

Protestant
Hospital for the Insane

Verdun, Montreal, Que.

Annual Report

For the Year

1899.





ENTRANCE GATES AND LODGE.

PROTESTANT
HOSPITAL FOR THE INSANE,
VERDUN, MONTREAL, QUE.

ANNUAL REPORT
FOR THE YEAR 1899.

MONTREAL:
"WITNESS" PRINTING HOUSE
1900.

INDEX.

	PAGE
Instructions as to Admission of Patients ..	3
Life Governors ..	5
Elective Governors ..	6
Board of Management, etc.	7
Officers of the Institution ..	8
Attendance of Board of Management ..	9
Subscription List for 1899 ..	10
Thirteenth Annual Report of the Governors ..	11
Endowment Statement ..	14
Tenth Annual Report of the Medical Superintendent ..	16
Pathologist's Report ..	29
Statistical Tables ..	32
Financial Statement ..	47

INSTRUCTIONS AS TO ADMISSION OF PATIENTS.

In addition to commitment as a dangerous lunatic by a Recorder, Police Magistrate, or Justice of the Peace, the law provides two methods for the admission of patients.

1st. For public patients, that is, those patients whose maintenance is at the charge of municipalities and the Province, in which cases there must be handed to the Medical Superintendent an application for admission, a physician's certificate, a history of the case, a certificate from a minister, a certificate from the mayor of the patient's domicile, and a certificate from the secretary-treasurer of the municipality from which the patient comes.

2nd. For private patients, that is, those patients whose maintenance is at their own charge, in which cases there must be handed to the Medical Superintendent an application for admission, two physicians' certificates, a history of the case, and an agreement as to the rate to be paid.

All the above forms are statutory (except the agreement in the case of private patients) and must be filled out completely and legibly in every part, signed and sworn to before the patient is brought to the Hospital, otherwise he cannot be received.

Where admission is desired for a patient, the Medical Superintendent should be asked for the necessary blank forms. If this request be made by letter, the patient's name in full and residence must be given, and the statement made whether they are required for a public or private patient, as the forms differ in the two cases. Unless the case be extremely urgent, when the patient may be brought along with the papers properly filled up, they must first be returned to the Medical Superintendent, that he may satisfy himself as to their correctness and the suitability of the case.

The rates for private patients vary from four to twelve dollars per week, to be paid monthly in advance; four dollars securing admission to public wards, six or twelve dollars admission to private wards. This includes board, lodging, washing and medical attendance.

In bringing a patient to the Hospital, use force if necessary, but never deception, as it lessens the chances of cure by making him look upon the institution with dislike, and those in charge of it as alone responsible for his being kept there. Tell the patient frankly that physician and friends alike consider him sick, and that it is pro-

posed to take him to a hospital where his chances of being cured will be of the best, and whence he will be taken out again as soon as well.

Packages for patients, sent by express, must be prepaid and addressed to them, care of the Hospital.

Friends will only be written to on the occurrence of serious illness or other important incidents, but all letters of inquiry, enclosing return postage, will be promptly replied to. Every such letter of inquiry should give the writer's post-office address and mention the patient's name in full.

Patients can be seen by their relatives on Tuesdays and Saturdays only, from 10 to 11.30 A.M., and from 2 to 4.30 P.M., with permission from the Medical Superintendent. Should any friend, not a relative or guardian, wish to see a patient, such friend must have a written order from a near relative or guardian.

The general public is admitted to the Hospital on Thursdays only, between the hours of 2 and 4 P.M.

Contributions to the funds of the Hospital should be addressed to the Treasurer, Isaac H. Stearns, Esq., 27 Belmont Street, Montreal.

All communications relative to the admission of patients, their condition, payment of board, etc., to be addressed to Dr. T. J. W. Burgess, Medical Superintendent, Protestant Hospital for the Insane, P.O. Drawer 2381, Montreal, Que. Hospital Telephone No. Main 2238. Communications should not be addressed to Verdun, but to Montreal, as above.

LIFE GOVERNORS.

- Aitken, Mrs. M.
 Alexander, Chas.
 Allan, Andrew.
 Allan, H. M.
 Allan, John.
 Angus, R. B.
 Armstrong, G. E., M.D.
 Ayer, A. A.
 *Barclay, Rev. Dr.,
 St. Paul's Church.
 Begner, H. J.
 Birks, Henry.
 Bishop, Geo.
 Black, Henderson, St. Johns.
 Boas, Feodor.
 Bond, E. L.
 Borland, W. F.
 Bridgman, Geo.
 *Brown, James,
 Erskine Church.
 Brown, Jonathan.
 Buchanan, W. J.
 Buller, F., M.D.
 Burland, G. B.
 Burland, Jeffrey H.
 Burland, Miss C. J.
 Burland, Miss G. R.
 Burland, Mrs. G. B.
 Burstall, J., & Co.
 Campbell, F. W., M.D.
 Cantlie, J. A.
 *Carmichael, Very Rev. Dean,
 St. George's Church.
 Carslake, Geo.
 Cassils, Chas.
 Clarke, O. L.
 Clearihue, J. B.
 Cochrane, Hon. H. M.
 Cochrane, James.
 Coristine, James.
 Corneille, C. C.
 Cowans, Robert.
 Crathern, James.
 Currie, F. P.
 Currie, W.
 Dawes, J. P.
 Dawes, T. A.
 Dewey, Rev. F. M.
 Dillon, John.
 Dobell, R. H., Quebec.
 Douglas, J. M.
 Dow, Miss.
 Dow, Miss Jessie.
 Drummond, Hon. G. A.
 Earle, Henry.
 Epslin, Geo.
 Evans, F. W.
 Evans, W. S.
 Eveleigh, Joseph.
 Ewing, A. S.
 Ewing, S. H.
 Finley, F. G., M.D.
 Finley, Samuel.
 *Fleck, Rev. James,
 Knox Church.
 Forsyth, R.
 Francis, Wm.
 Freeman, Major.
 Representing M.A.A.A.
 Gardner, W., M.D.
 Gault, A. F.
 Gentle, W. S.
 Gould, O.
 Graham, Hugh.
 *Gurd, Chas.,
 Emmanuel Church.
 Gurney, E. C.
 Hague, Geo.
 Hall, Robert.
 Hamilton, R.
 Hart, G. F.
 Hersey, Randolph.
 Hiam, Thomas.
 Hodgson, Jonathan.
 Holden, J. C.
 Hope, John.
 Hopkins, J. W.
 Hutchison, A. C.
 Ives, H. R.
 James, Enoch.
 Jones, R. A. A.,
 London, Eng.
 Langwill, Mrs. R.
 Lawrence, W. V.
 Learmont, J. B.
 Lighthall, W. F.
 Lighthall, Mrs. W. F.
 Linton, James.
 Lovejoy, G. W., M.D.
 Lyall, Peter.
 Lyman, A. C.
 Mann, W.
 Masterman, Wm.
 Mathewson, J. A.
 Molson, John T.
 Molson, Mrs. J. H. R.
 Molson, Mrs. John T.
 Molson, W. A., M.D.
 Moore, James.
 Morton, Henry.
 Mount-Stephen, Lord.
 Mussen, H. S.
 Macaulay, R.
 MacCallum, D. C., M.D.
 Mackay, Robert.
 Mackenzie, Hector.
 McArthur, Colin.
 McBride, James.
 MacDonald, Sir W. C.
 McDougall, Mrs. John.
 McIntyre, Duncan.
 McIntyre, W. C.
 Nelson, A. D.
 Ogilvy, J. A.
 Orkney, Miss E.
 Paterson, Alex.
 Paton, Hugh.
 Paton, Jas.
 Patterson, John.
 Perry, Alfred.
 Price Bros. & Co., Quebec.
 Prowse, G. R.
 Ramsay, W. M.
 Reford, Robt.
 Reid, R. G.
 Reid, Robt.
 Reid, Mrs. Robt.
 Reid, Wm.
 *Robertson, David,
 Crescent Street Church.
 Robertson, James.
 Roddick, T. G., M.D.
 Rutherford, Wm.
 Sadler, G. W.
 Scholes, F.
 *Shaw, Rev. Principal, L.L.D.,
 Dom. Sq. Methodist Ch.
 Shearer, James.
 Simpson, J. Cradock.
 Sims, A. Haig.
 Smith, G. F. C.
 Smith, R. A.
 Smith, R. Wilson.
 Smith, Wm.
 Spindlo, T.
 Stearns, I. H.
 Stephens, Hon. G. W.
 Stewart, Jas., M.D.
 Stirling, John.
 Strachan, Wm.
 Strathcona, Lord.
 Tasker, James.
 Tatley, Wm.
 Taylor, Andrew T.
 Taylor, Mrs. A. T.
 Thomas, F. Wolferstan.
 Thomas, Mrs. F. Wolferstan.
 Thomson, Edwin.
 Tooke, Benj.
 Trenholme, T. A.
 Wenless, John, M.D.
 Ward, Hon. J. K.
 Ward, Mrs. J. K.
 Whelan, J. P.
 Whitley, Fred.
 Willet, S. T.
 Willis & Co.
 Wilson, Daniel.
 Wilson, James.
 Wisner, J. P.

*Representatives of Churches.

ELECTIVE GOVERNORS FOR 1900.

BOWES, ALEX.
COX, EDWIN A.
CURRIE, JAS.
CURRIE, WM.
DRYSDALE, WM.
EWING, WM.
GATEHOUSE, HY.
HISLOP, D. S.
JOHNSTON, H. J.

LOCKER, G. R.
LOCKERBY, D. L.
MACKAY, ABRAHAM.
MATHEWSON, W. B.
MCKEOWN, JAS. H.
PHILLIPS, C. S. J.
SHAW, JOHN.
WALKER, JAS., JR.

Patrons :

THEIR EXCELLENCIES THE GOVERNOR-GENERAL OF CANADA
AND THE COUNTESS OF MINTO.

Hon. President —ALFRED PERRY.
Hon. 1st Vice-President—CHARLES ALEXANDER.
Past President —HON. J. K. WARD.

BOARD OF MANAGEMENT FOR 1900.

President, F. WOLFERSTAN THOMAS.
1st Vice-President, SAMUEL FINLEY.
2nd Vice-President, JAMES WILSON.
Treasurer I. H. STEARNS.
Hon. Secretary E. L. BOND.

HON. J. K. WARD.
PETER LYALL.
JOHN DILLON.
DR. JAMES STEWART.
JAMES MOORE.
JAMES MCBRIDE.
COLIN MCARTHUR.
DR. GEO. W. LOVEJOY.
WM. REID.
DANIEL WILSON.
JAMES CRATHERN.
BENJ. TOOKE.

GEORGE HAGUE.
JAMES PATON.
JEFFREY HALE BURLAND.
HIS LORDSHIP BISHOP BOND.
REV. JAMES BARCLAY.
REV. DEAN CARMICHAEL.
GEORGE ESPLIN.
ROBERT REID.
GEO. R. PROWSE.
GEO. W. SADLER.
ALFRED JOYCE.
CHARLES GURD.

HOUSE COMMITTEE.

DANIEL WILSON.
PETER LYALL.
GEO. W. SADLER.
GEO. ESPLIN.

G. R. PROWSE.
JAMES PATON.
JOHN DILLON.
ALFRED JOYCE.

And the Executive Officers.

OFFICERS OF THE INSTITUTION.

Medical Superintendent:

T. J. W. BURGESS, M.B., F.R.S.C.

Assistant Superintendent:

J. V. ANGLIN, M.D.

Consulting Surgeon:

G. E. ARMSTRONG, M.D.

Consulting Physician:

F. G. FINLEY, M.D.

Gynecologist:

F. A. L. LOCKHART, M.B., Edin.

Pathologist:

J. A. MACPHAIL, M.D.

Matron:

CHARLOTTE E. SHAW.

Male Chief Attendant:

J. MONTGOMERY.

Female Chief Attendant:

LIZZIE GURD.

Engineer:

E. J. THOMPSON.

Farmer:

ALEX. CHALMERS.

Carpenter:

JOHN NUTT.

ATTENDANCE OF BOARD OF MANAGEMENT.

26 Meetings in 1899.

Alfred Perry, <i>Hon. President</i>	1
Hon. J. K. Ward, <i>Past President</i>	5
F. Wolferstan Thomas, <i>President</i>	17
Chas. Alexander, <i>1st Vice-President</i>	21
J. C. Wilson, <i>2nd Vice-President</i>	0
Samuel Finley, <i>Treasurer</i>	16
Robert Reid, <i>Hon. Secretary</i>	18
James Wilson	23
George R. Prowse	22
Daniel Wilson	20
I. H. Stearns	19
George Esplin	17
Colin McArthur	15
Dr. George W. Lovejoy	13
Peter Lyall	12
E. L. Bond	11
James McBride	8
John Dillon	7
James Paton	6
James Crathern	6
Rev. Dr. Barclay	4
George Hague	4
James Moore	3
G. W. Sadler	3
Jeffrey H. Burland	1
B. Tooke	1
Dr. Jas. Stewart	0
William Reid	0
His Lordship Bishop Bond	0
Very Rev. Dean Carmichael	0

Average attendance, 10 each meeting.

SUBSCRIPTIONS FROM 1st FEBRUARY, 1899, TO 1st FEBRUARY,
1900.

