## TWENTY-SEVENTH

## ANNUAL REPORT -

> or

NOVA SCOTIA

## Hospital for Insane,

FOR TMEI YBAR 1884

HALIFAX, N, S.:
GOMMISSIONER OF PUBLTC WORKS AND MINEE, QUEEN'S PRINTER 1885.

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# Nova Scotia Hospital for the Insane. 

HALIFAX, N. S.

1884. 

## COMMISSIONERS OF PUBLIC CHARITIES.

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ALEX. MARVIN, Supervisor, Men's Wards.
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# TWENTY-SEVENTH ANNUAL REPORT 

OF THE
MEDICAL SUPERINTENDENT

OF THE

## Nova Scotia Hospital for the Insane.

## 1884.

To the Chairman and Commissioners of Public Charities:
Gentlemen,-I have the honor to submit the Annual Report of the operations of the Nova Scotia Hospital for Insane.

$$
\underset{\text { Number of patients on Register Dec. 31st, 1882... }}{\text { admitted during year 1883.. }} 400
$$

Whole number under treatment. . . . . . . . . . . . . . . . 486
Daily average. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 404
Greatest number at one time on Register-June.. 415
Least " " " " Dec... 384
Discharged as recovered. . . . . . . . . . . . . . . . . . . . . . 49
" "improved.............................. 35
" " unimproved ........................... 1
Died........................................................... . . . . 17
Whole number discharged. . . . . . . . . . . . . . . . . . . . 102
Remaining on Register Dec. 31st, 1884. . . . . . . . . . 384
Number out on trial........................................

## ADMISSIONS.

There were (86) eighty-six admissions of which (13) thirteen had formerly been inmates- 12 once and one twice.

Of these 13 re-admissions, one had been discharged as relieved, and (12) twelve as recovered.

Seventy-three of those admitted, or about 85 per cent., had never previously been inmates of any asylum.

## DISCHARGES.

DEATHS
There were 102 discharges of which 17 were from death from the following causes,


It is gratifying to report that no case of suicide has occurred during the past two years amongst the many patients so inclined; but such accidents are likely to happen at any time under the best of care, and yet care has much to do with their prevention.

I had (a sad duty) to report the accidental death of attendant Angus Nicholson who was thrown out of a cart. He was picked up insensible, and never rallied from the injury of the head which had been received. He was at the time engaged in Hospital work, and for over two years had given faithful and most efficient service.

## RECOVERIES.

The recovery rate about $57(56.9)$ per cent. on admissions is very satisfactory, being above the general average of the Hospital (45) and also higher than last year (54). In this regard I can repeat a few sentences from our last year's report, as they are applicable to the present.
"In making out this result, we have made it a rule to be guided by the condition of the patients after they havereturned and remained for some time at home-in some cases for several months. Hence there is every reason to believe that the cure is as permanent as can be expected in cases of insanity. Some will no doubt return, but taking the three preceding years, the percentages of admission of patients previously discharged cured was from 13 to 14 per cent.
"This result is as favourable as can be expected in other diseases than insanity.
"The very large percentage of recent cases in the admissions shews
som
as fo
bee
of
are
iron
in
pen
mea
shaf
the
the
sig
the
mo
the present state of society are likely to continue, amongst which, from the best information we can obtain, hereditary taint is of marked significance.
"There is one fact which should not be lost sight of. and that is the advantage of early hospital treatment. Of the very recent cases, more than 66 per cent. can be restored, but of those of a duration extending over a year the cure rate falls as low as 2 or 3 per cent."

## IMPROVEMENTS.

Four more wards have been painted and the work is still going on,
In all but two sections of the attics the ventilating flues have been connected by galvanized iron pipe with the common ventilators of the section, and the others are partly in place. These alterations are of great importance not only for obtaining more efficient ventilation but much greater security from fire.

Two hundred old, worn-out wooden sashes have been replaced by iron ones that will give safety with durability, and without change in appearance, and this renewal is being continued.

The dumb waiter shafts have been covered with iron plates pending the complete change in construction, which is contemplated.

Two of the pipe shafts have been extended through the roof as a means of safety from fire, and are as well utilized for ventilating shafts.

The electric recorder of night watch service gives satisfaction.

## EXPENDITURE.

The result under this heading is $\$ 2146$ more than last year. In some items there has been a decrease, but in others a marked increase as follows:

$$
\begin{aligned}
& \text { On Food. ... ..................................... } \$ 1190 \\
& \text { On Wages.... .................................... } 789 \\
& \text { On Extraordinary repairs. ..... ...................... .... . . . . . . . . } 1104 \\
& \text { On House expense.. ................................ . . . . . } \begin{array}{r}
1104 \\
348
\end{array}
\end{aligned}
$$

$\$ 3431$
Which shows a saving in other expenses of over $\$ 1000$.
Food was higher than last year, and the wages of attendants were raised so as to give a bonus to satisfactory and continued service, and this increase means efficient service from employees.

In extraordinary repairs the new ventilating pipes in the attics, the new iron window sashes, and painting the wards, are the chief items.

In house expenses, furniture, coal and tinware were higher items.
The cost per week for maintenance is $2 \cdot \frac{180}{100}$, last year $2 \cdot \frac{66}{100}$ : owing to causes above referred to.

The subjoined table gives the comparative expenditure for maintenance for the past seven years :

| COST <br> PER PATIENT. | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

Our expenses per patient compare very favorably with the other similar institutions in the Dominion. In the United States the rate of maintenance has always been much higher, as a rule, than it is in the Provinces.

