

QUEBEC LUNATIC ASYLUM

PROVINCE OF QUEBEC

REPORT

OF THE

QUEBEC LUNATIC ASYLUM

FOR THE YEAR

1878 - 79

ADDRESSED TO THE HONORABLE THE PROVINCIAL SECRETARY BY
THE MEDICAL SUPERINTENDENTS AND PROPRIETORS.

PRINTED BY ORDER OF THE LEGISLATURE.



LEVIS
MERCIER & CO., PROPRIETORS OF "LE QUOTIDIEN"
1882

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REPORT

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MERCER & CO., PROPRIETORS OF THE QUARTER
LEVIS
1881

MEDICAL
ASSISTANT
WARDEN
MATRON
FIRST
SECOND
FARMER
ENGINEER
CHIEF OF
DOOR KE
INSPECTOR
AND PR
COMMISSION
VISITING P
CHAPLAIN



Quebec Lunatic Asylum

(1879)

QUEBEC LUNATIC ASYLUM

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Quebec Lunatic Asylum

1879

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To the
 Sir,
 We ha
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MEDICAL REPORT
QUEBEC LUNATIC ASYLUM.

To the Honorable

THE PROVINCIAL SECRETARY

of the Province of Quebec.

SIR,

We have the honor to submit the medical report on the Quebec Lunatic Asylum for the year ending 30th June 1880.

Relying on your kindness, we hope that the present report will be at once submitted to Parliament and that we will be allowed, as in the past, a sufficient number of copies to enable us to exchange with foreign institutions which do us the honor of corresponding with us.

We have the honor to be

Sir,

Your obedient servants,

J. E. J. LANDRY, M. D.

F. E. ROY, M. D.

MEDICAL REPORT.

The various statistics which accompany our annual medical report always form the basis of our work.

They are essential to enable one to thoroughly comprehend the condition of the inmates, and indispensable in order to show the results obtained.

The long delay which generally occurs before the authorities cause our report to be printed, compels us to present it in the briefest possible form, for the remarks which are naturally suggested by the various statistics of the year, being no longer applicable, do not offer the same practical interest.

For the proper understanding of this report, we shall submit to the reader the various statistical tables in the order that we have adopted and followed in our previous reports.

We have divided these tables into five groups, under the following titles :

1st part : Movement of the population.

2nd " Admissions.

3rd " Discharges.

4th " Deaths.

5th " Summary.

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FIRST PART.

MOVEMENT OF THE POPULATION.

The tables comprised in the first part of the report not only show the changes which have taken place in the population of the asylum in the course of the year, but also give a general view of the working of the institution since its foundation.

TABLE I.

Movement of the population.

TABLE II.

Synoptical table.

TABLE III.

Duration of residence.

TABLE IV.

Diseases treated during the year.

TABLE V.

Occupation.

TABLE I
MOVEMENT OF THE POPULATION.

	MALES.		FEMALES.		TOTAL.
Remaining in asylum on 1st July 1878.....	475		461		
Admitted during the year (1878-79).....	91		68		
Total.....	566		529		1095
Discharged.....	40		22		
Dead.....	35		33		
Total.....	75		55		130
Remaining on 30th June 1879....	491		474		965

PERCENTAGES:

Population under treatment..... 1095 Discharged 62= 5.66 p. c.
 Population admitted.... 159 — “ 62=38.99 p. c.
 Population remaining 30th June 1879..... 965 “ 62= 6.42 p. c.

Years.
1845
1846
1847
1848
1849
1850
1851
1852
1853
1854
1855
1856
1857
1858
1859
1860
1861
1862
1863
1864
1865
1866
1867
1868
1869
1870
1871
1872
1873
1874
1875
1876
1877
1878
30 June '79
Totals



TABLE II
SYNOPTICAL TABLE.

MOVEMENT OF THE POPULATION FROM 1845
TO 30th JUNE 1879.