"A.R.J."	\$2 00	Johnson, Elizabeth	1 00
Arnott, Mrs.	15 00	Johnston, H. J.	20 00
Ashworth, Harriet.	17 35	Jones, R. A. A.	25 00
Askew's Collection Box.	3 54	Joyce, A.	50 00
Beatty, Wm.	2 00	Lachute Thanksgiving Ser-	
Blackader, Mrs. M.	10 00	vice, per Rev. J. McQuat	19 47
Bond, His Lordship Bishop.	10 00	Ladies' Hebrew Benevolent	
Bowes, A.	10 00	Society, per Mrs. Lichten-	
Bryson, Hon. George	100 00	hein	5 00
Campbell, Rev. Dr., repre-		Langwell, Mrs. R.	50 00
senting St. Gabriel Church	20 00	Locker, G. R.	20 00
Carsley, S.	25 00	Lockerby, D. L.	10 00
Cassidy, John	10 00	Mackey, A.	25 00
Cheney, Mrs. Mary	25 00	Malboeuf, Mrs. J. B.	25 00
Christmas, T. H.	25 00	Mathewson, W. B.	10 00
City Office Collection Box ..	1 02	Morrice, Mrs. David.	5 00
Clark, O. L.	25 00	Morton, Henry	10 00
Cox, Edwin A.	55 00	Morton, Phillips & Co.	150 00
C.P.R. Telegraph Co., Col-		MacDonald, Sir W. C.	25 00
lection Box	5 39	McKeown, Jas. H.	100 00
Currie, James	10 00	MacMaster, Mrs. John A.	15 00
Currie, William	10 00	Nicholson, Geo. C.	10 00
Dawes, T. A.	25 00	Patterson, John.	
Dillon, John	200 00	Petite Cote Presbyterian	
Dow, The Misses	205 00	Mission, per Mr. Jeffrey..	28 56
Drysdale, Wm.	10 00	Phelps, Estate Emily A.	900 00
Emberson, A. J.	24 22	Poustie, James	10 00
Erskine Church, part		Quebec	25 00
Thanksgiving Offering.	127 50	Richmond and Melbourne	
Ewing, Wm.	15 00	Union Thanksgiving Ser-	
Finlay, David	50 00	vice	13 80
Gatehouse, H.	10 00	Robertson, Farquhar.	25 00
German Society	20 00	Shaw, John.	10 00
Gillies, W. B.	5 00	St. Andrew's Home Thanks-	
Gordon, Duncan	10 00	giving Service.	11 22
Haldimand, W. L.	25 00	Todd, Thomas	10 00
Hemmingford Thanksgiving		Walker, Jas., Jr.	4 00
Service.	8 60	Wishart,	25 00
Hislop, D. S.	10 00	Wilson, James	30 00
Hope, John.	10 00	Young Men's Hebrew Society	
Inspector St. Sunday School	5 00	Zion Church Offering.	16 23

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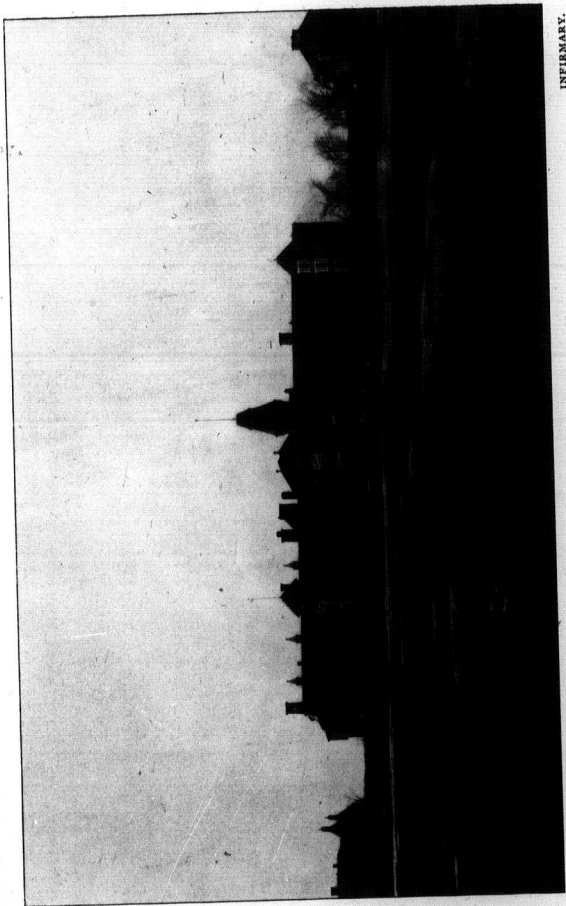
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INFIRMARY.

MAIN BUILDING.
GENERAL VIEW.

ANNEX.

INFIRMARY.

THIRTEENTH ANNUAL REPORT OF THE GOVERNORS OF
THE PROTESTANT HOSPITAL FOR THE INSANE.

To the President, Governors, and Subscribers of the Protestant Hospital for the Insane at Verdun :—

Gentlemen,—The Board of Management have the honor of herewith submitting the Thirteenth Annual Report, which brings the hospital to the tenth year of its existence for actual work.

The Medical Superintendent's Report, together with all the tabulated statements pertaining to the different departments, is also submitted, and (if possible) is even more complete and exhaustive than any which has preceded it.

As Dr. Burgess says, the close of the year brought us to the close of the first decade of the Hospital's existence for active work, and a retrospective view over the ten years gone shows how valuable this institution has been to the community.

Starting ten years ago, with a population of 115 at the end of the year, it has gradually and steadily increased year by year until today it ministers to the wants of 362 patients. Do not conclude from these figures that insanity is on the increase (statistics do not indicate that). I cite them only to show the necessity which existed for such an institution as this, and how it has steadily grown and risen in the appreciation of the public for good.

The discharge rate extending over the period I name, amounted to no less than fifty-three per cent., the great proportion of them being cures.

Proud as the citizens of Montreal ought to be of having created such an institution, and rejoicing in the noble and good work it has done and is doing, much yet remains to be done, and it is a matter of very great regret that, owing to the crippled condition of the exchequer, the Management is precluded from undertaking any of many additions which might be made to render the institution as near perfect for its work as possible; such as, for example, the building of a detached residence for the Medical Superintendent, a nurses' home, cottages for married employees, increased workshop accommodation, a summerhouse for female patients, greenhouse for the cultivation of flowers and plants for the decoration of the wards, the erection of a new detached kitchen and storehouse, and other less important additions.

ANNEX.

The new kitchen accommodation is much required, and if that could be accomplished, it would enable us to utilize the present kitchen for dining-room space, and thereby relieve a congested and cramped condition in the dining-room.

The President and Management have continued their agitation with the Government about getting additional medical help, and increased emolument for the present officers. As Dr. Burgess very properly says, if the medical staff which started with the institution, viz., two officers, was not deemed too large to take care of a population of, say, 140, it is nothing but reasonable (if the best results are to be obtained) to claim additional medical help now that they are taxed with the care of a population of 360, with the necessary increased retinue of employees, and the additional clerical work involved. We sincerely hope that every influence which can be brought to bear upon the Government will be used to the end that this just and reasonable request be granted.

During the year the ordinary receipts have fallen short of the expenditure for maintenance by about \$3,000. In addition to that we have incurred an indebtedness of about \$18,000 for improvements that were absolutely necessary. This debt is a source of very great anxiety to the Board of Management, and really should be cleared off without further delay. If that were paid the ordinary revenue would just about meet the expenditure.

We make a most urgent appeal to the friends of the institution to move in this matter, and get this debt paid off.

We are pleased to put on record that in response to the invitation of our worthy President, Mr. Thomas, their Excellencies the Governor General and the Countess of Minto have graciously consented to recognize our institution and become its patrons.

The number of admissions for the year were 147, as compared with 110 last year. This is the largest number received in any one year since the opening of the institution. It gave a total under treatment of 471, or a daily average population of 343.45. Eighty patients were discharged—49 recovered, 26 improved, and 5 unimproved. This is a discharge rate of 54.42 per cent., and a recovery rate of 33.33 per cent. on the admissions.

Dr. Burgess again very pointedly draws attention to the importance of early hospital treatment in cases of brain trouble, showing that of the 49 patients discharged cured, 26 of them had been insane less than two months prior to reception, and 43 of the 49 (that is over 87 per cent.) had been insane less than a year.

There were 33 deaths, or 7 per cent. on the total number under treatment. Fourteen died at an advanced age, all over 60; and one had reached the age of 88.

The infirmary has proved a great help in the administration, and is doing a good work.

It is with very deep regret and sorrow that your Board has to take cognizance of a communication received from our worthy President some months ago intimating that, owing to ill-health, he feared he would be unable to continue giving that active interest and attention to the work of this institution which has so prominently identified him with it for so many years. I am very pleased to say, however, that, without expecting him to take any further responsibility or care in the active administration, he has been pleased to accede to the unanimous request of the Board and signified his willingness to allow his name to remain with us, which I am sure will be a matter of gratification to all present.

Death has laid a heavy hand on our Governors, and it is with the deepest sorrow we have to record the following deaths since last meeting:—Mr. John Stirling, Mr. E. K. Greene, Mr. Robt. Moat, Mr. Hugh McLennan, Mr. J. C. Wilson, Mr. W. W. Ogilvie, and Mr. Walter Drake.

We have to acknowledge with thanks the deep obligation we are under to all the kind-hearted friends who have contributed in kind and otherwise. Our thanks are also due to the publishers of the daily papers at home and abroad for their gratuitous supply.

The staff have worked in harmony with the Medical Superintendent, and all faithfully discharged their duties. In connection with this I wish to put on record the very valuable help rendered by Dr. Anglin in his capacity as Assistant Medical Superintendent, special reference to which has been made by Dr. Burgess. The Board are indeed fortunate in having two such medical officers.

We have to acknowledge with gratitude a bequest from the estate of Emily A. Phelps, of London, England, of \$900.

All respectfully submitted,

ROBT. REID,

Hon. Secretary.

ENDOWMENT STATEMENT.

The following are the several permanent funds of the Hospital,
accompanied by lists of the securities in which they are invested.

THE FREDERICK FROTHINGHAM MEMORIAL FUND.

(Gift of Mrs. John H. R. Molson.)

30 shares Merchants Bank stock	\$4,851 75
63 " Molsons " "	5,236 87
	\$10,088 62

THE MATTHEW CAMPBELL FUND.

(Gift of Messrs. James Spier and Robt. W. Kerr, Executors.)

7 shares Merchants Bank stock	\$1,150 25
23 " Molsons " "	1,913 87
	\$3,064 12

SPECIAL ENDOWMENT FUND.

(Gift of a Lady Friend, name not given.)

15 shares Merchants Bank stock	\$2,463 75
30 " Molsons " "	2,553 75
	\$5,017 50

1895 ENDOWMENT FUND.

(Bequests of the undermentioned.)

Jno. J. Arnton	\$360 00
Mrs. Sargeant	250 00
Ann Doherty	270 00
Evan Fisher Ames	450 00
Elizabeth H. Rogers	45 00
	\$1,375 00

Represented by 15 shares Molsons Bank stock

1896 ENDOWMENTS.

Miss E. C. Orkney	\$6,000 00
Estate John C. Watson	1,800 00
“ Mrs. Buckland	900 00
“ Mrs. Rintoul	450 00
“ George Childs	450 00
“ Miss M. S. Hird	450 00
“ Matthew Campbell, 2nd donation ..	255 57
“ Wm. McNaughton	50 00

\$10,355 57

Represented by 86 shares Montreal Gas Co.'s stock, 25 shares Montreal Telegraph Co.'s stock, and 16 shares Bell Telephone Co.'s stock.

1897 ENDOWMENTS.

John Thomas Molson, in memory of the late J. H. R. Molson	\$5,000 00
Estate A. C. Leslie	900 00

\$5,900 00

Represented by 55 shares Montreal Telegraph stock.

1898 ENDOWMENTS.

Estate Robert Anderson	\$3,600 00
“ W. J. Withel	1,800 00
Still to be invested	\$5,400 00

al,

75

87

62

25

87

12

3 75

3 75

7 50

60 00

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TENTH ANNUAL REPORT OF THE MEDICAL
SUPERINTENDENT.

To the President and Board of Management:—

Gentlemen,—Yet another mile-stone in the history of the hospital has been passed, and with its disappearance it becomes once more my duty, as Superintendent, to lay before you a record of the year's operations.

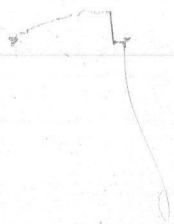
With the close of the year 1899 closed also the first decade of the institution's existence, and it cannot but be a subject of gratification to the many who have taken an active part in its organization, as well as those interested in its welfare, that so large a measure of success has been vouchsafed it. As from the humble acorn springs the lordly oak, so from the small and ill-equipped establishment, standing, as it were, on a waste common, first opened in the spring of 1890, has sprung the present group of buildings, surrounded by handsome grounds, and well-equipped for the care of four hundred of the most unfortunate of all classes of afflicted humanity. That the efforts of the good Samaritans who have so generously stretched out their hands to aid their suffering fellow-men have not been thrown away is evidenced by the fact that, during the past ten years, forty per cent. of those admitted to the hospital for treatment have been discharged cured and able to again take their places in the battle of life. In addition not a few have been so much benefited that, while not fully recovered, they were able without danger to resume their places in the family circle. These two classes combined make the total discharge rate in the decade no less than fifty-two and three quarters per cent. Nor is this the sole measure of the good attained. Restoration to mental health is not the only object of a hospital for the insane. Incurable cases, as much as curable ones, are entitled to safe-keeping, care, and, as far as possible, the amelioration of their unfortunate condition. To hundreds of this class the institution has been a veritable haven of refuge—a godsend both to themselves and the public, to the safety of which some of them had been a standing menace.

