "	6		78	10	94	
Digby "	1		41	6	48	
Yarmouth "	2	1	39	5	47	
Shelburne "	1		31	5	37	
Queens "	2		38	8	48	
Lunenburg "	7	1	78	16	102	
Newfoundland	4		7		11	
New Brunswick			13		13	
P. E. Island			2		2	
Barbadoes and St. Thomas			2		2	
United States	1		16		17	
England			2	1	3	
Ireland			10		10	
Scotland			2		2	
Germany			2		2	
Norway			2		2	
Sweden			1		1	
India			1		1	
Italy	1				1	
H. M. Service			18		18	
Unknown			16		16	
	82	19	2170	437	2708	

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Blac
Barl
Bask
Brev
Boo
Bras
Broo
Brak
But
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Carri
Carp
Cond
Clerk
Offic
Cabin
Coat
Coop
Coach
Dyer
Drugg
Dome
Engin
Factor
Farm
Fisher
Garde
Gentl
Gover
Grocer
Hotel
Hatten
Hostle
House
Light
Lobste
Lumbe
Labour
Masons
Ministe

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

	1892.		1859-91.		TOTAL.	
	M.	F.	M.	F.	M.	F.
Agent			1	.....	1	.....
Architect and Wife			1	1	1	1
Barristers and Wife			3	1	3	1
Bailiff and Wife			1	1	1	1
Bakers and Wives			1	1	1	1
Banker's Wife	1		2	4	2	5
Blacksmiths and Wives	1		.....	.....	.....	1
Barbers	1		22	12	22	13
Basket Makers and Wives			4	.....	4	.....
Brewer	1		.....	2	.....	3
Book-binders and Wife			1	.....	1	.....
Brass-Founders	1		5	1	5	2
Broom-Maker			2	.....	2	.....
Brakeman			1	.....	1	.....
Butchers and Wives			1	.....	1	.....
Cooks			5	2	5	2
Carriage Makers and Wives .....			.....	2	.....	2
Carpenters, Wives and Daughters			3	1	3	1
Conductor's Wife	1	1	49	47	50	48
Clerks, Book-keepers and Wives .....			.....	1	.....	1
Officers of Customs and Wife	2		30	6	32	6
Cabinet Makers and Daughters			5	1	5	1
Coat Maker			6	3	6	3
Coopers	1		.....	.....	.....	1
Coachmen and Wives			12	.....	12	.....
Dyer			3	3	3	3
Druggists			1	.....	1	.....
Domestics			3	.....	3	.....
Engineers and Wives	10		.....	58	.....	68
Factory Employees			10	9	10	9
Farmers, Wives, Sons and Daughters .....			.....	3	.....	3
Fishermen, Wives, Sons and Daughters	18	7	454	242	472	249
Gardener and Wives	4	3	86	50	90	53
Gentlemen and Women			1	3	1	3
Governess	2	2	13	46	15	48
Grocers and Wives .....			.....	1	.....	1
Hotel Keepers, &c.			7	2	7	2
Hatter and Wife			8	3	8	3
Hostler			2	1	2	1
Housewives	1		1	.....	2	.....
Light Keeper's Wife		9	.....	106	.....	115
Lobster Canner	1		.....	.....	.....	1
Lumbermen and Wives			1	.....	1	.....
Labourers and Wives, Servants			8	1	8	1
Masons, Wives and Daughters	3		171	191	174	191
Ministers, Wives and Daughters			19	6	19	6
	1		5	6	5	7