Years.	ADMISSIONS.			DEATHS.			DISCHARGES.			REMAINING.			ANNUAL INCREASE.
	M	F	Total.	M	F	Total.	M	F	Total.	M	F	Total.	
	1845	46	49	95	1	3	4	1	1	45	45		90
1846	32	26	58	6	10	16	11	7	18	60	54	114	24
1847	26	24	50	8	10	18	10	13	23	68	55	123	9
1848	36	24	60	12	4	16	9	4	13	83	71	154	31
1849	33	35	68	25	15	40	16	11	27	75	80	155	1
1850	46	23	69	17	8	25	11	16	27	93	79	172	17
1851	18	21	39	21	18	39	9	11	20	81	71	152	
1852	45	39	84	6	10	16	8	2	10	112	98	210	58
1853	35	61	96	20	17	37	22	17	39	105	125	230	20
1854	60	52	112	36	24	60	21	20	41	108	133	241	11
1855	51	65	116	15	13	28	23	14	37	121	171	292	51
1856	64	52	116	27	16	43	20	18	38	138	189	327	35
1857	84	59	143	27	16	43	33	17	50	162	215	377	50
1858	64	44	108	22	26	48	33	22	55	171	211	382	5
1859	52	52	104	17	22	39	21	18	39	185	223	408	26
1860	54	52	106	26	24	50	17	21	38	196	230	426	18
1861	32	22	54	18	10	28	15	10	25	195	232	427	1
1862	37	22	59	14	12	26	13	12	25	205	230	435	8
1863	55	84	139	24	18	42	14	16	30	222	280	502	67
1864	71	84	155	25	24	49	32	20	52	236	320	556	54
1865	60	42	102	14	39	53	28	20	48	254	303	557	1
1866	81	72	153	19	33	52	31	24	55	285	318	603	46
1867	59	69	128	36	30	66	30	19	49	278	338	616	13
1868	88	71	159	20	23	43	17	22	39	329	364	693	77
1869	78	60	138	31	43	74	25	17	42	351	364	715	22
1870	77	79	156	36	37	73	32	32	64	360	374	734	19
1871	92	75	167	35	25	60	29	24	53	388	400	788	54
1872	121	80	201	37	28	65	44	14	58	428	438	866	78
1873	61	53	114	22	22	44	19	33	52	448	436	884	18
1874	105	99	204	38	31	69	77	27	104	438	477	915	31
1875	84	83	167	40	56	96	69	107	176	413	397	810	
1876	104	78	182	34	23	57	34	24	58	449	428	877	67
1877	73	68	141	32	13	45	35	20	55	455	463	918	41
1878	92	70	162	38	25	63	34	47	81	475	461	936	18
30 June '79	91	68	159	35	33	68	40	22	62	491	474	965	29
Totals	2264	2012	4276	865	787	1652	918	749	1667				

TABLE III

DURATION OF RESIDENCE.

Insane treated since 1st July 1878 (12 months).			
DURATION.	M.	F.	Total.
One month and under.....	16	7	23
From 1 to 2 months.....	14	11	25
“ 2 “ 3 “	11	5	16
“ 3 “ 6 “	26	13	39
“ 6 “ 12 “	37	39	76
“ 12 “ 18 “	27	25	52
“ 18 “ 24 “	23	19	42
“ 2 “ 3 years.....	39	37	76
“ 3 “ 5 “	80	50	160
“ 5 “ 10 “	136	148	279
“ 10 “ 15 “	69	54	123
“ 15 “ 20 “	36	33	69
“ 20 “ 25 “	29	34	63
“ 25 “ 30 “	10	23	33
30 years and over.....	13	6	19
Totals.....	566	529	1095

AVERAGE DURATION OF RESIDENCE.

Males..... 7 years, 9 months, 7 days.

Females..... 8 years, 4 months, 6 days.

Both sexes..... 8 years, 21 days.

TABLE IV
DISEASES TREATED DURING THE YEAR.

FORM OF THE DISEASE.	SEX.	TOTAL.	COMPLICATIONS.										TOTAL.		
			Congenital.	Paralysis.	Epilepsy.	Puerperal.	Hysterical.	Uterine disorders.	Onanism.	Intemperance.	Hereditary.	Homicidal.	Suicidal.	M.	F.
Mania	M. 158 ..	2	3	..	..	..	4	19	13	11	9	158	127
	F. 127 ..	1	..	20	5	11	3	8	12	1	5				
Chronic mania. {	M. 153 ..	2	..	..	..	..	5	14	9	7	4	153	142
	F. 142 ..	4	4	..	3	3	..	2	10	3	4				
Monomania..... {	M. 13 ..	..	..	..	..	..	..	2	1	..	1	13	6
	F. 6 ..	..	..	..	..	..	..	..	2	..	1		
Melancholia ... {	M. 66 ..	..	..	..	..	..	8	9	7	3	20	66	69
	F. 69 ..	2	..	6	1	3	..	2	5	2	10				
Chronic melancholia. {	M. 12 ..	..	..	..	..	..	2	..	1	1	..	12	7
	F. 7 ..	..	..	4	2	..	2	1	2	..	4		
Dementia..... {	M. 26 ..	..	..	..	..	..	4	1	1	1	..	26	39
	F. 39 ..	2	1	..	..	..	..	..	5	..	1		
Senile dementia..... {	M. 11 ..	2	1	..	..	..	..	..	..	..	..	11	17
	F. 17 ..	..	..	..	..	..	..	2	2	..	2		
Paralytic mania..... {	M. 15 ..	15	1	..	..	..	..	6	..	1	3	15	5
	F. 5 ..	5	..	1	..	..	..	1	..	..	..	
Imbecility {	M. 54 ..	42	2	..	..	..	7	1	2	2	..	54	61
	F. 61 ..	34	1	..	3	..	1	..	10	..	..		
Idiocy..... {	M. 16 ..	14	..	..	..	..	..	..	7	1	..	16	12
	F. 12 ..	7	1	1	..	..	..	..	3	..	1		
Epileptic mania..... {	M. 42 ..	2	42	..	..	..	2	2	1	1	2	42	44
	F. 44 ..	1	44	..	3	3	1	1	3	..	5				
Totals.....		1095	97	39	101	31	17	20	39	71	96	34	72	566	529