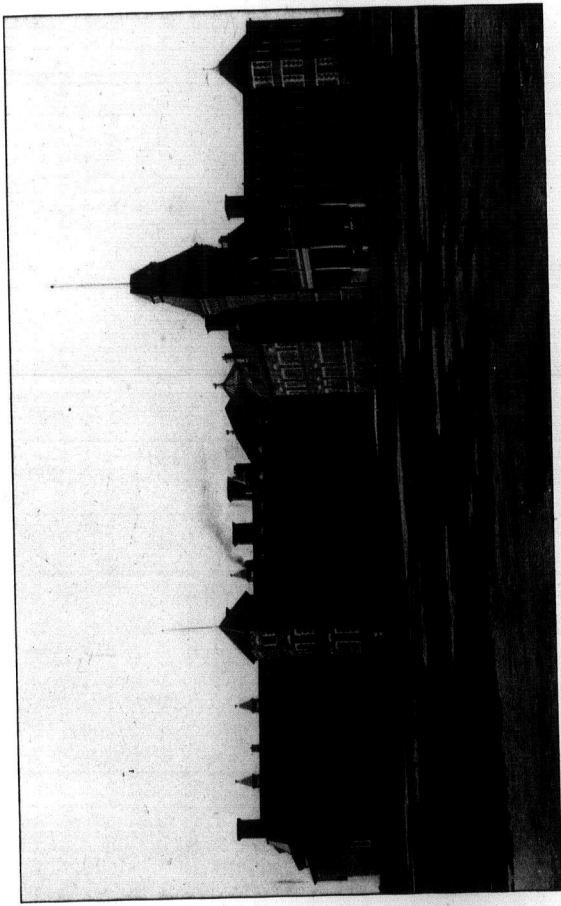
Much has been done, so much that the city of Montreal, whence has come the great bulk of the subscriptions to the hospital, may well be proud of it as not the least of the many charitable monuments she has erected. Much, however, remains to be accomplished

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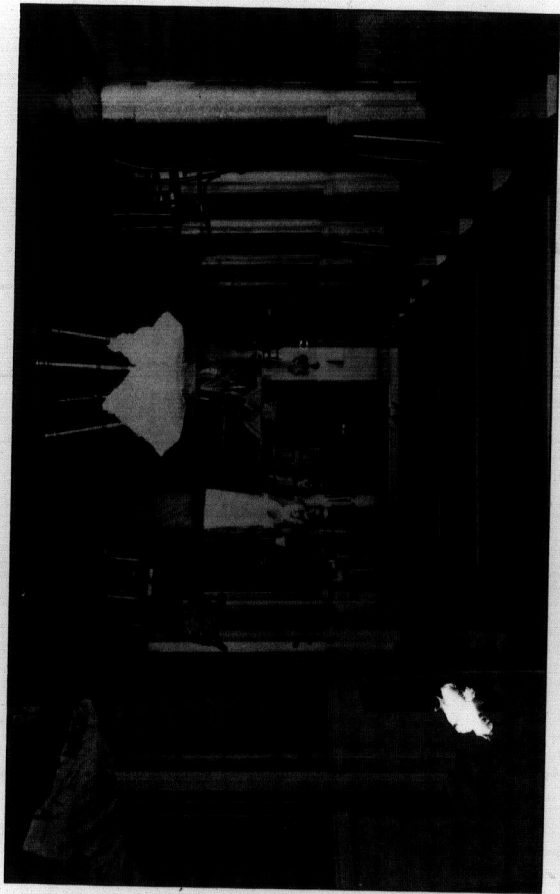
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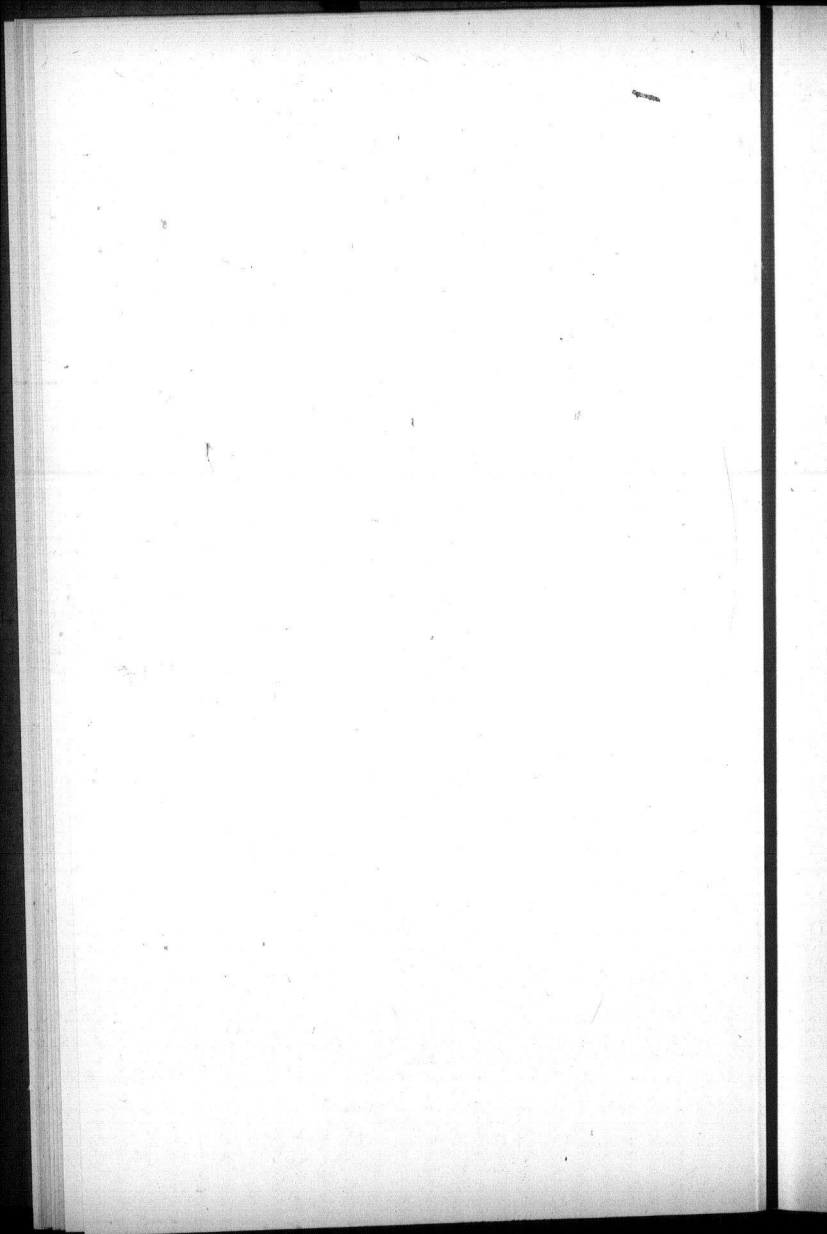
MAIN BUILDING.

PUBLIC WARD.



PUBLIC WARD.

MAIN BUILDING.



ere the institution can be what I would fain see it. During the past year the ordinary receipts have fallen short of the expenditure for maintenance by three thousand dollars. In addition, an indebtedness of eighteen thousand dollars, incurred for necessary improvements, hangs like an incubus over it. To clear off this and provide for any further improvements the Board of Management, which, headed by the President, has nobly waged an uphill fight, will still have to look to the charitably disposed citizens of the Province. No one, be he rich or poor, high or low, can claim exemption from insanity, a disease which invades all classes—a disease that involves to the patient himself, his family, and the community at large a wider range of interests than any other known disorder. In view of these facts, and the evidence of the good already made manifest, I would earnestly appeal to all classes that they should lose no time in assisting to place the establishment on a sound financial basis.

The appended statistical tables, compiled with great care by Dr. Anglin, show in full the movement and condition of our population, both during the period covered by this report, and since the opening of the institution. From these I have abstracted such details as will, I think, be of most striking interest to yourselves and the general public.

ADMISSIONS.

The admissions, consisting of 63 private and 84 public patients amounted to 147. This is the largest number received in any one year since the opening of the institution, and made a total under treatment of 471, or a daily average population of 343.45.

The gradual increase in the number of admissions is evidence of a steadily growing recognition on the part of the community of the benefit of the hospital. The difficulty in treating cases of mental disorder at home, the family misery caused by their presence there, as well as the risks run through them, all suggest the relief, safety, and increased prospects of recovery to be found in such institutions.

Hereditary tendency to insanity was ascertainable in 74 cases, that is in 50.34 per cent. of the total admissions. Its existence was denied in 44 cases (29.93 per cent.), and in 29 cases (19.72 per cent.) it was impossible to discover whether or not it existed.

In 48 of the cases (32.65 per cent.) the insanity was of from one to forty years' duration; six cases were congenital, and in three the duration was unknown.

No less than 42 (28.57 per cent.) of the patients received were over fifty years of age, nine of them being past seventy, and four past eighty. Treatment is of no avail to restore the faculties lost through senile changes, and such cases become a burthen upon the hospital up to their death.

DISCHARGES.

Eighty patients were discharged from the hospital, of whom 49 were recovered, 26 improved, and 5 unimproved. This is a discharge rate of 52.42 per cent., and a recovery rate of 33.33 on the admissions, a good showing considering the kind of material afforded us to work upon, over 63 per cent. of the cases admitted being hopeless from the outset.

A forcible illustration of the importance of early hospital treatment in cases of brain disorder is found in the fact that 26 of the 49 patients discharged recovered had been insane less than two months prior to reception, and 43 (that is over 87 per cent.) less than a year.

The average period under hospital treatment of the total number discharged was about nine and one-half months.

DEATHS.

The deaths numbered 33, making a percentage of 7 on the total number under treatment.

No case of contagious disorder occurred during the year, and there was little acute disease of any kind. Phthisis again headed the list of the causes of death, and accounted for 27 per cent. of the total cases. In one instance death was the result of a large cerebral tumor. Of this specially interesting case a full account is given in the pathologist's report hereto appended.

Five of the patients who died were over 60 years of age, five over 70, and two over 80, one of these having reached the advanced span of 88. The average duration of life of those who passed away was a trifle less than 53 years, and their average length of residence in the hospital a little over two and a half years.

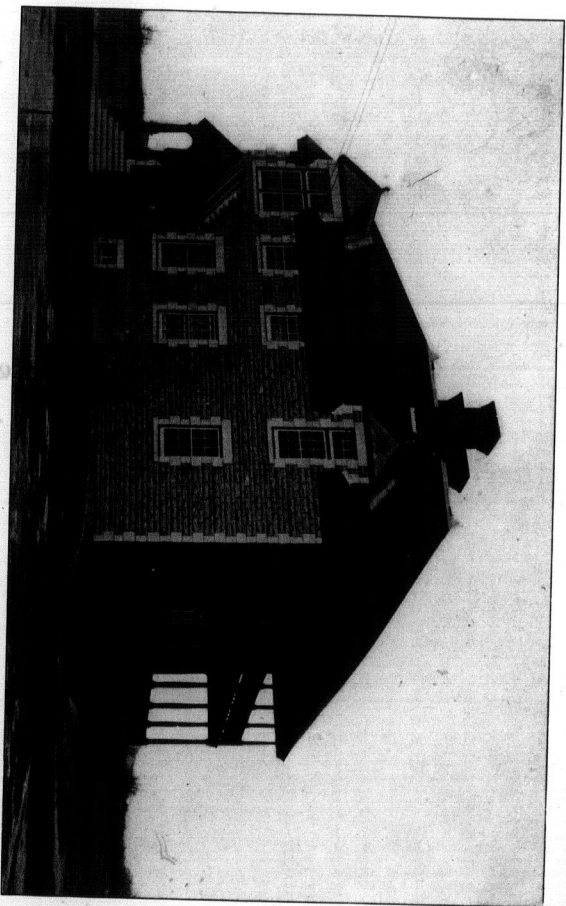
INFIRMARY.

Under the charge of Nurse Perkins the Infirmary has done excellent work, and fully justified its erection. Day by day its usefulness becomes more strikingly manifest for the proper treatment of those afflicted with physical as well as mental ailments. During the year 55 patients received the benefit of a residence within its walls.

OCCUPATION AND AMUSEMENT.

While medical treatment is all-important in many cases, in the great majority it is of minor importance compared with moral treatment, and much of the success of the hospital, I feel assured, has been due to persistent efforts to occupy and amuse the inmates. As in former years, every privilege and pleasure has been accorded to patients that was deemed consistent with their condition, and every means at our command has been used to furnish healthful employ-

INFIRMARY.



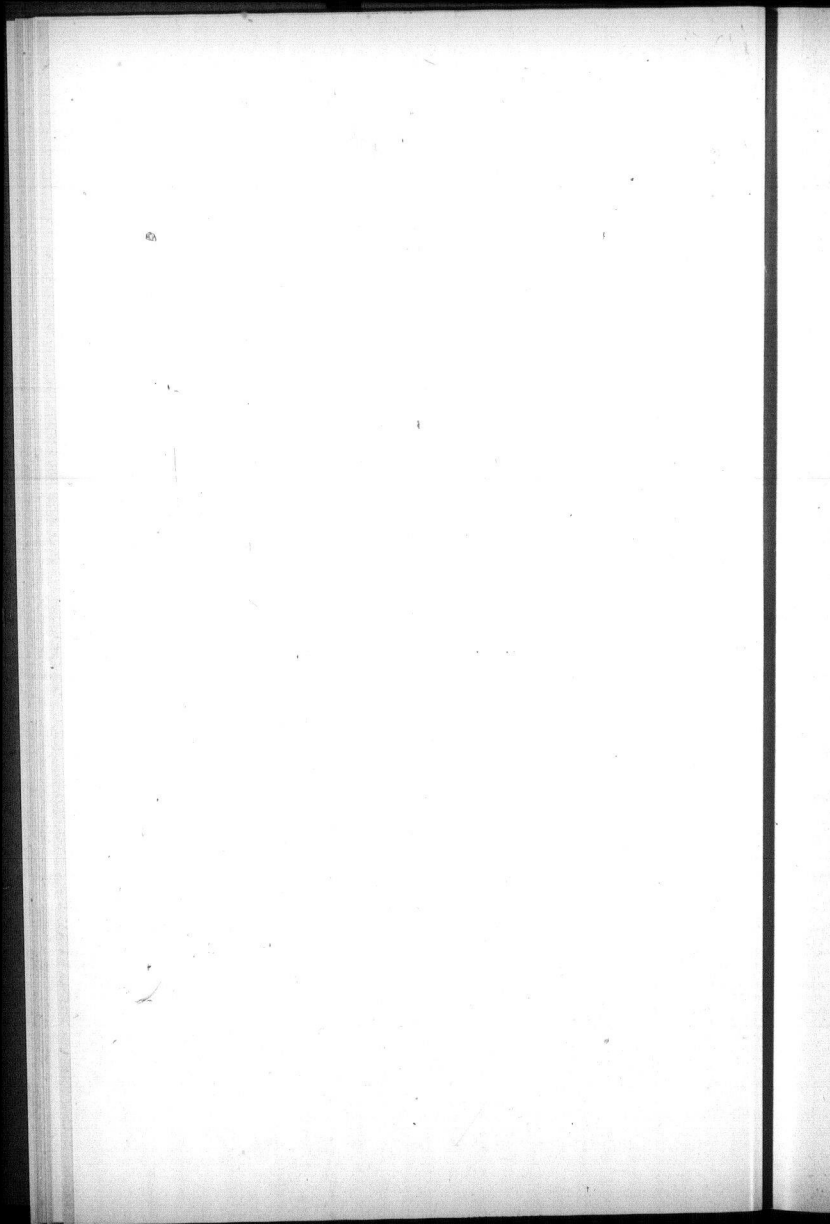
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ment and recreation. In the matter of employment, however, as frequently before stated, the institution is not as well provided as it should be. A larger number of patients could be employed with profit to themselves and the hospital if we had the necessary equipment in the way of shops, implements and instructors. As usual, our amusements have consisted of baseball, croquet, skating, curling, walking and driving parties, dances, concerts, and indoor games of various kinds, besides ample reading matter in the shape of books and newspapers. Golf was introduced this year, and several of the patients took great enjoyment out of it.