## CARE OF THE INSANE.

In the report for $\mathbf{1 8 8 2}$, as well as in that of 1878 , this subject was fully dealt with, and for details I would refer you to the reports mentioned.

The "position " I am sorry to say is unchanged, and we are not able to accommodate all the demands made on us for accommodation.

Our crowded wards demand some means of relief, and we would urge the recommendations presented as they are considered most applicable to our present position.

## FIRE PROTECTION.

This subject has received much attention in previous reports, and at the instauce of the executive a special report on this subject has been presented by a capable architect, and there are hopes that this summer will see still more marked improvement in this regard.

During the past year an additional 6 in . pipe has been laid from the lake of supply to the hospital, to take the place of the old one transferred to the Halifax Sugar Refining Co., and in case of fire both would be available as a water supply. The duplex Worthington pump has also been connected with the main water supply. And in case of need two pumps could be made to supply the water mains to the Hydrants. We would need a least six more hydrants at selected points around the building.

The remaining wooden ventilators or cupolas should be taken down and replaced by iron, to render impossible an occurrence such as might have destroyed this institution in March last.

On the 4 th of March, at $1 \mathrm{p} . \mathrm{m}$., fire in the cupola of the centre building was reported by an attendant. On examination, a large blaze in one of the scroll-work struts of the cupola filled the attic with smoke, and was freely playing around the structure, fanned by a stiff wind then prevailing. Two fire-extinguishers were at once put in requisition, and before the streams from them were exhausted, a length of hose was run up from the hydrant in the house, and a stream of water from an inch nozzle was playing on the burning part. Within ten minutes it was gotten under coritrol, and in a short time was completely out. As soon as the alarm was given. notice was telephoned to Halifax and Dartmouth, and the Dartmouth engine started for our assistance, but before getting half way it broke down in the deep snow then prevailing. As soon as the fire was under control, this fact was telephoned to the city and town, so that they might go to no more trouble.

When the report of the fire was made, about 100 patients were waiting to go off on a sleigh drive, but the unusual occurrence did not delay the trip more than a few minutes.

Had we been unable to assist ourselves in this emergency, without doubt the whole structure would have suffered, owing to difficulty of obtaining the nearest aid.

Occurring in the day time, there were many more hands available than could have been at night. We want greater facilities in case of such accident. (Referred to in another report.)

The cause of the fire is difficult to surmise. A spark from an adjacent chimney must have lodged in the wood-work, and been fanned into a blaze. The cupola has been removed, and is to be replaced in iron.

As an additional precaution, hand fire grenades have been distributed throughout the wards and attics.

## ACKNOWLEDGMENTS.

The Revd. P. M. Morrison has officiated the first, and Mr. Smith the second, Sunday of each month.

At other times we have been favoured by the Rev. Messrs. Saunders, Murray, Whittier, Borden, Brown, Heustis. Prof's Curry and Forrest, Dr. Burns and Messrs. Murray and Fourneaux.

The Revd. Canon Woods has ministered to the sick of the $\mathbf{R}$. C. Church, and the other gentlemen to the ailing members of theirs when occasion required.

We are under obligation to Miss Adams, of Dartmouth, who presides at the organ every Sunday, and our services have been several times assisted by the choir boys of the Garrision Chapel.

Messrs. Brown \& Webb, and Luther Sterns, and the manager of the Tract Depository, made donation of Xmas Cards.

Col. Montague has as usiral contributed regular donations of Australian illustrated and other papers.

Ex-Commissioner Nisbet, and Alfred Shortt, Esq., contributed bundles of newspaper, and John Cahill, Esq., a lot of magazines.

The Haydn Quintette Club have again laid us under obligations.
The directors of Halifax Steamboat Co., and their obliging agent, Capt. McKenzie, as usual placed the S. S. Mic-Mac at our disposal for an excursion on the harbor last summer.

The press of Halifax and 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:
" Advance," (Liverpool.)
"Acadian Recorder," (tri-weekly.)
"Christian Messenger."
" Church Guardian."
"Colchester Sun," (Truro.)
"Colonial Standard," (Pictou.)
"Courier," (Digby.)
"Eastern Chronicle," (New Glasgow.)
"Journal of Agriculture."
" Morning Chronicle," (daily.)
"Morning Herald," (daily.)
"North Sydney Herald," (Cape Breton.).
" Progress," (Lunenburg.)
"Plaindealer," (New Glasgow.)
"Weekly Monitor," (Bridgetown.)
" Watchman," (Halifax,)
"Hants Journal," (Windsor.)

## THE PAST YEAR.

The work of the past year has been, as usual, very satisfactor r , and the percentage of recovery higher than the usual rate, favorablas that is. It is due, to some extent, to the large number of recent cases admitted, for it is only with this class that such a result can be expected. It shows, incidentally, also, that if proper accommodations were provided,-permitting every case to be at once placed under care-the Province and the counties would profit materially in a financial point.
Recent cases, though giving a probability of high cure rate, are also as likely to give a high death rate, but this year the proportion of deaths ruled very low, which is not exceptional, and occurred chiefly with the old and debilitated, and some brought to the Institution so far reduced that they never rallied after admission.

Our attendants, both male and female, have given very satisfactory service the past year, there being no occasion for the dismissal of any, and the changes have been comparatively few. The greater number of attendants on either side of the house profit by the advanced wages that your Board gives as a premium for satisfactory and continued service.

The extension of the railway to the sugar refinery has been partly built through the property of this hospital, and as it is designed to have a "switch"-off track for the use of the Institution, it will be a convenient means to obtain our coal supply.