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

	1892.		1859-91.		TOTAL.	
	M.	F.	M.	F.	M.	F.
Millers and Wives						
Merchants, Wives and Daughters		2	3	2	3	2
Milliners			35	28	35	30
Mechanics and Wives				15		15
Miners, Wives and Daughters			8	2	8	2
Moulders and Wives	1	2	25	13	26	15
Nurses	1		2	2	3	2
Physicians, Wives and Daughters				2		2
Priests			8	2	8	2
Printers and Wife			6		6	
Painters and Wives			12	1	12	1
Pensioners and Wives and Daughters	1		15	6	16	6
Pedlars and Wives			2	6	2	6
Photographers			9	2	9	2
Plumbers, Tinsmiths and Wives			5		5	
Postmaster	1		8	1	9	1
Reporters			1		1	
Ropemaker			2		2	
School Teachers, Wives and Daughters			1		1	
Ship Captains, Wives, Stevedores	3	3	28	25	31	28
Sextons			19	15	19	15
Seamen and Wives and Daughters			2		2	
Soldiers, Marines and Wives	4	1	69	38	73	39
Shoemakers and Wives			18	1	18	1
Saddlers			24	9	24	9
Seamstresses			4		4	
Students	1		18			19
Shipwrights and Wives			9	2	9	2
Surveyors			11	2	11	2
Shop Keepers, Wives and Daughters			1		1	
Sailmakers and Wives	1	3	3	4	4	4
Stone Cutters			3	1	3	1
Tailors, Wives and Daughters			4		4	
Tanners and Wives			3	3	3	3
Teamsters and Wives			6	5	6	5
Tobaccoonists			13	4	13	4
Traders and Wives			1		1	
Telegraph Operators			8	4	8	4
Vagrants			1		1	
Wool Sorters			1	1	1	1
Wheelwrights			1		1	
Washerwomen			1		1	
Watchmen and Wives				6		6
Watchmakers			3	2	3	2
Weavers			2		2	
Unknown	1	5	13	8	14	13

TABLE XIV.
Showing the Duration of the Disorder on Admission, of the Admissions, Discharges and Deaths in the Year 1892.

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.	
FIRST CLASS.													
First Attack, and within three months of Admission	7	19	26	5	10	15	4	4	4	8	1	3	4
SECOND CLASS.													
First Attack, above three and within twelve months of admission	7	7	14	5	2	7	6	1	7	7	2	1	3
THIRD CLASS.													
Not first attack, and within twelve months of admission	16	15	31	6	6	12	2	5	7	7	...	4	4
FOURTH CLASS.													
First Attack or not, but of more than twelve months' duration on admission	14	16	30	6	2	8	5	2	7	7	5	5	10
Total	44	57	101	22	20	42	17	12	29	29	8	13	21

TABLE XV.

Maintenance of Patients in Hospital, December 31st, 1892.

COUNTY.	Males.	Females.	Total.
Annapolis	4	6	10
Antigonish	1		1
Cape Breton	4	9	13
Colchester	21	12	33
Cumberland	12	13	25
Digby	8	8	16
Clare District		1	1
Dartmouth Municipality	5	4	9
Guysborough	6	9	15
St. Mary's District	4	1	5
Halifax Co.	4	11	15
" City	19	23	42
Hants, West	5	5	10
" East	4	2	6
Inverness	1		1
Kings	16	11	27
Lunenburg	4	5	9
" Town	1	5	6
Chester District	5	4	9
Pictou	7	15	22
Richmond	9	9	18
Shelburne			
Barrington District	1	1	2
Victoria	9	4	13
Yarmouth	4	1	5
Argyle District	1		1
Queens	4	3	7
Province	15	9	24
Private	7	9	16
Brown and Bell Fund		2	2
Totals	181	182	363

TABLE XVI.

Balance Due Hospital. December 31st, 1892.

	Current Acct.	Old Balance, due 1878.
Annapolis		3620 21
Antigonish	1232 58	1528 73
Cape Breton	2272 73	6166 53
Colchester	4285 38	459 27
Cumberland	5408 46	.....
Digby	9724 59	895 79
Clare Municipality	741 68	.....
Guysborough	4154 79	.....
St. Mary's District	1146 40	809 77
Halifax County	432 12	615 43
Halifax City—Claims on County		5819 09
Halifax City	1384 06	.....
Dartmouth Municipality	294 30	.....
Hants, West	1660 76	.....
Hants East	1045 13	.....
Inverness	9517 04	19 91
Kings .....		.....
Lunenburg	520 08	.....
Lunenburg Town	1391 88	.....
Chester District	550 77	2896 73
Pictou	656 98	.....
Richmond... ..	1593 21	1423 67
Shelburne	58 40	.....
Barrington District	642 38	117 70
Victoria	4725 97	2504 57
Yarmouth	5038 44	.....
Argyle District	181 78	.....
Queens	4426 46	2547 33
Funds		364 31
Private Patients	5809 40	3833 02
	\$68895 77	\$ 33622 06

TABLE XVII.

Statement for Year.