Through the kindness of Captain Beauvais, of the steamer "Napier-ville," a number of the patients were treated to trips on the river. On none of these excursions was there an instance of unbecoming behaviour, or attempt at escape.

The two events of the year looked forward to with greatest interest, the annual sports and the Christmas-tree, passed off with unprecedented success. Both of them were attended by nearly every inmate of the hospital, and afforded great pleasure to the entire household. A new feature of the sports was the introduction of a hose-laying contest between two teams chosen from the members of the hospital fire-brigade. The prize, a beautiful and handsomely engraved silver speaking-trumpet, presented by the Montreal fire insurance companies for annual competition, was won in excellent time by a team of the outside employees, composed of Messrs. Jno. Nutt, T. Matthews, R. M. Allsopp, J. Ferguson, W. Keys, and W. Bertram.

To the providers of the following entertainments I would, on behalf of those so kindly catered for, extend my sincere thanks:—

January 6th.—Variety entertainment by Mr. Bevans Giles and friends.

January 23rd.—Minstrel show by Mr. J. D. Doyle, and the "Won Sicks Ate Minstrels."

February 20th.—Concert by Reliance Council. No. 12, R.T. of T.

February 24th.—Concert by Dr. F. A. L. Lockhart, and members of Ingomar Lodge, Knights of Pythias.

March 4th.—Concert by Dr. A. F. Ibbotson and friends.

March 10th.—Concert by members of the Y.P.S.C.E. of Point St. Charles Baptist Church.

March 17th.—Concert by Mr. Bevans Giles and friends.

April 7th.—Variety entertainment by pupils of Riverside School.

November 25th.—Concert by J. Ritchie Bell and friends.

IMPROVEMENTS.

In the way of minor repairs and improvements made during the year, the work of the engineer, carpenter, painter, and plasterer, assisted by the patients, is everywhere in evidence.

Of major improvements the most important has been the replacement of the Smead-Dowd system of heating under the male wing by steam, as was done under the female wing in 1898. While some slight defects are still apparent, chiefly due to the piecemeal way in which our steam-heating has been introduced, the new system, with some readjustment of pipes to be done during the coming summer, promises to be a great success on the scores of safety, economy, and cleanliness, and Mr. G. R. Prowse, the originator of the new plan, is to be congratulated upon the good results attained. With the conversion of the stack-heaters on similar lines, the basement will be void of fireplaces, which cannot exist save as sources of dirt and danger.

Through the kindness of Mr. Colin McArthur, Mr. Andrew T. Taylor, Mr. John Murphy, and the Canada Paint Company, the rotunda occupying the centre of the main building has been elaborately re-decorated, and now presents a very handsome appearance.

With a view to rendering the heating of the infirmary more satisfactory, a six-inch layer of salted sawdust was laid on boards placed over the ceiling of the upper flat.

The installation of the Knowles underwriter steam fire-pump was completed, and a new cement floor laid in the engine-room. A similar floor was laid in the coach-house. For the work of laying these floors we are indebted to the generosity of Mr. C. T. Williams, of Messrs. Geo. W. Reed and Co.

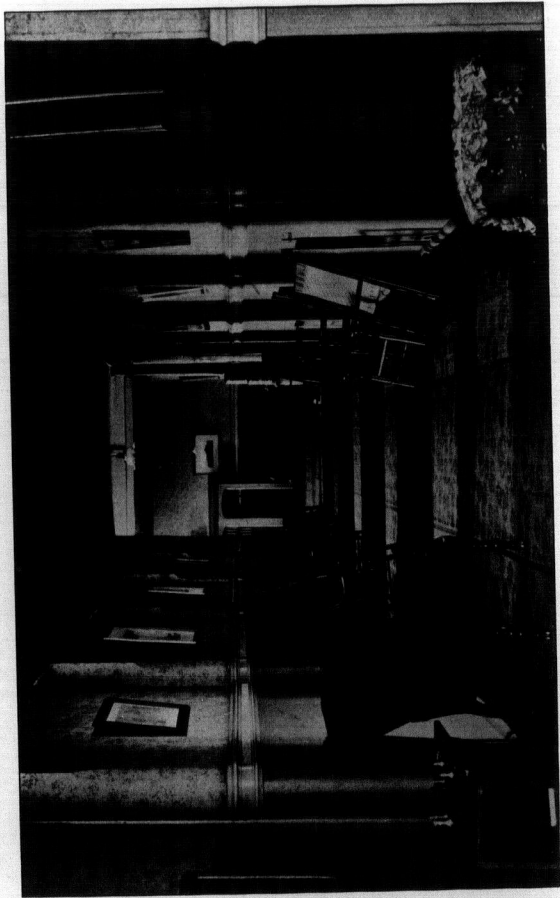
PORTRAIT GALLERY.

Our Portrait Gallery of the founders and benefactors of the hospital has been enriched by three additions in oil. One, a speaking likeness of the late Mr. J. H. R. Molson, a Vice-President and munificent contributor to the funds of the institution, the work of Mr. Robert Harris, President of the Royal Canadian Academy, was a gift from his widow, who has at all times shown a keen and practical interest in our welfare. Another, an excellent portrait of the late Alderman W. D. Stroud, also a Vice-President of the hospital, and one of the most earnest workers for its foundation, was presented by his children. The third, a handsome and admirable likeness of Mr. G. B. Burland, the second President of the institution, and the gentleman to whom we are lately indebted for the fitting up and furnishing of our pathological rooms, was a present from himself.

WANTS.

I regret to say that none of the requirements mentioned in my last annual report have been fulfilled. Lack of means alone has debarred the Board of Management from their execution, and it is to be hoped

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MALE PRIVATE WARD.

that some of the good friends who have so generously aided us in the past, may see their way in the near future to providing funds for their carrying out. They may be enumerated as follows:—A nurses' home, where, when off duty, they may be free from the noise and worry of the wards; a detached residence for the Medical Superintendent and his family; cottages for married employees; increased workshop accommodation, so as to admit of the introduction of a greater variety in the occupation of our patients; a summer-house for female patients; a greenhouse for the cultivation of flowers and plants for the decoration of the wards; and the erection of a new, detached kitchen, so as to allow of the conversion of the present one into additional and much-needed dining-room space.

In this connection I might call attention to the great need of a third medical officer, a need which the President, Mr. Thomas, and the Board of Management have clearly recognized and strenuously endeavored to induce the Government to supply. With the steady increase in our population this want becomes daily more apparent. The same medical staff that was not deemed too large to care for a daily population of 146, in 1891, has now to look after a daily population of 350, besides a largely increased retinue of employees, with a proportionate increase in correspondence and other clerical work. If their positions were designed to be merely custodial, two physicians might be ample for the task, but if they are expected to carry out what I take to be the views of the originators of and subscribers to the hospital, namely the adoption of the latest and best means toward the cure of the insane, a third becomes a crying necessity.

FINANCIAL.

The total receipts for the year, exclusive of subscriptions and donations received by the Treasurer, amounted to \$61,139.10, derived from the following sources:—

From Government for public patients	\$36,581 58
From private patients	21,958 70
Interest on endowments	1,639 25
Articles sold, etc... .. .	959 57

This is an increase in ordinary revenue over that for 1898 of \$5,746 94.

The total expenditure for maintenance, including wages, furniture, and all ordinary living expenses (as furnished by Secretary) was \$64,153.89, being an increase over that for 1898 of \$2,942.50, and an excess of ordinary expenditure over ordinary revenue of \$3,014.79.

The expenditure for maintenance divided by the daily average population (343.45) makes the per capita cost per annum \$186.79, as against \$193.41 in 1898.

GROUNDS, GARDEN AND FARM.

Through the unceasing care of Mr. Cagney, assisted by some of the patients, the ornamental grounds surrounding the various buildings were kept in excellent shape, the wide stretches of verdant lawn eliciting the admiration of everyone.

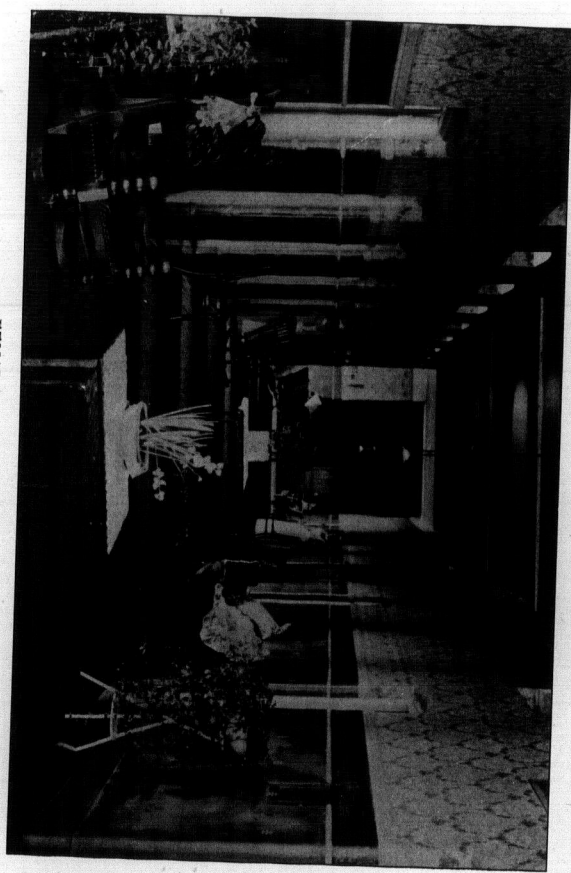
As to the value of the garden and farm as a means of giving employment to a large number of the inmates, and providing an abundance of fresh vegetables, milk, etc., there can be no question. In both quantity and quality the crops raised during the past year were decidedly above the average, the total value of farm and garden products, based on the market value of these goods in Montreal, being \$8,594.82, as shown at length in the annexed schedule:—