Of late years several asylums have been devastated by fire, and always with loss of life; and from a cause difficult to ascertain, this Institution had a narrow escape (details on a preceding page).

I have again to express my thanks to my co-workers in this institution for their cheerful and willing service.

My thanks are due the Assistant Physician for his usual valued assistance, and as well for getting up the statistical tables included in this report.

At the close of another year I have the pleasure again to acknowledge my recognition and appreciation of the support, assistance, and confidence which I have at all times received from the members of your board, and which I trust will be deserved in our future association.

## A. P. REID.

$\left.\begin{array}{c}\text { Nova } \\ \text { Scotia Hospital for Insary 1st, } 1885 .\end{array}\right\}$

STATISTICAL TABLES.

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Admission of Patients.
Discharge of Patients.
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TABLE I.



ADMISSIONS AND DIBCHARGES FOR TWENTY-FIVE TEARS,
.nssions, Re-admisstons, Discharges and Deaths, with the Mean Annual Mortality and Proportion of

TABLE IV.

TABLE V.
Showing the cause of Death for euch Year, from the opening of the Hospital to the present date, Dec. 31st, 1884.

TABLE V.-(Continued)

TABLE VI.


TABLE VII.
TABLE VII.

FIRST CLASS
First attack, and within three months of admission SECOND CLASS.

First attack, above three and within twelve months of admission THIRD CLASS.

Not first attack, and within twelve months of admission... FOURTH CLASS.

First attack or not, but of more than twelve months duration on admisson


TABLE IX.
Condition as to Marriage in the Admissions, Discharges, and Deaths, during the year, 1884.

|  | The Admissioxs. |  |  | The Discharges. |  |  |  |  |  | The Deaths. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Recovered. |  |  | Removed, Relieved, or otherwise. |  |  |  |  |  |
|  | M. | F. | т. | m. | F. | т. | м. | F. | т. | M. | F. | т. |
| Single . | 2.3 | 18 | 41 | 18 | 3 | 21 | 10 | 11 | 21 | 7 | 7 | 14 |
| Married | 16 | 20 | 36 | 11 | 13 | 24 | 5 | 7 | 12 | 2 | 1 | 3 |
| Widowed. | 0 | 9 | 9 | 0 | 4 | 4 | 0 | 2 | 2 | 0 | 0 | 0 |
| Total ............... | 39 | 47 | 86 | 29 | 20 | 49 | 15 | 20 | 35 | 9 | 8 | 17 |

TABLE X.
Showing the probable causes apparent, or assigned, of the Disorder, in the Admissions, Discharges and Deaths of the year 1884.

| cause. | The Admis. sions. | The Discharges. |  |  | The Deathe. |  | $\begin{gathered} \text { Not } \\ \text { Improved. } \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Recove | ered. | Relieved. |  |  |  |  |  |
|  | M. F. T. | M. F. | T. | M. F. T. | M. F | F. T. | M. | F. | T. |
| Ill-health from- |  |  |  |  |  |  |  |  |  |
| Religious excitement. . | 112 |  |  | $1 . .11$ |  |  |  |  |  |
| Fright. |  | 1 | 1 | $1 . .1$ |  |  |  |  |  |
| Failure in business. |  |  |  |  | 1 | . 1 | . |  |  |
| Domestic trouble..... | 1 | 11 | 2 | 11 |  |  |  |  |  |
| Disappointment. |  |  |  |  |  |  |  |  |  |
| Grief | 11 |  |  |  |  |  |  |  |  |
| Anxiety |  |  | 2 |  |  |  |  |  |  |
| Cause unknown | 3811 |  | . 1 | 34 |  | 1 | 1 |  | 1 |
| Hereditary Predisposition | 8917 |  |  | 61016 | 1 | 34 |  |  |  |
| Intemperance........... | 426 |  | 16 | $1 . .1$ |  |  |  |  |  |
| Overstudy and overwork |  |  | 1 |  |  |  |  |  |  |
| Injury . . | -11 | 1. | 1 | - $\cdot$ |  |  |  |  |  |
| Onanism | $1 . .1$ | 2 | 2 |  |  |  |  |  |  |
| Epilepsy.. |  | 1 | 1 | 1 .. 1 |  | 22 |  |  |  |
| Sunstroke |  |  |  |  |  |  |  |  |  |
| Fever | 213 | 1 | 1 | $1 . .1$ | 1 | . 1 |  |  |  |
| Lactation |  | 1 | 1 |  |  | 11 |  |  |  |
| Puerperal | 55 |  |  | 11 |  |  |  |  |  |
| Climacteric |  |  |  |  |  |  |  |  |  |
| Unknown \& re-admission. | 101938 |  | 313 | 325 |  | 15 |  |  |  |
| Paralysis |  |  |  |  |  |  |  |  |  |
| Congenital . . . . . . . . . |  |  |  | 33 |  | 1.1 |  |  |  |
| Total | 39 47 86 | 2020 | 491 | 152035 | 9 | 817 | 1) |  |  |

TABLE XI．
Monthly Admissions and Discharges from January，1859，to December 31st， 1884.