1892.		
Jan. 1.	1.	Stock on hand
"	"	Warrants drawn
Feb.		Warrants drawn
March.		Warrants drawn
April.		Warrants drawn
May.		Warrants drawn
June.		Warrants drawn
July.		Warrants drawn
August.		Warrants drawn
Sept.		Warrants drawn
Oct.		Warrants drawn
Nov.		Warrants drawn
Dec.		Warrants drawn
		\$77402 31

1892.		EXPENDITURE.
Jan. 1.	1.	Stock on hand
Dec. 31.	31.	Warrants drawn for the year
		\$77402 31

TABLE XVII.—(CONTINUED.)

Statement for the Year.

1892.

Amount of Expenditure as per Table 19.....	69461 65
Amount deducted from Farm Account.....	813 50

Dec. 31. Stock on hand.....	7127 16
	<u>\$ 77402 31</u>

EARNINGS.

1892.

Maintenance and Clothing.....	49586 33
Interest.....	3425 17
Sales Account, Sundries...	813 50
Deficiency.....	16450 15
Stock on hand.....	7127 16
	<u>\$ 77402 31</u>

TABLE XVIII.

Showing the amount received from Counties and other sources during the year 1892—(Income).

Annapolis..	3345 57
Antigonish.....	519 05
Cape Breton.....	14003 37
Colchester	4489 42
Cumberland..	1583 96
Digby.....	1269 71
Dartmouth (Municipality).	964 40
Guysboro.....	1969 19
St. Mary's District.....	867 78
Halifax Co.....	15000 00
* " City.....	37 86
Hants, West	
" East	
Inverness	464 73
Kings	500 00
Lunenburg	3996 00
" Town	1317 16
Chester District.....	
Pictou	1200 00
Richmond	2828 58
Shelburne	2835 75
Barrington District	
Victoria	350 00
Yarmouth	1521 09
Argyle District	8 8 22
Queens	197 85
Funds	1000 00
Private Patients	411 29
Water Rates	2584 81
Sundry Sales.....	24 00
Miscellaneous	813 50
	44 00
	\$65017 29

* Halifax City settled by Contra account.

TABLE XIX.
Expenditure.

FOOD.			
Apples (Evaporated)..\$	18 00	Mackerel	7 50
Apples	152 75	Mustard	17 46
Allspice	3 35	Malt	13 00
Arrowroot	2 00	Maccaroni	3 00
Broma	22 12	Milk	1505 07
Baking Powder	39 00	Molasses	403 80
Berries	63 70	Mutton	164 28
Beans	27 77	Maccaroons	4 95
Butter	2665 39	Nutmegs	8 50
Barley	69 87	Oatmeal	429 25
Biscuit	118 87	Oysters	2 70
Beef	5194 08	Oranges	12 38
Buckwheat	2 00	Onions	33 98
Bread	10 50	Pork	46 64
Cocoa	18 00	Pickles	3 35
Cider	3 25	Pepper	9 55
Cloves	1 00	Prunes	5 00
Cassia	8 00	Preserves	11 00
Chocolate	2 00	Peas	95 16
Corn Starch	1 26	Potatoes	720 84
Corn Meal	88 65	Partridges	5 35
Citron	80	Rice	150 99
Cheese	109 11	Raisins	56 72
Cranberries	57 20	Sugar, Brown	500 86
Coffee	174 94	Sugar, White	74 89
Currants	44 44	Shad	12 75
Cream Tartar	36 00	Sauces	15 10
Ducks	2 65	Salt	46 60
Essences	6 60	Sausages	38 06
Eggs	168 97	Salmon	28 85
Fish, Fresh	613 33	Soda	5 44
Fowls	47 15	Sago	9 25
Flour	2743 60	Suet	37 19
Fish, Dry	417 08	Syrup	8 00
Figs	2 36	Tea	949 00
Ginger	15 16	Tapioca	1 00
Geese	84 30	Tongues	5 00
Gelatine	6 75	Tomatoes	12 22
Hams	90 41	Turkeys	76 75
Haddies	10 40	Veal	35 39
Herring	45 00	Vinegar	46 71
Herring (Smoked)	5 00	Vegetables, evaporated	38 50
Lobsters	6 10	Vegetables, canned	1 50
Lamb	44 21		
Larã	13 20	Carried forward ...	\$18912 33
Lemons	2 48		

TABLE XIX.—(CONTINUED.)