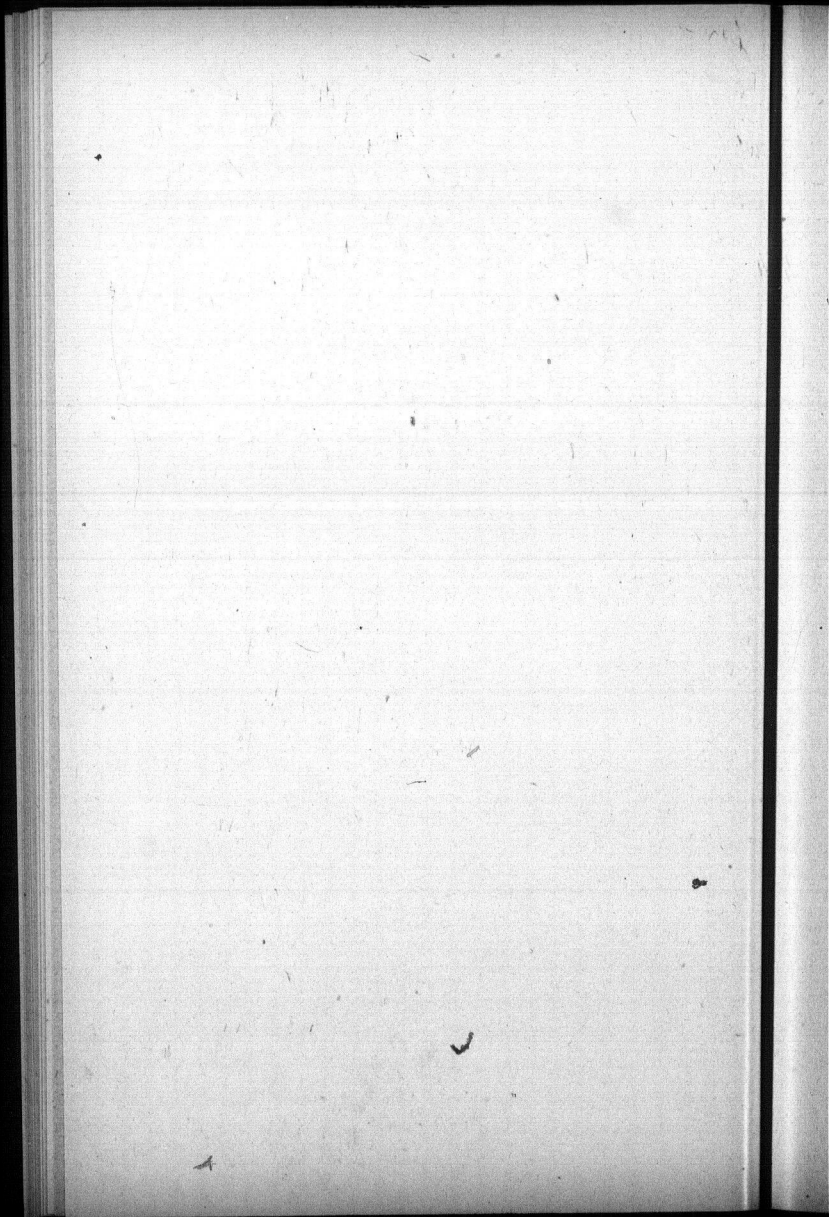
Apples	117	baskets @ 75c.	\$ 87.75
Artichokes	67	bushels @ 80c.	53.60
Asparagus	137	bunches @ 17c.	23.29
Beans, butter	28	bushels @ 75c.	21.00
Beets, early	377	bunches @ 6c.	22.62
Beets, winter	443	bushels @ 45c.	199.35
Brussels sprouts	217	stalks @ 5c.	10.85
Bones, sold	1820	pounds @ 60c. per 100.	10.92
Cabbage, early	3928	heads @ 2c.	78.56
Cabbage, red	210	heads @ 4c.	8.40
Cabbage, winter	5600	heads @ 2½c.	140.00
Calves, butchered (1)	72	pounds @ 8c.	5.76
Carrots, early	343	bunches @ 3c.	10.29
Carrots, red, for table use	480	bushels @ 40c.	192.00
Carrots, white Belgian, for cows	510	bushels @ 35c.	178.50
Cauliflower	291	heads @ 5c.	14.55
Celery	971	heads @ 4c.	38.84
Chickens, killed for table use (11)	73	pounds @ 11c.	8.03
Corn	239	dozen @ 15c.	35.85
Cows, beefed (7)	4009	pounds @ 5½c.	220.49
Cows, sold (6)			208.00
Cress	59	bunches @ 7c.	4.13
Cucumbers	110	dozen @ 25c.	27.50
Currants	30	gallons @ 45c.	13.50
Eggs, new laid	87	dozen @ 25c.	21.75
Fodder, corn, for ensilage	90	tons @ \$5.	540.00
Fodder, green, oats and vetch	4	tons @ \$5.	20.00
Gooseberries	38	gallons @ 37½c.	14.25
Hay	26	tons @ \$10.	260.00
Hides and tallow			25.12
Horse beans, for ensilage	8	tons @ \$7.	56.00
Horses, sold (1)	180	tons @ \$1.	55.00
Ice, cut and stored	180	tons @ \$1.	180.00
Lettuce	830	heads @ 3c.	24.90
Mangels	35	tons @ \$8.	280.00
Melons	53	@ 20c.	10.60
Milk	13,924	gallons @ 19c.	2645.56
Mint	35	bunches @ 10c.	3.50
Onions, green	343	bunches @ 10c.	34.30
Onions, winter	123	bushels @ 75c.	92.25
Parsley	167	bunches @ 7c.	11.69
Parsnips	335	bushels @ 50c.	167.50
Peas, green	12	bushels @ 50c.	6.00
Peppers, red	8	dozen @ 20c.	1.60

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FEMALE PRIVATE WARD.





Pigs, sold for pork (60)	15,788 pounds @ \$4.35 to \$4.60	
	per 100	718.06
Pigs, young, sold, (2)		5.00
Potatoes	2700 bushels @ 45c.	1215.00
Potatoes, sold	47 bags @ 65c.	30.55
Pumpkins	25 @ 15c.	3.75
Radishes	443 bunches @ 6c.	26.58
Rhubarb	949 bunches @ 10c.	94.90
Sage	23 bunches @ 6c.	1.38
Salsify	212 heads @ 2½c.	5.30
Spinach	39 bushels @ 50c.	19.50
Squash	30 @ 20c.	6.00
Strawberries	6 boxes @ 15c. . . . .	.90
Summer-savory	34 bunches @ 6c.	2.04
Sunflowers, for ensilage	6 tons @ \$10	60.00
Thyme, early	12 bunches @ 6c. . . . .	.72
Thyme, winter	37 bunches @ 6c.	2.22
Tomatoes, green	47 bushels @ 25c.	11.75
Tomatoes, ripe	138 bushels @ 35c.	48.30
Turnips, early	266 bunches @ 7c.	18.62
Turnips, winter	470 bushels @ 40c.	188.00
Vegetable marrows	483 @ 15c.	72.45
Total		<u>\$8594.82</u>

In addition to caring for the farm and garden, the farmer, Mr. Chalmers, was able to make the following improvements to the property:—430 feet of macadamized road made to back of farm; 1,750 feet of the line ditch on each side of the hospital premises was made a foot deeper, the soil taken therefrom being used to fill up low places in a field adjoining the garden, which we purpose adding to it; 148 loads of earth, and 33 loads of ashes drawn to level up poultry-yard and at back of main building; 1,650 feet of surface drains opened to let water off in spring; 633 loads of manure drawn from city.

VISITS AND INSPECTIONS.

Official visits were made at various times by the Grand Jury, the Government Inspectors, the Board of Management, and the House and other Committees.

Fifteen inspections were made by the following duly appointed Visiting Governors:—Jas. Ballantyne, Rev. Dr. Barclay, Arch. Bowes, J. B. Clearihue, James Currie, Wm. Currie, W. Drysdale, Joseph Eveleigh, A. S. Ewing, S. H. Ewing, Wm. Francis, Daniel S. Hislop, J. W. Hughes, Hy. Morton, Jno. Patterson, Farquhar Robertson, J. Seberman, John Shaw, James Simpson, C. W. Trenholme, Richard White, J. A. Wilson and A. Young.

ACKNOWLEDGMENTS.

Weekly religious services have been, as heretofore, conducted by the ministers of the various religious denominations, without remuneration. To the gentlemen who so kindly officiated we beg to tender our sincere thanks.

To the undermentioned friends and others who, during the past year, have contributed in a variety of ways to the well-being of the institution and its inmates, our grateful acknowledgments are justly due and heartily tendered:—

For cash contributions received and forwarded to the Treasurer for addition to the general funds:—Mrs. M. Blackader, \$10; T. H. Christmas, \$25; Alfred J. Emberson and Mrs. Yool, London, Eng., \$24.22; W. B. Gillies, Buckingham, Que., \$5; Inspector Street Sabbath School special collection, \$5; Alfred Joyce, \$50; Mrs. J. B. Malboeuf, Waterloo, Que., \$25; Union thanksgiving service collection, Richmond and Melbourne, \$13.80.

For books and papers for wards:—Jos. Allen; Mrs. Baddersley; Mrs. M. Bigelow; Mrs. M. Brown; Mrs. M. Burnie; Geo. Carslake; Mrs. J. H. Chapman; Miss Crawford, Verdun, Que.; Mrs. A. J. Dawes, Upper Lachine, Que.; John Dillon; the Misses Dow; Mrs. E. M. Greenshields; G.T.R. Literary and Scientific Institute; W. Henry; Mrs. G. W. Lovejoy; David McFarlane; Hy. P. Magnus; Mrs. Percy Marling; Jas. Mason; A. S. Masterman; Mrs. M. Masterman; Mrs. J. H. R. Molson; Montefiore Club; Mrs. Pangman; Ready Circle King's Daughters, per Mrs. S. M. Baylis; Mrs. Robert Reid; Royal Albert Club; St. Andrew's Club; Miss Selar; H. E. Smith; B. Tooke; Richard White.

For clothing, bedding, and materials to make same:—Mrs. H. M. Allan; Mrs. M. Bigelow; Mrs. E. L. Bond's Sewing Class; Wm. Currie; the Misses Dow; "Friend"; Mrs. R. T. Godfrey; S. Greenshields, Son and Co.; Mrs. Heney; Mr. Howard; David Morrice; J. A. Ogilvy and Sons; Mrs. R. G. Reid; Mrs. Rousseau; Frank W. Smith; Lady Van Horne; J. J. Westgate.

For fruit and flowers:—Mrs. A. W. Allan; Joseph Brown; Allan Cameron; Miss M. Crawford, Verdun; Mr. Hall; Alfred Joyce; J. A. Mathewson and Co.; Mrs. J. H. R. Molson; Mr. Smyth; Mr. Truesdale.

For provisions, etc.:—Christie, Brown and Co.; F. C. Emberson; Mrs. R. G. Reid; Mrs. A. W. Stevenson; Hon. J. K. Ward.

For prizes for annual sports:—Charles Alexander and Sons; John Allen; Edward Askew; A. A. Ayer and Co.; J. Ritchie Bell; Henry Birks and Sons; Bishop Engraving and Printing Co.; E. L. Bond; A. Bowes and Co.; British American Dyeing Co.; John Brodie; Jonathan Brown; Robert H. Bryson; J. V. Calcutt; Charles Cassils; J. H. Chapman; Chase and Sanborn; Christie, Brown and Co.; James Crathern; John Crawford; James Currie; William Currie; Edward Darling; Dart and Chapman; The Thomas Davidson Manufacturing Co.; Mrs. George Deacon; R. A. Dickson and Co.; John Dillon; Dominion Coal Co.; The William Drysdale Co.; A. S. Ewing;

Wm. Ewing and Co.; G. H. Featherston; Samuel Finley; Thomas Forde; Fraser, Viger and Co.; "Friend"; H. Gatehouse; Gault Brothers, Co.; Gibb and Co.; E. K. Greene; Mrs. E. M. Greenshields; S. Greenshields, Son, and Co.; Joseph L. Gurd; George Hague; G. F. Hartt; Haycock and Dudgeon; Hislop and Hunter; Hodgson, Sumner and Co.; Mrs. J. Hood; S. Hyman; Mrs. H. Irwin; H. R. Ives and Co.; Lang Manufacturing Co.; Leeming, Miles and Co.; C. W. Lindsay; Lockerby Brothers; Lyman, Sons and Co.; Mrs. Robertson Macaulay; Sir W. C. McDonald; Colin McArthur; Mrs. John McDougall; J. H. McKeown; A. S. and W. H. Masterman; J. A. Mathewson and Co.; Matthews, Towers and Co.; May Brothers; Montreal Electric Co.; Montreal Fire Insurance Companies; James Moore; Henry Morgan and Co.; A. E. Morris; Morton, Phillips and Co.; H. Munderloh; H. A. Nelson and Sons; George C. Nicholson; Hon. A. W. Ogilvie; Jas. A. Ogilvy and Sons; Geo. Prowse; J. Rattray and Co.; R. Reford and Co.; H. W. Reynolds; The James Robertson Co.; Robertson and Co.; John Robertson and Sons; George G. Robinson and Co.; Thomas Samuel and Son; A. Savage and Son; W. Seale; R. Sharpley and Sons; H. Shore and Co.; Skelton, Bros. and Co.; The "Star"; R. Wilson Smith; W. Smith; Hon. G. W. Stephens; T. M. Studam; D. Surgeon; James Tasker; Tooke Bros.; R. J. Tooke; Alderman Turner; Vipond, McBride and Co.; F. L. Wanklyn; Hon. J. K. Ward; Wightman Sporting Goods Co.; Daniel Wilson; James Wilson; A. Young.

For Christmas-tree presents for friendless patients:—Mrs. Aitken; Dr. G. W. Beers; Mrs. K. M. Bouchard; Mrs. Bowker, Cowansville, Que.; Miss I. and Mr. G. Cameron; Mrs. G. Cardwell; Rev. Dean Carmichael; Mrs. J. H. Chapman; A. J. Emberson, London, Eng.; Mrs. Greer; "Friend"; W. B. Greene, Waltham, Mass.; Geo. Hague; Miss Hague; The Misses Haldimand; Miss J. Hall, Toronto, Ont.; F. L. Hart; Miss Mgt. Hill; N. Hodgson, Como, Que.; Dr. Huffman, Denver, Col.; Mrs. Little; F. W. Maloney, Hatley, Que.; Mrs. T. H. Napier; J. Ollerhead, Heart's Content, Newfoundland; Mrs. A. T. Parker, Hatley, Que.; Mrs. Geo. Painter; Miss F. E. Ross and friends, Quebec, Que.; Mrs. Alex. Ross; St. Lambert Circle King's Daughters; Miss Jessie Simpson, Providence, R.I.; Mrs. Wm. Taylor; Mrs. Thomson; Mrs. E. J. Trott; Mrs. Tweedie; Mrs. Wilson; Mrs. Joseph Wilson; W. Woodward, Lachine, Que.; Willing Workers, Little Metis, Que.; Mrs. Wright.

For miscellaneous donations not above enumerated:—Mrs. A. W. Allan, crokinole board; D. Barton, repairs to clocks; Beiding, Paul and Co., silks for fancy-work; A. Bewes and Co., bale evergreens; J. Brodie, Jun., two dozen hymn books; Allan Cameron, five framed pictures for wards, and two cases minerals; Mrs. J. H. Chapman, ple-

tures for framing; T. L. Clark, three strings bells; G. and J. Esplin, sawdust; A. C. F. Finzel, ten fruit trees for garden; Frothingham and Workman, set of carpenter's tools for use of patients; Jas. Fyfe, repairs to scales; J. W. Hughes, iron slop sink; Colin McArthur, wallpaper and friezes; McEachran, Baker and McEachran, veterinary services for the year; A. S. Masterman, 26 framed pictures for wards; Mrs. Masterman, six feather pillows; Methodist Sunday School Union of Montreal, 300 bags candy; D. Nightingale, four boxes billiard chalk; James Paton, boat and boat-house; Chas. S. J. Phillips, simplicity cloth bath; Pillow and Hersey Manufacturing Co., goods in connection with steam heating; Geo. Roberts, lumber for infirmary; Jas. Shearer Co., sawdust; J. Sutherland, all salt used during the year; United Agency Co., New York, per W. R. Wonham and Son, case Apenta water; H. Vallence, repairs to steam boilers; Hon. J. K. Ward, sawdust; C. T. Williams, laying of engine-room and coach-house floors; Jas. Wilson, 100 feet halyards; A. Young, cartage of boat and boat-house.