| ${ }^{\text {＇TVLOL }}$ | ¢ | $\infty$ | $\stackrel{+}{\infty}$ |
| :---: | :---: | :---: | :---: |
|  | ${ }_{21}^{2}$ | 个 | ¢ ¢ |
| ＇serent | に者 | $\bigcirc$ | $\stackrel{\infty}{1}$ |
| ＊apuraza | $\stackrel{+}{\approx}$ | $\cdots$ | $\stackrel{+}{\circ}$ |
|  | －$\ddagger$ | $1-9$ | $\stackrel{\infty}{\circ}$ |
| －2апото | + | 0.00 | $\pm$ |
| ＇sequezdes | 足边 | 108 | $\stackrel{\sim}{\sim}$ |
| 7888ักV | $\stackrel{9}{+}$ | 150 | $\stackrel{6}{\square}$ |
|  | －${ }_{-1}$ | －${ }^{-}$ | $\pm$ |
| ＇əunf | 508． | $\bigcirc$ | 3 |
| $\mathrm{Sing}^{\text {d }}$ | ¢ைㅡㅡㅇ | C． 01 | $\pm$ |
| ${ }^{\text {rum }}$／V | 楖士 | 二こ | 1 |
|  | $\bigcirc 8$ | iso | $\stackrel{+}{+}$ |
| －Simentes | ㅇ％ | $\infty=$ | $4$ |
| －S．renuer | 90 | 501 | $\begin{aligned} & 10 \\ & + \\ & \hline \end{aligned}$ |
|  |  |  |  |

## TABLE XII．

Alleged Ages of all Admitted．


TABLE XIII．
Civit Condition of all Admitted．

|  |  |  | － |  | 告 | E゙さ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1859－1883 | 302 | 467 | 26 | 2010 | $\begin{aligned} & 156 \\ & 135 \end{aligned}$ | $\begin{aligned} & 971 \\ & 827 . \end{aligned}$ |
|  | 313 | 314 | 55 |  |  |  |
| 1884．．．．．．\｛ Males， | 14 | 20 | 0 |  | 5 | 39 |
|  | 14 | 16 | 9 |  | 8 | 47 |
|  | 643 | 817 | 90 | 30 | 304 | 1884 |

## TABLE XIV.

Former Residence (corrected by separation of re-admissions).

|  |  | 1884. |  | 1859-83. |  | Total, 1859-84 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| Halifax City and County..... Colchester County |  | 21 | 7 | 503 | 111 | 642 | 66,953 |
|  |  | 7 | . $\cdot$ | 106 | 23 | 136 | 23,231 |
| Cumberland | " . . | 6 | 1 | G0 | 13 | 80 | 23,518 |
| Pictou | " | 5 |  | 166 | 50 | 221 | 32,114. |
| Antigonish | " | 4 | 1 | 33 | 6 | 44 | 16,512 |
| Guysborough | " | 3 |  | 44 | 4 | 51 | 16,555 |
| Inverness | " | 1 |  | 34 | 2 | 37 | 23,415 |
| Richmond | " | 1 |  | 20 | 3 | 24 | 14,268 |
| Victoria | " | 1 |  | 21 | 1 | 23 | 11,346 |
| Cape Breton | " | 3 |  | 76 | 14 | 93 | 26,454 |
| Hants | " |  | 1 | 86 | 19 | 106 | 21,302 |
| Kings | " | 4 | 2 | 87 | 15 | 108 | 21,509 |
| Annapolis | " | 4 |  | 52 | 6 | 62 | 18,121 |
| Digby | " | 2 |  | 19 | 4 | 25 | 17,037 |
| Yarmouth | , |  |  | 21 | 1 | 22 | 18,550 |
| Shelburne | " | 5 |  | 16 | 3 | 24 | 12,417 |
| Queens | " | 2 |  | 26 | 5 | 33 | 10,524 |
| Lunenburg | " |  | 1 | 53 | 9 | 63 | 23,884 |
| Newfoundland |  | 1 |  | 4 | , | 5 | 23,884 |
| New Brunswick |  |  |  | 13 |  | 13 |  |
| P. E. Island. . . . |  |  |  | 2 |  | 2 |  |
| Barbadoes and |  |  |  | 2. |  | 2 |  |
| United States |  |  |  | 16. |  | 16 |  |
| England..... |  |  |  | 2 | 1 | 3 |  |
| Ireland |  | 3 |  | 7 |  | 10 |  |
| Scotland. |  |  |  | 1. |  | 1 | . |
| Germany |  |  |  | 2. |  | 2 |  |
| Norway. |  |  |  | 2. |  | 2 |  |
| Sweden |  |  |  | 1. |  | 1 |  |
| India. |  |  |  | 1. |  | 1 |  |
| H. M. Service. |  |  |  | 18 |  | 18 |  |
| Unknewn ... |  |  |  | 14. |  | 14 |  |
|  |  | 73 | 13 | 1508 | 290 | 1884 | 387,800 |

[^1]
## TABLE XV.

Former Occupation, so for as ascertained.