<i>Brought forward</i>		\$18912 33
MISCELLANEOUS.		
Baskets	10 15	Return Mainten'ce. 60 24
Telephone	100 00	Carriage Lamps... 6 50
Industri's Patients..	39 85	Belts
Harness and repairs.	123 67	Oars
Printing	438 56	Removing Boiler..
Wheelwright	296 55	Boat
Advances to patients	140 65	Lanterns
Medical Certificates.	60 00	Clock and reps,...
Insurance	1235 00	Stove.....
Cab Hire	12 45	Apparatus, Patholo-
Rubber Sheets.....	22 80	gical Work
Medical Books	40 30	Office Assistance ..
Veterinary Surgeon.	44 50	Oil Stove
Statute Labor	20 00	Inspecting Scales .
Tuning Piano & Organ	25 00	Sewing Machine ..
Re-captures	2 00	Directory
Organist	40 00	Employment Office
Express charges on		Spectacles
parcels	57	Rat Traps
Bibles	18 15	Bells
Knife Cleaner	7 00	Spruce Wreaths...
		-----2987 25
		<i>Carried forward</i>
		\$21899.58

TABLE XIX.—(CONTINUED.)

Brought forward \$ 21899 58

HOUSE EXPENSES.

Blue	14 40	Razor Strops	2 40
Brooms	86 25	Razors	5 61
Boots and Shoes	760 46	Recreation	91 98
Brushes	74 64	Soap	358 20
Buckets	44 88	Shoe Blacking	14 40
Clay Pipes	7 00	Spoons	35 91
Candles	3 65	Shoes Repaired	15 55
Clothes Pins	2 00	Scissors	5 45
Crockeryware	203 52	Stamps	123 50
Coal	6122 36	Straw	663 29
Dry Goods	6392 75	Stationery	132 88
Entertainment	114 09	Toilet Soap	1 65
Furniture	303 71	Starch	38 52
Funeral expenses	12 00	Tinware & Repairs	309 11
Ferriage	147 48	Tobacco	385 84
Gas Making	822 28	Telegrams	25
Ice	56 00	Toilet Paper	13 50
Knife Brick	3 50	Wood	27 00
Knives and Forks	43 07	Washing Soda	2 52
Matches (safety)	13 50		
Oil, Kerosene	28 24		
			\$17483 34

SALARIES.

Officers	5858 35
Pay List	14470 44
	<u>20328 79</u>

MEDICINE.

Wine	19 50
Whiskey	22 25
Drugs	652 22
	<u>693 97</u>

Carried forward \$60405 68

TABLE XIX.—(CONTINUED.)

<i>Brought forward</i>		60405 68
FARM.		
Oats.....	296 43	
Hay.....	765 47	
Implements, Seeds, &c.....	573 46	
Pollard.....	121 00	
Bran.....	100 00	
Corn.....	9 00	
	\$ 1865 36	
Less sales, Pigs, &c.....	813 50	
		1051 86
REPAIRS.		
Smith-work.....	105 53	
Lumber.....	402 80	
Repairs.....	2332 90	
Masons and Helpers' Wages.....	1015 78	
Carpenters' Wages.....	532 81	
Engineers' Assistants Wages.....	1100 72	
		5490 54
EXTRAORDINARY.		
Clearing Land.....	250 00	
Improved Grounds.....	486 83	
Material for New Kitchen, acct. 1890.....	234 65	
Wire Fencing.....	170 40	
New Wharf.....	1371 69	
		2513 57
SUMMARY OF EXPENSES FOR YEAR.		
Food.....	18912 33	
Salaries and Wages.....	20328 79	
Medicine.....	693 97	
House Expenses.....	17483 34	
Miscellaneous.....	2987 25	
Farm.....	1051 86	
Repairs.....	5490 54	
Extraordinary.....	2513 57	
		69461 65

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 the 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 benefited 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 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 persons 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 ordinary charges.

N. B.—The Superintendent has no power to admit a patient without the order from the Commissioner of 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 been rash or speculative of late in business, or has he exaggerated notions of his 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 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 and night? Is there failure in memory, or are his ideas exaggerated?

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

(a) Name in full, I, the undersigned ^(a) and in actual practice,
 (b) Qualification, being ^(b) hereby certify that I, on the _____ day of _____
 (c) Locality, 18 _____ at ^(c) _____ in the County of _____
 (d) Name in full, separately from any other Medical Practitioner, person-
 (e) Residence, ally examined ^(d) _____ and that the said
 (f) Occupation, of ^(e) _____ is a person of unsound
 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. Appearance.
 2. Conduct.
 3. Conversation.
1. Facts, indicating insanity, observed by myself:
- (g) State the information, and from whom.
2. Facts, indicating insanity, communicated to me by 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.