For labor and material (lumber, brushes, paints, oil, etc.) for carpenters' and painters' bee, organized by Mr. Jas. Paton, and at which a large number of important repairs to buildings were made, we are much indebted to the following:—Backham and Scott; Canada Paint Co.; A. M. Craig; Thos. Forde; G. A. Grier; Henderson and Potts; Jones and Henry; G. S. Kimber; McArthur and Co.; McArthur, Cornelle and Co.; McLaurin, Bros.; D. H. McLennan; Meakins and Co.; Montreal Lumber Co.; John Murphy; Paton, Laird and Son; A. Ramsay and Son; W. Rutherford and Sons; Robert Sharp; The Jas. Shearer Co.; Simpson and Peel.

A valuable and useful present by which we expect to provide many an evening's amusement for our household, was a stereopticon and slides from the late Col. W. R. Oswald. For the fitting up of the same with electrical appliances we have to thank Messrs. John Dillon, A. Holden, and Robert Neville.

We are under great obligation for the following papers which have been regularly and gratuitously contributed by their publishers, and on behalf of the patients I desire to express my gratitude:—

- "Canadian Gleaner," Huntingdon.
- "Canadian Mute," Deaf and Dumb Institute, Belleville, Ont.
- "Canadian Painter and Decorator," Montreal.
- "Compton County Chronicle," Cookshire.
- "Daily Record," Sherbrooke.
- "Equity," Shawville.
- "Examiner," Sherbrooke.
- "Gazette," Montreal (4 copies).
- "Gazette," Sherbrooke.

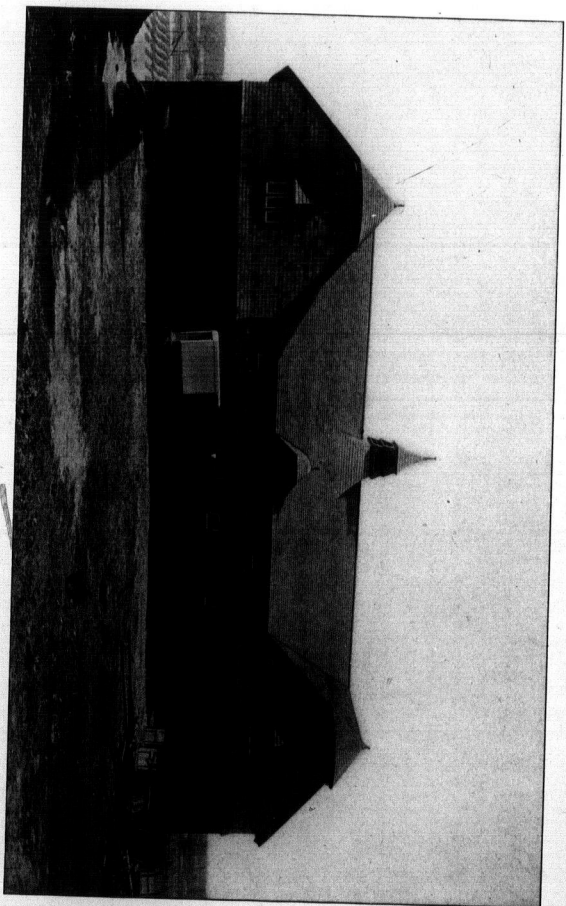
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"Herald," Montreal (3 copies).

"Leader," Granby.

"Mail," Granby.

"Monetary Times," Toronto, Ont.

"Pharmaceutical Journal," Montreal.

"Philanthropic Index and Review," Kalamazoo, Mich., U.S.

"Pontiac Advance," Quyon.

"Star," Montreal (12 copies).

"Sunday Sun," Montreal (12 copies).

"Witness," Montreal (24 copies).

There are many other newspapers throughout the Province, the proprietors of which we would gladly see follow the example thus generously set.

OFFICERS AND EMPLOYEES.

The past year has been marked by several changes in the staff of the hospital. On April 1st, Mrs. Orr, after seven years of faithful and most efficient service as Chief Attendant and Matron, resigned to again take upon herself the still higher duties of wifehood. Conscientious in the discharge of her duties, and untiring in her zeal for the interests of the institution and its inmates, she takes with her our best wishes for prosperity and happiness in her new sphere of life. The position of matron was filled by the appointment of Miss C. E. Shaw.

On June 1st, Mr. Halsey, our carpenter, who had been connected with the establishment from its opening, left us to take employment elsewhere, and was succeeded by Mr. John Nutt. A more capable workman or better-liked official than Mr. Halsey it would be difficult to find, and his departure was regretted by all with whom he had been associated. On the same date our engineer, Mr. Armstrong, resigned on account of ill-health. He, too, had occupied his position from the opening of the institution, and his loss was severely felt. No man could have worked harder or more faithfully than Mr. Armstrong, whose ability as an engineer, thorough knowledge of all the machinery connected with the hospital, and fertility of resource, left nothing to be desired. His successor, Mr. Thompson, gives promise of making a capable official.

The successful management of such an institution as this can only be accomplished by the united and earnest efforts of all connected with it, and whatever meed of praise is due for the work of the past year belongs to the assistant superintendent, subordinate officers, and employees as much as myself. All, as a rule, have performed their trying duties with fidelity, and I take this opportunity of thanking them for their efficient co-operation. Dr. Anglin especially has labored without ceasing to promote the health and comfort of the

patients, and to advance the interests of the hospital. To his able assistance, unswerving loyalty, and untiring zeal I am beyond measure indebted.

CONCLUSION.

The completion of ten years' service with the institution has only made me appreciate more and more highly the continued kindness of the officers and members of the Board of Management. I have once more to thank them for the firm support, wise counsel and friendly aid they have at all times extended to me, as well as for the profit and pleasure of again attending the meeting of the American Medico-Psychological Association, the annual assembly of which, held at New York in May last, was an unqualified success.

May the same Divine Being who has heretofore supported us still guide us and guard the interests of the institution in all its departments.

T. J. W. BURGESS, M.B.

Medical Superintendent.

Verdun, January 1st, 1900.

PATHOLOGIST'S REPORT.

The work in the Pathological Department for the past year has been largely of a routine nature—the examination of secretions and specimens, and the regular autopsies—all of which is of value in its bearing upon diagnosis and treatment. This is, indeed, the place a laboratory, in the first instance, should occupy, in subjection to the main business of a hospital, the care and cure of the patients.

A large part of the effort has been expended in completing the equipment, in perfecting details, and in remedying the mistakes which are always made in the beginning. For example, the problem of regulating the electric heating of incubators remains unsolved, since no thermostat has yet been devised which will work on an alternating current, though the heating devices are adapted equally to both the straight and alternating currents.

The laboratory is now readily accessible on account of the completion of the street railway system. There is a good and regular service three times every hour, which is of great advantage.

An attempt has been made to trace the past records of all cases, especially of those which have passed through general hospitals. In this way the history of many pathologic conditions has been followed for years, and the issue referred back to the physicians who have had the case in hand from the outset. This information is always interesting and sometimes of value. In one case a definite and continuous history was obtained for eleven years. The actual condition present at death is of little value compared with a knowledge of its development since its first inception. Many of the changes in the nervous system are notoriously slow, and without a laboratory the final results in an institution are frequently buried out of sight. The value of the work is not alone to the institution in which it is done, it also yields information to all the hospitals through which the cases have passed.

Last year the chief impression from the autopsies was the large responsibility of syphilis for the general paretic conditions observed. This year it has been the prevalence of tuberculosis as a cause of death. There is ample justification for the effort to separate consumptive patients, and this should be borne in mind in the future extension of the buildings and equipment.

One or two cases are appended in illustration of the work done:—

1st.—E. S., aet. 35; married nine years, mother of three children. Admitted to Verdun Hospital for the Insane, 15th October, 1899, on certificate, stating as follows:—"This, her first attack, began two weeks after the birth of her child, August 16th, 1899, in headache, drowsiness, and stupidity. Has loss of memory, more or less incomplete, and delusions regarding the presence of various people in the house and with reference to her past history, has hallucinations, chiefly aural, is filthy in habits, eats excessively and sleeps a great deal. No heredity."

The history of the case was to the effect that all through her pregnancy she complained of headache over the top of her head with pains shooting into the temples, but was able to do her housework as usual. Got up a week and a half after confinement, seemingly all right except for a feeling of weakness and pain in the head, which soon got worse. She also got drowsy, and could go to sleep at any and all times. On September 22nd her husband found her asleep in bed and could not rouse her. She was removed to the Royal Victoria Hospital the following day in an ambulance, she being still asleep. On October 1st, the hospital authorities advised her removal. She was awake, but seemed weak and dazed. On October 16th, she suddenly developed a marked convergent strabismus, and the day before admission had a series of convulsive attacks.

On arrival at Verdun, she was sent to the infirmary, into which she had to be carried. She was unable to sit up, becoming faint when it was attempted, and seemed drowsy, keeping lids half-closed even when speaking. Answered questions slowly but sensibly, and the first impression made was that the disease was more bodily than mental. October 17th: Sleeps much of the time, and takes a fair supply of nourishment, chiefly milk; wets her bed; has visual hallucinations, fancying she sees ships, etc., passing on the walls.

Diagnosis: Tumor in anterior part of brain.

Continued in much the same condition, with average temperature of 98.6, up to October 27th, when she had a well-marked rigor, after which temperature sprang up to 99.6, with pulse of 120. Seemed none the worse the next day, however, and kept about the same, taking a fair supply of nourishment up to November 16th. During the night of that date, she was restless and complained much of pain in the head, and about 7 a.m. nurse reported that she was asleep, snoring, and could not be roused. She was found to be in a comatose condition, and died about an hour later at 8 a.m., on November 16th.

The autopsy was made at 10 a.m. the same morning. On removal of the skull-cap a fluctuating cyst was found occupying the anterior lobe of the brain on the right side. From this 75 c.c. of fluid was re-

moved by puncture, leaving a gaping cavity. The fluid was of an amber color, of a specific gravity of 1028, rich in albumen, with microscopic crystals of hemoglobin, granular and angular, and a spectrum of methemoglobin, the blue dimmed, the green obscured. At the inner side of this cavity was a tumor, indefinite in shape, measuring about an inch and a half in diameter, of hard consistency, and pushing the brain substance in front of it across the middle line. The tumor proved to be a glioma. It is worthy of remark that this large cyst and tumor were present for a long time, probably many years, and yet produced no serious symptoms until about two months before death.

2nd.—N. J., female, aet. 20. Had a hemorrhage with coughing, and died within half an hour of its onset, 26th September, 1899. The nose and throat were filled with blood. On opening the chest cavity, the pleurae were adherent, the bronchi stained with blood, and the lungs studded with tubercles of very recent growth. The stomach contained six ounces of clotted blood. An inch from the pylorus, on the lesser curvature, was a pedunculated tumor, half an inch in diameter, eroded on the surface, and having communication by three branches with the vessels of the stomach. This was evidently the source of the fatal hemorrhage. The tumor proved to be an adenoma, and cultures of the surface yielded diplococci and streptococci. The case suggests that even in phthisis a hemorrhage is not necessarily from the lungs.

ANDREW MACPHAIL, M.D.

Pathologist.

TABLE NO. 2.
GENERAL STATEMENT OF THE OPERATIONS OF THE HOSPITAL FROM ITS OPENING, JULY 15TH, 1890,
TO DATE, DECEMBER 31ST, 1899.

YEAR.	ADMITTED.						DISCHARGED.												DIED, ESCAPED.										
	Cases.		Persons.		Treated.		Recovered.		Improved.		Unimproved.		Total.																
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.													
1890....	88	51	88	51	88	51	3	1	3	1	0	1	0	0	0	3	2	3	2	5	5	0	0						
1891....	86	51	166	94	82	50	159	93	31	15	27	15	15	7	14	7	2	2	2	2	2	48	24	43	24	12	6	2	0
1892....	51	50	155	114	48	48	150	107	22	26	22	25	5	10	5	9	7	1	6	1	34	37	32	35	6	4	0	1	
1893....	45	58	160	130	45	55	158	127	14	34	14	34	8	9	8	9	4	2	4	2	26	45	26	44	17	8	0	0	
1894....	68	76	185	153	68	79	183	146	30	29	30	28	2	4	2	4	2	2	2	2	34	35	34	33	13	5	0	0	
1895....	82	62	220	175	79	61	214	170	30	24	30	24	7	5	7	5	8	8	8	8	45	37	44	37	26	7	0	0	
1896....	63	61	212	192	58	59	203	185	26	24	25	23	11	13	11	13	16	5	16	5	53	42	52	40	16	10	0	0	
1897....	67	63	210	203	63	60	202	197	18	23	17	23	6	14	6	14	8	7	8	7	32	44	30	43	16	18	1	0	
1898....	50	51	220	192	59	51	217	190	28	20	27	20	4	4	4	4	5	3	5	3	37	27	36	27	16	7	1	0	
1899....	82	65	248	223	79	61	241	216	28	21	28	21	15	11	15	11	1	4	1	4	44	36	44	36	14	19	0	0	
Total....	691	588	230	217	73	78	53	34	356	329	141	89	4	1															

TABLE No. 3.
MONTHLY ADMISSIONS, DISCHARGES AND DEATHS
DURING 1899.