|  | 1884. |  | 1859-83. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | M. | F. | M. | F. | M. | F. |
| Agent | 1 |  |  |  | 1 |  |
| Arehitect and Wife. |  |  | 1 | 1 | 1 | 1 |
| Barrister and Wife. |  | 1 | 1 |  | 1 | 1 |
| Bailiff. |  |  | 1 |  | 1 |  |
| Baker and Wife |  |  | 1 | 4 | 1 | 4 |
| Blacksmiths and Wives. | 2 |  | 10 | 11 | 12 | 11 |
| Barbers. |  |  | 3 |  | 3 |  |
| Basket Makers |  |  |  | 2 |  | 2 |
| Brewer. |  |  | 1 |  | 1 |  |
| Book Binder | 1 |  | 3 | 1 | 4 | 1 |
| Brass founder |  |  | 2 |  | 2 |  |
| Butchers and Wiv |  |  | 4 | 2 | 4 | 2 |
| Cook. |  | 1 |  |  |  | 1 |
| Carriage Makers and Wives . |  |  | 2 | 1 | 2 | 1 |
| Carpenters and Wives...... |  |  | 38 | 35 | 38 | 35 |
| Conductor's Wife |  |  |  | 1 |  | 1 |
| Clerks, Book Keepers and Wives. | 1 | 1 | 18 | 3 | 19 | 4 |
| Officers of Customs. |  |  | 5 | 1 | 5 | 1 |
| Cabinet Makers and Daughters |  |  | 6 | 3 | 6 | 3 |
| Colliers and Wives. . . . . . . . . |  |  | 10 | 5 | 10 | 5 |
| Coopers . . . . . |  |  | 7 |  | 7 |  |
| Coachmen and Wives. |  |  | 1 | 3 | 1 | 3 |
| Druggist. |  |  | 1 |  | 1 |  |
| Domestics. . |  | 6 |  | 10 |  | 16 |
| Engineers and Wives. |  |  | 8 | 8 | 8 | 8 |
| Farmers' Wives, Sons and Daughters. | 19 | 4 | 306 | 164 | 325 | 168 |
| Fishermen, Wives, Sons \& Daughters. Gardeners and Wives, | 2 | 2 | 57 | 34 | 59 | 36 |
| Gardeners and Wives. |  |  | 1 | 3 | 1 | 3 |
| Gentlemen and Women. |  |  | 11 | 41 | 11 | 41 |
| Governess. ..... |  |  |  | 1 |  | 1 |
| Grocers and Wives |  |  | 6 | 2 | 6 | 2 |
| Hotel Keepers, \&c |  | 1 | 4 | 3 | 5 | 3 |
| Hatter and Wife. |  |  | 2 | 1 | 2 | 1 |
| Hostler:. . . |  |  | 1 |  | 1 |  |
| Housewives |  | 20 |  | 18 |  | 38 |
| Lumbermen. . |  |  | 5 |  |  | 5 |
| Labourers and Wives. Servants | 4 | 3 | 108 | 168 | 112 | 171 |
| Masons, Wives and Daughters. |  |  | 14 | 14 | 14 | 14 |
| Ministers, Wives and Daughters |  |  | 4 | 6 | 4 | 6 |
| Millers and Wives |  |  | 3 | 2 | 3 | 2 |
| Merchants, Wives and Daughters .. . | 2 |  | 20 | 19 | 22 | 19 |
| Milliners |  | 1 |  | 9 |  | 10 |

TABLE XV.-(Centinued.)
Former Occupation, so far as ascertained.

|  | 1884. |  | 1859-83. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | M. | F. | M. | F. | M. | F. |
| Miners | 1 |  | 2 |  | 3 |  |
| Moulders and Wives |  |  | 2 | 2 | 2 | 2 |
| Nurse..... |  | 1 |  |  |  |  |
| Physicians, Wives and Daughters |  |  | 6 | 2 | 6 | 2 |
| Priests . . . . . . . . . . . . . . . . . . . | 1 |  | 2 |  | 3 |  |
| Printers . |  |  | 11 | 1 | 11 | 1 |
| Painters and Wives |  | 1 | 10 | 4 | 10 | 5 |
| Pensioners and Wives and Daughters. |  |  | 2 | 6 | 2 | 6 |
| Pedlars and Wives .............. |  |  | 7 | 2 | 7 | 2 |
| Photographer. . . . |  |  | 2 |  | 2 | 1 |
| Plumber, Tinsmith, and Wives |  |  | 4 | 1 | $\stackrel{4}{9}$ | 1 |
| Reporter . . . . . . . . . . . . . . |  |  | 2 |  | 2 |  |
| Rope Maker. |  |  | 18 |  | 19 |  |
| School Teachers, Wives \& Daughters. | 1 | 1 | 18 | 16 | 19 | 17 |
| Ship Captains, Wives, Stevedores... | 1 |  | 10 | 13 | 1 | 13 |
| Sexton . . . . . . . . . . . . . . . . . . . . |  |  | 55 | 34 | 57 | 35 |
| Seamen and Wives and Daughters.. | 2 | 1 | 17 | 1 | 17 | 30 1 |
| Soldiers, Marines and Wives |  |  | 17 | 1 | 20 | 8 |
| Shoe Makers and Wives |  | 1 | 20 3 | 7 | - 3 | 8 |
| Saddlers.... |  | ) | 3 | 14 |  | 16 |
| Seamstresses |  | 2 | 7 | 14 | 7 | 2 |
| Students |  |  | 5 | 1 | 5 | 1 |
| Shipwrights and Wives |  |  | 5 | 1 | 1 |  |
| Surveyor . . . |  |  | 1 | 3 | 2 | 3 |
| Shop Keepers | 1 |  | 1 | 3 | 2 | 3 |
| Sailmaker. |  |  | $\stackrel{2}{3}$ |  | 3 |  |
| Stone Cutter |  |  | 3 |  | , | 3 |
| Tailors, Wives and Daughters |  |  | 3 | 3 4 | 1 | 4 |
| Tanners and Wives .... |  |  | 3 | 4 3 | 8 | 3 |
| Teamsters and Wives. |  |  | 8 | 3 | 1 | 3 |
| Tobacconist. |  |  | 6 | 3 | 6 | 3 |
| Traders and Wives. |  |  | 1 | 3 | 1 |  |
| Telegraph Operator |  |  | 1 |  | 1 |  |
| Tramp . . . . . |  |  | , 1 |  | 1 |  |
| Wool Sorter. |  |  | 1 |  | 1 |  |
| Wheelwright . |  |  | 1 |  |  |  |
| Washerwomen |  |  | 3 | 2 | 3 | 2 |
| Watchmen and Wives |  |  | 1 | 2 | 1 |  |
| Watch Maker. |  |  |  | 1 |  |  |
| Weaver |  |  |  | 1 |  |  |

TABLE XVI.
Re-admissions from 1859 to 1884.

| sәu!̣ 8 рәұt!upy | : | - | $\square$ |
| :---: | :---: | :---: | :---: |
| sauị 2 poqt!up | - | - | a |
| sәu!̣ 9 poqt!up | - | + | 18 |
| sau!̣ ¢ peqtiupV | + | N | - |
| sәш!̣ ¢ pətt!up | $\infty$ | N | 2 |
| sәu!̣ \& Pett!upt | + | ลิ | 9 |
| 'әә!мา patt!up\% | 9 | 8 | \% |
| $\left[^{870} \mathrm{~L}\right.$ | $\stackrel{\underset{\sim}{9}}{\stackrel{9}{9}}$ | ホ | \% |
| +881 | 12 | $\infty$ | $\stackrel{9}{2}$ |
| ':88I | 1 | $\infty$ | 12 |
| 7881 | 10 | $\bigcirc$ | さ |
| I88I | $\bigcirc$ | $\stackrel{1}{\square}$ | $\stackrel{\square}{\sim}$ |
| '088I | $\stackrel{1}{\sim}$ | $\stackrel{9}{2}$ | ล1 |
| '6L81 | Q | $\infty$ | N |
| 8L81 | $=$ | 1 | $\pm$ |
| LL8I | $=$ | - | $\infty$ |
| 928I | $\infty$ | 18 | - |
| CL8I | 1 | $\bullet$ | 9 |
| FL8I | $\infty$ | 1 | 12 |
| '828I | $\infty$ | 16 | $\stackrel{\text { ® }}{ }$ |
| \%281 | $\underline{1}$ | + | $\pm$ |
| ' L 8 \% | 15 | $\bigcirc$ | \# |
| 028I | = | $\bigcirc$ | ล |
| 698I | $\omega$ | $\bigcirc$ | - |
| '898I | 13 | 15 | $\bigcirc$ |
| L981 | ब | $\cdots$ | + |
| '998I | - | a | $\cdots$ |
| ¢98I | $\cdots$ | a | Q |
| +98I | O | $\bigcirc$ | 15 |
| \%981 | $\bigcirc$ | $\cdots$ | $\cdots$ |
| 698I | $\bigcirc$ | - | - |
| '198I | 18 | $\cdots$ | N |
|  |  |  | $\vdots$ \#5 \% |

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Victo
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Hant
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Ann
Hali
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Priv
Bro

## TABLE XVII.

Maintenance of Patients in Hospital December 31st, 1884.

| COUNTY, | $\stackrel{\text { it }}{=}$ |  |  | Insane Population, (Census 1871.)* |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Males. | Females. | Total. |
| Cape Breton | 12 | 13 | 25 | 39 | 28 | 67 |
| Inverness . . | 9 | 7 | 16 | 42 | 44 | 86 |
| Richmond. | 4 | 7 | 11 | 19 | 17 | 36 |
| Victoria | 2 | 3 | 5 | 24 | 22 | 46 |
| Pictou. | 22 | 18 | 40 | 48 | 29 | 77 |
| Colchester | 11 | 11 | 22 | 32 | 36 | 68 |
| Cumberland | 9 | 9 | 18 | 26 | 18 | 44 |
| Antigonish. | 8 | 1 | 4 | 42 | 30 | 72 |
| Guysborough | 2 | 4 | ${ }_{6}^{6}$ | $\{18$ | 15 | 33 |
| " St. Mary's District | $\underline{2}$ |  | 2 | \{ 10 | 15 | 3. |
| Hants, West................ | 5 | 4 | 9 | f 26 | 39 | 65 |
| " East . . . . . . . . . . . . . . | 2 | 1 | 3 |  | 3 | 0. |
| Kings ..... | 6 | 12 | 18 | 40 | 29 | 68 |
| Annapolis | ${ }_{6}$ | 9 | 15 | 23 | 22 | 45 |
| Halifax.. | 42 | 62 | 104 | 149 | 153 | 302 |
| Lunenburg | 4 | 6 | 10 | $\{31$ | 32 | 63 |
| " Chester District... | 3 | 1 | $\stackrel{4}{5}$ | ${ }^{31}$ | 8 | 19 |
| Queens . . . . . . . . . . . . . . . . . | 2 | 3 | 5 | 11 | 8 | 19 |
| Shelburne.................... | 3 | 2 | 0 | $\{16$ | 19 | 35 |
| " Barrington District. | 1 | 2 | 3 | \{ 10 | 1 | 35 |
| Yarmouth................. | 4 |  | 4 | $\{25$ | 40 | 65 |
| " Argyle District .... | 1 |  | 1 | $(20$ |  |  |
| Digby .. | ${ }^{6}$ | 3 | 9 | 40 | 23 | 63 |
| Province | 11 | 10 | 21 | . . . |  |  |
| Private | 4 | 14 | 18 |  |  |  |
| Brown \& Bell Fund . . . . . . . . | 1 | 4 | 5 |  |  |  |
| Totals. . | 178 | 206 | 1384 | 651 | 603 | 1254 |

[^2]
## TABLE XVIII.