MONTHS.	ADMISSIONS.			DISCHARGES.			DEATHS.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
January	3	4	7	1	3	4	1	0	1
February	10	7	17	1	0	1	1	0	1
March	8	10	18	6	1	7	2	1	3
April	7	3	10	2	2	4	2	1	3
May	7	5	12	4	4	8	2	2	4
June	8	4	12	2	5	7	2	0	2
July	7	8	15	7	2	9	2	3	5
August	9	6	15	5	3	8	0	3	3
September	4	3	7	2	4	6	1	3	4
October	9	8	17	5	3	8	1	1	2
November	6	3	9	3	2	5	0	2	2
December	4	4	8	6	7	13	0	3	3
Total of Cases	82	65	147	44	36	80	14	19	33

TABLE No. 4.
CIVIL STATE OF THOSE ADMITTED.

CIVIL STATE.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
Single	46	27	73	383	278	661
Married	31	29	60	266	239	505
Widowed	5	9	14	42	71	113
Total	82	65	147	691	588	1279

TABLE No. 5.
RELIGION OF THOSE ADMITTED.

RELIGION.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
Baptist	3	3	6	23	22	45
Congregationalist	1	2	3	18	15	33
Episcopalian	35	32	67	227	205	432
Jewish	1	3	4	15	29	44
Lutheran	2	0	2	5	4	9
Methodist	13	11	24	84	86	170
Plymouth Brethren	0	0	0	3	2	5
Presbyterian	20	11	31	161	137	298
Protestant	3	0	3	109	63	172
Roman Catholic	2	2	4	28	16	44
Salvation Army	0	0	0	0	1	1
Unitarian	2	1	3	13	4	17
Unknown	0	0	0	5	4	9
Total	82	65	147	691	588	1279

TABLE No. 6.
NATIONALITY OF THOSE ADMITTED.

NATIONALITY.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
Austria.....	0	0	0	2	1	3
Canada.....	47	42	89	415	322	737
England.....	13	14	27	131	101	232
France.....	1	0	1	5	1	6
Germany.....	3	0	3	8	6	14
Holland.....	0	0	0	1	1	2
Ireland.....	7	4	11	37	68	105
Newfoundland.....	0	0	0	3	6	9
Norway.....	0	0	0	1	0	1
Poland.....	1	1	2	4	3	7
Roumania.....	0	0	0	2	2	4
Russia.....	0	1	1	2	11	13
Scotland.....	7	2	9	48	34	82
Sweden.....	0	0	0	1	1	2
United States.....	3	1	4	25	25	50
Wales.....	0	0	0	1	1	2
West Indies.....	0	0	0	1	0	1
Unknown.....	0	0	0	4	5	9
Total.....	82	65	147	691	588	1279

TABLE No. 7.
EDUCATION OF THOSE ADMITTED.

EDUCATION.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
Superior.....	14	10	24	148	101	249
Common School.....	59	51	110	438	394	832
Can read only.....	2	0	2	32	33	65
Cannot read or write.....	7	4	11	72	59	131
Unknown.....	0	0	0	1	1	2
Total.....	82	65	147	691	588	1279

TABLE No. 8.
SHOWING THE COUNTIES, ETC., FROM WHICH PATIENTS HAVE
BEEN ADMITTED.

COUNTIES, ETC.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
	1	2	3	20	9	29
Argenteuil	0	0	0	0	1	1
Bagot	0	0	0	0	5	5
Beauharnois	0	0	0	2	0	2
Berthier	2	1	3	14	7	21
Brome	2	1	3	10	11	21
Chambly	0	0	0	3	3	6
Chateauguay	2	0	2	10	7	17
Chicoutimi	0	0	0	1	0	1
Compton	3	0	3	21	13	34
Dorchester	1	0	1	2	0	2
Drummond	1	0	1	5	5	10
Gaspé	1	0	1	2	3	5
Hochelega, including Montreal.....	45	38	83	378	347	725
Huntingdon	2	4	6	12	17	29
Iberville	1	0	1	2	1	3
Jacques Cartier	1	2	3	3	6	9
Joliette	0	0	0	3	0	3
Laprairie	0	0	0	2	0	2
L'Assomption	0	0	0	1	1	2
Megantic	2	0	2	7	4	11
Missisquoi	3	1	4	28	9	37
Montcalm	0	0	0	0	2	2
Ottawa	2	1	3	19	14	33
Pontiac	0	1	1	11	7	18
Quebec	1	2	3	19	15	34
Richmond	0	2	2	12	11	23
Rimouski	0	0	0	1	3	4
Rouville	2	0	2	5	5	10
St. Johns	0	0	0	2	2	4
St. Maurice	0	0	0	0	1	1
Shefford	4	3	7	12	11	23
Sherbrooke	0	0	0	9	8	17
Soulanges	0	0	0	1	2	3
Stanstead	1	3	4	17	12	29
Temiscouata	0	0	0	0	2	2
Terrebonne	0	0	0	1	6	7
Two Mountains	0	0	0	1	0	1
Vaudreuil	0	1	1	1	2	3
Wolfe	0	0	0	1	3	4
British Columbia	0	2	2	0	2	2
Newfoundland	0	0	0	1	1	2
Nova Scotia	1	0	1	2	2	4
Ontario	3	1	4	38	21	59
Prince Edward Island	1	0	1	1	2	3
United States	0	0	0	6	3	9
Other countries	0	0	0	4	1	5
Not stated	0	0	0	1	1	2
Total	82	65	147	691	588	1279

TABLE NO. 9.
 SHOWING OCCUPATIONS OF THOSE ADMITTED.

OCCUPATION.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
Agent.....	0	0	0	10	1	11
Artist.....	0	0	0	2	0	2
Blacksmith.....	0	0	0	3	0	3
Barrister, lawyer, etc.....	1	0	1	2	0	2
Book-keeper, accountant, etc.....	4	0	4	23	2	25
Brewer, distiller, etc.....	0	0	0	4	0	4
Business-man, broker, m'f'r, etc.....	1	0	1	15	0	15
Carpenter, cabinet-maker, etc.....	2	0	2	18	0	18
Clergyman.....	0	0	0	6	0	6
Clerk.....	13	1	14	82	7	89
Commercial traveller.....	1	0	1	13	0	13
Confectioner.....	0	0	0	3	1	4
Contractor.....	0	0	0	1	0	1
Cook.....	0	0	0	0	2	2
Daughter of business-man.....	0	0	0	0	17	17
" " farmer.....	0	9	9	0	33	33
" " laborer.....	0	0	0	0	7	7
" " mechanic.....	0	1	1	0	4	4
" " professional-man.....	0	1	1	0	2	2
Dentist.....	1	0	1	3	0	3
Engraver.....	1	C	1	5	0	5
Engineer.....	0	0	0	9	0	9
Farmer.....	20	0	20	124	6	130
Gardener.....	0	0	0	1	0	1
Governess.....	0	0	0	0	1	1
Hotel-keeper.....	0	0	0	7	0	7
House-keeper.....	0	2	2	0	20	20
Laborer.....	7	1	8	97	4	101
Mechanic.....	6	0	6	87	1	88
Merchant.....	8	0	8	51	1	52
Music-teacher.....	0	0	0	4	10	14
Nurse.....	1	2	3	1	7	8
Painter.....	1	0	1	5	0	5
Physician.....	1	0	1	5	0	5
Printer.....	1	0	1	9	2	11
Reporter, newspaper-man, etc.....	1	0	1	8	0	8
School teacher.....	1	2	3	7	18	25
Sailor.....	2	0	2	3	0	3
Seamstress.....	0	3	3	0	16	16
Servant.....	0	5	5	1	86	87
Shoemaker.....	0	0	0	2	0	2
Soldier.....	1	0	1	6	0	6
Stenographer, etc.....	1	0	1	4	4	8
Steward, waiter, etc.....	1	0	1	3	0	3
Stock-raiser, cattle-man, etc.....	0	0	0	1	0	1
Student.....	0	0	0	13	1	14
Tailor.....	0	0	0	3	0	3
Widow of business-man.....	0	2	2	0	13	13
" " farmer.....	0	0	0	0	5	5
" " laborer.....	0	1	1	0	2	2
" " mechanic.....	0	2	2	0	3	3
" " professional-man.....	0	1	1	0	4	4
Wife of business-man.....	0	12	12	0	59	59
" " farmer.....	0	3	3	0	41	41
" " laborer.....	0	3	3	0	41	41
" " mechanic.....	0	9	9	0	77	77
" " professional man.....	0	1	1	0	12	12
No occupation.....	6	4	10	48	70	118
Unascertained.....	0	0	0	2	8	10
Total.....	82	65	147	691	588	1279

TABLE 10.
SHOWING AGES ON ADMISSION.

AGE.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
Under 15 years	2	0	2	5	5	10
From 15 to 20 years.....	6	5	11	59	22	81
" 20 to 25 "	7	4	11	71	61	132
" 25 to 30 "	10	7	17	92	80	172
" 30 to 35 "	7	7	14	73	81	154
" 35 to 40 "	9	10	19	77	75	152
" 40 to 45 "	13	8	21	74	54	128
" 45 to 50 "	4	6	10	67	51	118.
" 50 to 60 "	7	11	18	78	79	157
" 60 to 70 "	7	4	11	51	52	103
" 70 to 80 "	8	1	9	33	21	54
80 years and over.....	2	2	4	10	6	16
Unknown.....	0	0	0	1	1	2
Total.....	82	65	147	691	588	1279

TABLE No. 11.
SHOWING NUMBER OF ATTACK ON ADMISSION.

NUMBER OF ATTACK	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
First attack.....	50	46	96	433	332	765
Second "	11	10	21	85	92	177
Third "	6	4	10	37	44	81
Fourth "	2	1	3	15	14	29
Fifth "	4	2	6	21	20	41
Sixth "	0	0	0	2	1	3
Seventh "	1	0	1	2	2	4
Congenital.....	5	1	6	41	29	70
Unascertained.....	3	1	4	55	54	109
Total.....	82	65	147	691	588	1279

TABLE No. 12.
SHOWING ALLEGED DURATION OF INSANITY PRIOR TO
ADMISSION.

DURATION.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
Under 1 week.....	1	6	7	32	39	71
" 1 month.....	12	11	23	108	102	210
From 1 to 3 months.....	18	11	29	102	80	182
" 3 to 6 ".....	9	7	16	60	46	106
" 6 to 9 ".....	7	2	9	45	30	75
" 9 to 12 ".....	4	2	6	23	18	41
" 1 to 2 years.....	7	4	11	50	49	99
" 2 to 3 ".....	7	9	16	47	44	91
" 3 to 5 ".....	3	5	8	57	45	102
" 5 to 10 ".....	3	2	5	40	29	69
" 10 to 15 ".....	2	0	2	22	24	46
" 15 to 20 ".....	0	2	2	10	14	24
" 20 to 30 ".....	1	2	3	19	17	36
" 30 to 40 " and over.....	1	0	1	8	2	10
Congenital.....	5	1	6	40	29	69
Unknown.....	2	1	3	28	20	48
Total.....	82	65	147	691	588	1279

TABLE No. 13.
SHOWING STATISTICS OF HEREDITY IN THOSE ADMITTED.

HEREDITY.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal branch.....	10	11	21	71	57	128
Maternal branch.....	11	6	17	75	51	126
Paternal and maternal branches.....	1	0	1	21	19	40
Insane relations—history unknown.....	18	17	35	127	107	234
Unascertained.....	16	13	29	191	127	318
Said not to be hereditary.....	26	18	44	206	227	433
Total.....	82	65	147	691	588	1279

TABLE NO. 14.
SHOWING ALLEGED PROBABLE EXCITING CAUSE OF INSANITY
IN THOSE ADMITTED.

CAUSATION.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
Abuse of opiates	1	0	1	8	5	13
Abuse of tobacco.....	1	0	1	2	0	2
Brain tumor.....	0	1	1	1	3	4
Cerebral hemorrhage.....	0	0	0	4	4	8
Change of life.....	0	3	3	0	22	22
Disappointed affection.....	0	0	0	7	13	20
Domestic trouble, grief, &c.....	0	6	6	17	52	69
Epilepsy.....	3	1	4	23	15	38
Excessive study.....	0	0	0	7	7	14
Fever.....	0	0	0	5	4	9
Fright.....	1	0	1	3	11	14
General ill-health.....	10	8	18	35	36	71
Heredity.....	7	2	9	31	26	57
Injury to head.....	3	1	4	33	9	42
Insomnia.....	1	1	2	5	3	8
Intemperance in drink.....	5	2	7	76	13	89
Isolated life.....	0	0	0	0	2	2
La Grippe.....	0	0	0	11	9	20
Masturbation.....	2	0	2	35	2	37
Meningitis.....	1	0	1	2	2	4
Menstrual irregularity.....	0	0	0	0	9	9
Mental anxiety, worry, overwork.....	5	4	9	46	42	88
Monotonous employment.....	0	0	0	2	1	3
Ovarian irritation.....	0	1	1	0	7	7
Pecuniary difficulty, business anxiety.....	5	4	9	38	9	47
Puerperal.....	0	9	9	0	52	52
Religious excitement.....	1	2	3	14	13	27
Senility.....	7	4	11	30	16	46
Stroke.....	2	0	2	15	2	17
Syphilis.....	3	1	4	27	3	30
Uterine disorders.....	0	1	1	0	3	3
Vicious indulgences.....	0	1	1	10	3	13
Congenital.....	6	2	8	40	31	71
Unascertained.....	18	11	29	164	159	323
—.....	—	—	—	—	—	—
Total.....	82	65	147	691	588	1279

TABLE NO. 15.
STATE OF BODILY HEALTH WHEN RECEIVED OF THOSE
ADMITTED.