Farm and Garden Produce, 1884.


> Pork killed for Hospital . . . . . . . . . . . . . . . . . . . . . . . . . 28105 qts. 2510 lbs. Milk from Barn..................... . . . .

## TABLE XIX

Articles made by the Femule Patients-1884.

```
80 Coats,
8 3 \text { Pants,}
56 Vests,
5 8 4 \text { Shirts,}
360 Drawers,
    96 Mitts,
256 Socks,
316 Hose,
175 Collars,
    35 Fleeey Suits,
215 Chemises,
    92 Night Dresses,
2 1 4 ~ P e t t i c o a t s ,
376 Dresses,
    62 Women's Drawers,
385 Aprons,
    62 Waists,
    18 Sacques.
```

Mending for Male and Female Patients.
13 Night Caps,
42 Hats (trimmed),
139 Bed Comforts,
412 Sheets,
44 Table Cloths.
327 Bolster Cases.
322 Pillow Cases,
132 Pillow and Bolster Ticks,
136 Bed Sacks,
57 Mattress Covers,
134 Rollers,
1 Sofa Cover,
77 Window Blinds,
1 Wash Bag,
33 Ottoman Covers,
2 Clothes Bags.
15 Mats,
10 Mattress Ticks,

## TABLE XX.

Balances due Hospital, December 31st, 1884.

|  | Public <br> Charities. | Works <br> Department. |
| :---: | :---: | :---: |
|  | \$ 468882 | \$ 3620 21 |
| Annapolis | 202247 | 4778 |
| Cape Breton | 7024 <br> 1953 <br> 88 | 616653 959 |
| Colchester . | 195358 254857 | 95927 |
| Cumberland | 334984 | 89579 |
| Digby . . . . . | 210184 | 800 |
| Guysborough. | -8902 | 80977 |
| St. Mary's D Halifax | 2528659 | 61543 |
| Halifax City-Claims | 35435 | 581909 |
| Hants, West. | 49009 |  |
| Hants, East | $4361 \quad 17$ | 1991 |
| Inverness. | 458013 |  |
| Kings .... | 34365 |  |
| Chester District | 46859 | 289673 |
| Pictou.. | 2820 <br> 3534 | 186953 |
| Richmond | 353457 79057 | 186953 |
| Shelburne | 157198 | 11770 |
| Barrington District | 190395 | 250457 |
| Varmouth | 258287 |  |
| Argyle District | 35309 |  |
| Queens | 194486 | 254733 36431 |
| Funds | 443022 | 383302 |
| Private Patients |  |  |
|  | \$80673 55 | \$33086 97 |

## TABLE XXI

Showing the Amounts received from Counties and other sources， during the year 1884－（Income．）

| Annapolis． | ．$\$ 100000$ |
| :---: | :---: |
| Antigonish | 22738 |
| Cape Breton． | 300000 |
| Colchester． | 271003 |
| Cumberland | 124500 |
| Digby ．． |  |
| Guysborough |  |
| St．Mary＇s District． | 20000 |
| Halifax | 16000 |
| Hants，West | 148975 |
| Hants，East． | 68795 |
| Inverness． | 199820 |
| Kings． | 40000 |
| Lunenburg | 145035 |
| Chester District | 101500 |
| Pictou． | 750000 |
| Richmond | 139826 |
| Shelburne． |  |
| Barrington District | 17642 |
| Victoria． | 20000 |
| Yarmouth |  |
| Argyle District． |  |
| Queens． | 48197 |
| Funds． | 37280 |
| Private Patients | 289243 |
| Provincial Government | 1200000 |
| Water Rates． | 4800 |
| Sundry Sales． | 121587 |
|  | \＄57709 41 |

Flou
Butt
Tea
Coffe
Tap
Cho
Bro
Bro
Whi
Bee
Mut
Lau
Vea
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Tor
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Cor
Bar

TABLE XXII.
Espenditure for year 1884.

Food.


TABLE XXII-(Continued).

Brought forward.
$\$ 2323363$
SALARIES AND WAGES.

| Officers | \$ 515000 |  |
| :---: | :---: | :---: |
| The Pay List | 1103176 |  |
|  | \$ 1618176 | \$ 1618176 |

MEDICINE.

| Wine | \$ | 4340 |  |
| :---: | :---: | :---: | :---: |
| Whiskey |  | 4457 |  |
| Drugs . . |  | 32926 |  |
|  | 8 | 41723 | 41723 |

HOUSE EXPENSES.


TABLE XXII.-(Continued.)
$\$ 5893464$
Brought forward

MISCELLANEOUS.


## FARM.



Carried forward
$\$ 6187226$

TABLE XXII.-(Continved.)
$\qquad$

REPAIRS.

| G | \$ 14625 |
| :---: | :---: |
| Smith work | 8447 |
| Lumber. | 31717 |
| Repairs (materials and wages) | 542497 |
| Boilers, acct. Sections | 58894 |
|  | \$6561 80 |
| Maintenance of workman. | 10000 |
|  | \$6661 80 |

EXTRAORDINARY EXPENSES.

| Painting Iron Sas | 800 |
| :---: | :---: |
| Covering Waiters | 7700 |
| Painting Wards. | 75894 |
| Ventilators. | 178178 |
| Window Sashes | 36183 |
|  | \$3107 55 |

sUMMARY OF EXPENSES FOR THE YEAR 1884.


## TABLE XXIII.

Statement for year.