STATE OF HEALTH.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
In average health and condition.....	23	23	46	231	202	433
In indifferent health and reduced condition.....	45	30	75	346	291	637
In bad health and exhausted condition.....	14	12	26	114	95	209
—.....	—	—	—	—	—	—
Total.....	82	65	147	691	588	1279

TABLE No. 16.
SHOWING THE DURATION OF INSANITY PRIOR TO ADMISSION
OF THOSE REMAINING IN THE HOSPITAL,
DECEMBER 31st, 1899.

DURATION OF INSANITY.	Male. Female. Total.		
Less than 1 year	55	44	99
More " 1 "	15	18	33
" " 2 years	8	16	24
" " 3 "	15	17	32
" " 5 "	19	16	35
" " 10 "	32	25	57
Congenital	23	11	34
Unknown	22	18	40
Total	189	165	354

TABLE No. 17.
SHOWING THE DURATION OF INSANITY PRIOR TO ADMISSION
IN THOSE DISCHARGED RECOVERED.

DURATION OF INSANITY.	DURING THE YEAR.			SINCE OPENING OF HOSPITAL.		
	Male.	Female.	Total.	Male.	Female.	Total.
Less than 1 month	8	7	15	96	102	198
" " 2 months	7	4	11	40	27	67
" " 3 "	4	1	5	22	18	40
" " 6 "	4	2	6	18	18	36
" " 9 "	1	1	2	6	10	16
" " 1 year	3	1	4	13	11	24
Over 1 year	1	5	6	31	25	56
Unknown	0	0	0	4	6	10
Total	28	21	49	230	217	447

TABLE No. 18.
PERIOD OF RESIDENCE AND MENTAL CONDITION OF
THOSE DISCHARGED.

PERIOD OF RESIDENCE.	MENTAL CONDITION.													
	DURING THE YEAR.						SINCE OPENING OF HOSPITAL.							
	Recovered.		Improved.		Unimproved.		Total.	Recovered.		Improved.		Unimproved.		Total.
	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	
Under 1 month	2	1	3	0	0	0	6	25	17	11	9	12	4	78
From 1 to 2 months	0	0	5	3	0	1	9	30	13	9	15	8	6	81
" 2 to 3 "	5	4	0	2	0	1	12	36	30	5	10	2	2	85
" 3 to 6 "	11	9	5	0	0	1	26	78	79	16	16	11	1	201
" 6 to 9 "	2	2	0	1	0	1	6	24	36	8	10	3	7	88
" 9 to 12 "	4	1	1	0	0	0	6	18	14	11	5	1	3	52
" 1 to 2 years.	2	2	0	3	0	0	7	10	17	7	9	6	7	56
" 2 to 3 "	1	1	0	1	0	0	3	5	7	2	1	5	3	23
" 3 to 5 "	1	0	1	1	0	0	3	4	3	4	3	2	1	17
" 5 to 10 "	0	1	0	0	1	0	2	0	1	0	0	3	0	4
Total.	28	21	15	11	1	4	80	230	217	73	78	53	34	685

TABLE No. 19.
SHOWING AGE, LENGTH OF RESIDENCE AND PROXIMATE CAUSE
OF DEATH OF THOSE WHO DIED DURING THE YEAR.

No.	Sex.	Age.	TIME IN HOSPITAL.			CAUSE OF DEATH.
			Years.	Months.	Days.	
1	M.	37	1	11	29	General paresis.
2	M.	73	0	5	1	Senile debility.
3	F.	45	4	9	0	Phthisis.
4	M.	43	4	8	14	General paresis.
5	M.	86	1	11	6	Senile debility.
6	M.	69	1	3	0	Interstitial nephritis.
7	M.	78	0	0	13	Exhaustion of melancholia.
8	F.	58	5	0	26	Phthisis.
9	F.	49	0	11	27	Exhaustion of acute mania.
10	F.	65	0	6	4	Cerebral hemorrhage.
11	M.	56	1	5	12	Interstitial nephritis.
12	M.	65	7	1	2	Marasmus.
13	M.	39	0	8	28	Phthisis.
14	M.	75	5	6	6	Exhaustion of epilepsy.
15	F.	40	4	0	14	Chronic parenchymatous nephritis.
16	M.	69	4	5	17	Cerebral thrombosis.
17	F.	40	0	8	30	Phthisis.
18	M.	43	0	1	27	Locomotor ataxia.
19	F.	41	2	0	30	Phthisis.
20	F.	50	4	2	0	Phthisis.
21	F.	55	0	1	26	Spastic paraplegia.
22	F.	30	4	2	13	Phthisis.
23	F.	46	1	8	25	Pneumonia.
24	F.	62	1	8	1	Chronic diarrhoea.
25	F.	20	0	5	8	Hemorrhage from gastric tumor (adenoma.)
26	M.	70	9	0	24	Renal cyst.
27	F.	16	3	4	23	Phthisis.
28	M.	32	2	2	0	General paresis.
29	F.	53	0	7	7	Multiple neuritis (alcoholic.)
30	F.	35	0	1	1	Cerebral tumor.
31	F.	76	0	4	18	Senile debility.
32	F.	42	0	9	6	Phthisis.
33	F.	88	7	2	22	Senile debility.

TABLE No. 20.
FORM OF MENTAL DISORDER ON ADMISSION, IN ADMISSIONS, DISCHARGES AND DEATHS, WITH CONDITION ON DISCHARGE.

FORM OF MENTAL DISORDER.	DURING THE YEAR.												SINCE OPENING OF HOSPITAL.																							
	Cases Admitted.						Recovered.						Improved.						Unimproved.						Deaths.											
	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.	M.	F.	T.						
Congenital mental deficiency.....	6	2	8	0	0	0	0	0	0	0	0	0	0	0	0	3	4	31	72	0	0	0	0	1	5	6	8	4	12	9	8	17				
Mania, acute.....	7	9	16	9	2	11	3	0	3	0	3	0	0	0	0	100	102	202	77	71	148	9	11	20	4	2	6	9	8	17						
" chronic.....	6	7	13	0	4	4	1	5	6	0	0	0	0	0	0	3	109	99	208	10	20	30	21	22	43	8	6	14	11	22						
" recurrent.....	14	5	19	8	1	9	0	0	0	0	0	0	0	0	0	0	0	0	53	55	108	35	43	78	1	3	4	1	2	3	2	5				
Melancholia, acute.....	14	14	28	4	6	10	4	2	6	0	3	3	2	1	3	66	67	133	30	32	62	8	13	21	5	6	11	15	6	21						
" chronic.....	3	5	8	0	0	1	0	1	0	0	0	0	0	1	2	38	35	73	7	7	12	6	8	14	7	4	11	7	4	11						45
" recurrent.....	2	8	2	3	5	2	1	3	0	0	0	0	0	0	1	24	19	43	11	9	20	4	4	8	0	1	1	1	3	4						
Dementia, acute.....	3	1	4	2	0	2	1	0	1	0	0	0	0	0	0	6	12	9	21	5	4	9	1	2	3	0	0	0	1	0						
" chronic.....	6	3	9	0	0	0	0	0	0	0	0	0	0	1	0	2	4	64	68	132	0	0	4	8	0	0	0	0	1	0						
" senile.....	6	3	9	0	0	0	0	0	0	0	0	0	0	0	0	3	3	37	25	62	0	0	4	0	4	1	5	4	24	18						
General paresis.....	2	2	4	0	0	0	0	0	0	0	0	0	0	1	1	3	0	3	55	4	60	0	0	8	0	0	0	0	0	0						
Paralytic insanity.....	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	2	5	7	0	0	0	0	0	0	0	0	0	0	0	0						
Epileptic.....	3	1	4	0	1	1	2	0	2	0	0	0	0	2	0	24	20	44	5	3	8	4	0	4	2	1	3	9	6	15						
Puerperal.....	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	32	32	0	22	22	0	2	2	0	1	1	0	2	2						
Organic brain disease.....	1	2	3	0	0	0	0	0	0	0	0	0	0	1	2	3	3	6	0	0	0	0	0	0	0	0	0	0	0	0						
Toxic insanity.....	4	3	7	2	0	2	0	1	1	0	0	0	0	2	2	55	13	68	50	6	56	1	3	4	0	0	0	0	1	2						
Traumatic insanity.....	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	8	2	0	2	1	0	1	0	1	0	1						
Total of cases.....	82	65	147	28	21	49	15	11	26	1	4	5	14	19	33	691	588	1279	230	217	447	73	78	151	53	34	87	141	89	230						
Total of persons...	79	61	140	28	21	49	15	11	26	1	4	5	14	19	33	690	492	1082	171	163	334	51	48	99	33	23	56	141	89	230						

TABLE NO. 21.

SHOWING ARTICLES MADE AND REPAIRED ON WARDS.

MALE WARDS.

ARTICLES.	Made.	Repaired.
Boots and shoes, pairs, men's . . . . .	...	100
Boots and shoes, pairs, women's . . . . .	...	51
Boots for horses	4	...
Clocks . . . . .	...	18
Couches	18	...
Harness, sets . . . . .	...	6
Mattresses	103	...
Pillows	97	...
Sleigh-robcs . . . . .	...	2
Stools	11	...
Total	233	177

FEMALE WARDS.

ARTICLES.	Made.	Repaired.
Aprons	236	1893
Aprons, uniform for nurses	150	172
Bibs	90	...
Blankets . . . . .	...	170
Blinds	43	16
Blouses	18	154
Candy-bags	400	...
Carpets . . . . .	...	12
Cases for hair mattresses	50	45
Cases for straw mattresses	24	10
Chemises	21	1164
Coats . . . . .	...	378
Coats, uniform for attendants . . . . .	...	7
Comforters . . . . .	...	20
Corsets . . . . .	...	45
Couch-covers	10	8
Counterpanes	14	123
Curtains, pairs	51	65
Cushions, chair and sofa	21	16
Drawers, men's . . . . .	...	298
Drawers, women's	40	961
Dresses	91	1259
Dresses, night	14	962
Dresses, uniform for nurses	43	92
Dressing-jackets	2	6
Fancy baskets	8	...

TABLE No. 21.—Continued.

FEMALE WARDS.

ARTICLES.	Made.	Repaired.
Footstools	7	4
Hats, trimmed	20	32
Hoods . . . . .	...	35
Jackets . . . . .	...	50
Lace, yards	154	156
Mantel and bracket drapes	11	6
Mats, floor	25	14
Mats, table	16	...
Mittens, pairs	13	52
Overalls . . . . .	...	12
Petticoats	24	761
Picture-frames	6	...
Pillow-cases	574	...
Pillow-shams	24	192
Pillow-ticks	27	...
Pillows, hair	10	20
Quilts	12	...
Sheets	235	343
Shirts . . . . .	...	659
Shirts, guernsey, for men . . . . .	...	277
Shirts, guernsey, for women . . . . .	...	356
Shirts, night . . . . .	...	83
Slippers, pairs, knitted	24	...
Slip-waists	32	80
Socks, pairs	26	1254
Splashers	45	...
Stockings, pairs	66	2073
Tablecloths, dining	24	161
Tablecloths, fancy	18	6
Table napkins	60	...
Tassels and cords for blinds	32	...
Tea-cosies	1	...
Toilet-covers	24	32
Towels, chamber	6	...
Towels, kitchen	62	...
Towels, roller	93	31
Tray-cloths	32	...
Trousers . . . . .	...	500
Vests . . . . .	...	140
Whisk-holders	5	...
Wrappers	12	...
Total	3046	15295

TABLE No. 22.

SHOWING QUANTITY OF PICKLES, PRESERVES, ETC.,
PUT UP IN THE KITCHEN.

ARTICLES.	Amount.
Canned fruit and preserves.	1391 quarts.
Chili Sauce	300 "
Tomato Chutney.	40 "
Total	1731 "

STATEMENT OF ASSETS AND LIABILITIES.
DECEMBER 31st, 1899.

ASSETS	LIABILITIES.
Grounds, buildings, pavilion, etc.....	Bonds
Furnishings, farm stock, fuel, vehicles, im- plements, etc.....	Interest coupons due 1st January, 1900.....
Provincial Government, due by.....	Sundry creditors.....
Private patients, board due.....	Cottage Fund.....
Endowments, represented by—	Cash overdraft.....
Molson's Bank stock.....	Capital account.....
Merchants' Bank of Canada.....	
Montreal Gas Co.....	
Montreal Telegraph Co.....	
Canada Savings and Loan Co....	
Bell Telephone Co.....	
\$342,831 08	\$185,000 00
32,197 74	4,162 50
13,324 42	9,066 73
385 80	100 00
131 shares.	15,869 64
52 "	\$208,135 08
86 "	
80 "	
3 "	
16 "	
33,635 91	
<u>\$422,374 95</u>	<u>\$422,374 95</u>

Audited and certified correct.
Montreal, 26th January, 1900.

P. S. ROSS & SONS, Chartered Accountants.

CURRENT ACCOUNT, DECEMBER 31st, 1899.

Maintenance Account.			
General supplies.....	\$26,868 39	Board from Provincial Government.....	\$36,581 91
Salaries and Wages.....	22,515 23	Board for private patients.....	21,877 75
Fuel	7,650 19	Interest on bonds repaid by Government.....	8,325 00
Repairs	1,894 12	Subscriptions	3,650 04
General expenses, office rent, printing, petty cash, etc.....	2,105 99	Revenue from endowments.....	1,639 25
Insurance	843 04	Farm produce sold and consumed.....	2,868 53
Furnishings	2,149 92	Fines on attendants.....	5 00
Farm implements.....	127 01		
Interest on bonds @ 4½ per cent.....	\$64,153 89		
Interest on bank account.....	8,325 00		
Capital account (surplus).....	613 98		
	1,854 61		
	<u>\$74,947 48</u>		

Audited and certified correct.
 Montreal, 26th January, 1899.

P. S. ROSS & SONS, Chartered Accountants.

\$74,947 48