## EXPENDITURE.

1884. 

Jan. 1. Stock on hand...................................... . . . \$2761 68
Dec. 31. Warrants drawn for year. . . . . . . . . . . . . . . . . . . . . 7487167

## 2ABLE XXIII--(Continued.)

Statement for year.


Dec. 31.-Stock on hand ..................................... $-\frac{477587}{8763335}$

EARNings:
Earnings (Maintenance and Cluthing) . . ............. \$ 5234307
Sales Account of Farm . . . . . . . . . . . . . . . . . . . . . . . . 92347
" " of Miscellaneous Account ............ 19240
" " of Food............................... 10000
Dec. 31.-Stock on hand................................... . . . 477587
Deficiency . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1929854

## APPENDIX.

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

Whenever the almission 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 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 in the records of the Hospital.

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 County, or a 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 20.

These certificates empower two County Magistrates to make out the Warrant and commit the insane person to this Hospital.
N. B.-In any County in which the Municipal Council has appointed Magistrates to commit insane paupers to the Hospital for Insane, two of these so appointed must sign the Warrant.

Upon presentation of proper Medical Certificates and Warrant, or Bond, to the Commissioners of Public Charities, an Order of Admission will be furnished, with which order and other papers accompanying the patient, admission at the Hospital follows.

There has been no change in the mode of admission since the opening of this institution, and the above explanation is given in order that friends of patients may not be inconvenienced, as not infrequently happens with some who, from want of knowledge or enquiry, think that doctors' certificates and a warrant are all that are required for the admission of a patient, and also of others who assume that the Superintendent has powers that the Act does not give to him.

In a crowded state of the Hospital, the commissioners 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 promise 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 36 of Revised Statutes, Fourth Series, are appended for the information of those desiring the admission of a patient :-
"Clause 20.-In every case where admission is sought for a patient, a statement in writing shall be filled up and forwarded to the Medical Superintendent for examination; and his answer and approval shall be receiced before the patient is forwarded. No person shall be received into the Hospital for the Insane as a patient without a certificate from two qualified Medical Practitioners in actual practice in the Province, of whom one shall not be the son, brother, partner or assistant of the other ; the examination therefor having been made not more than thirty days before admission."
"Clause 21.-In case of private paying patients, a bond shall be given to the Commissioners of Public Charities, with sufficient sureties for payment of expenses, and a payment of one quarter's board (fifty dollars) shall be made in advance."
"Clause 25.-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 by two duly qualified Medical Practitioners, to be appointed by the Commissioner of Public Works and Mines" (now Commissioners of Public Charities) "before he shall be admitted into the Hospital."
"Clause 29.-The Commissioners of Public Charities, in the case of patients now in the Hospital for Insane, or on whose behalf admisuions are sought, and where in their 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 Commissioners of Public Charities.

## DISCHARGE OF PATIENTS.

When a patient recovers, the friends are notified, and upon their application, with the Medical Superintendents's certificate, the order for discharge is granted by the Commissioners of Public Charities.

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 ouce re-admitted without any new formalities.

## SCHEDULE A.-STATEMENT.

To to be forvarded to the Medical Superintendent when Application is made for the reception of a Patient.

1. Name of Patient (in full).
2. Where born.
3. Son (or daughter) of

4 Residence County of
5. Age last birthday.
6. State as to marriage.
7. Number and age of children.
8. Occupation, (or that of Father or Husband).
9. Natural Disposition.
10. Habits in Health-as to temperance, \&cc.
11. Education.
12. Religion.
13. Age at first attack.
14. Insanity-how first manifested.
15. Number and duration of attacks.
16. Where under treatment, and when.
17. What relatives similarly affected.

1ऽ. Supposed cause-remote.
19. " " -recent.
20. Duration of present attack.
21. State as to sleep.
22. Appetite for sleep.
23. State of bodily health.
24. Whether subject to Epilepsy.
25. Any faltering of speech, or loss of power, and when.
26. Present habits and propensities.
27. What delusions.

2s. Whether suicidal (attempted or threatened), and how.
29. If dangerous to others-how.
30. Pecuniary circumstances, (or to whom chargeable).
31. Post office address of nearest friend, and degree of relationship.
32. Other particulars.

[^3]
## SCHEDULE B.-CERTIFICATE.

${ }^{(a)}$ Name in full. I, the undersigned ${ }^{(a)}$
(b) Qualification. being (b)
and in actual practice, day of
(c) Locality hereby certify that I, on the in the County of
$\begin{array}{ll}18 & \text { at }^{(c)} \\ \text { separately from any other Medical Practitioner, person- }\end{array}$ (e) Name in ful
(e) Residence.
ally examined (d)
f) Occupation. of $(e)$
and that the said is a person of unsound mind, and a proper person to be taken charge 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 :*
2. Appearance.
3. Conduct.
4. Conversation.
5. Facts, indicating insanity, communicated to me by (g) State the in- others : $g$ )
formation, and
from whom.

## Name

Place of Residence
Date.
N. B.-Two Certificates (dated within one month of the commitment) are required in every The second should not be signe
who signed the first certificate.

[^4]
[^0]:    

[^1]:    *Qensus of 1881, in reference to Insane, has not been received.

[^2]:    * Census of 1881 not received.

[^3]:    I certify 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 last at .................. on nind, as a patient into the Nova Scotia Hospital for the Insane.

    ## Name, <br> Address,

    Date,

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

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

[^4]:    *The facts upon which (from personal observation) the opinion of insanity has been formed, should always be specified.