Such
the year
facilities
tables.



TABLE V
OCCUPATION.

Average work of the patients during the year 1878-79.			
OCCUPATION.	M.	F.	Total.
Household work.....	57	60	117
Gardening and farming.....	50	14	64
Sewing and knitting. ....	.....	60	60
Workshops.....	14	.....	14
Wash house and laundry.....	6	10	16
Kitchen.	8	12	20
Totals	135	156	291

Such has been the movement of our population for the year 1878-79. This general view will give additional facilities in enabling one to understand the following tables.

YEAR.

TOTAL.	
M.	F.
58	127
53	142
13	6
56	69
2	7
6	39
1	17
5	5
4	61
6	12
2	44
3	529

SECOND PART.

ADMISSIONS.

The numerous tables contained in the second portion of the report are particularly interesting.

They give an historical review of the patients admitted and assist in forming at once a pretty definite idea of the results to be expected.

Admissions.	TABLE I.
Causes of readmission.	TABLE II.
Former residence.	TABLE III.
Civil condition.	TABLE IV.
Language.	TABLE V.
Religion.	TABLE VI.
Origin.	TABLE VII.
Occupation.	TABLE VIII.
Age when admitted.	TABLE IX.
Manifestation of disease previous to admission.	TABLE X.
Diseases of patients admitted.	TABLE XI.
Probable chances of cure.	TABLE XII.
Supposed causes of insanity.	TABLE XIII.

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TABLE I
ADMISSIONS.

	M.	F.	Total.	
Admitted for the first time.	80	58	138	
[Re-admissions, after escape.	3	...	3	
Re-admissions of those discharged from 1845, to 30th June 1880, after more than one year's absence.	1st Re-admissions.	4	2	6
	2nd " "	2	1	3
	3rd " "	...	1	1
	6th " "	...	1	1
Re-admissions of those discharged after less than one year's absence.	1st Re-admissions...	2	3	5
	nd " "	1	...	1
Totals.....	91	68	159	

On the total number of admissions, 34.96 %
 On the admissions during the year, 8.91 %

TABLE III

FORMER RESIDENCE OF PATIENTS.

	Admitted during the year.			Admitted since 1845.		
	M.	F.	Total.	M.	F.	Total.
Coming from Cities...	29	32	61	493	572	1065
" " Gaols....	9	2	11	852	604	1456
" " Districts	53	34	87	749	626	1405
" " Hospitals	.....	.....	.....	72	97	168
" " Abroad.	.....	.....	.....	28	22	50
" " St. John's Asylum.	.....	.....	.....	10	7	17
" " Kingston Pe- nitentiary.	.....	.....	.....	3	.....	3
Totals.....	91	68	159	2207	1957	4164

PERCENTAGE ON THE NUMBER OF INSANE COMING
FROM GAOL.

On the total number of admissions..... 34.96 p. c.

On the admissions during the year..... 6.91 p. c.

TABLE IV
CIVIL CONDITION.

	Admitted during the year.			Treated during the year.		
	M.	F.	Total.	M.	F.	Total.
Single	53	39	92	377	312	689
Married	32	17	49	156	175	331
Widowed	6	12	18	26	41	67
Unknown				7	1	8
Totals	91	68	159	566	529	1095

TABLE V
LANGUAGE.

LANGUAGE.	Admitted since 1845.	Admitted during the year.
French	2496	121
English	1640	38
Others	28
	4164	159

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Scotla
Unite
Engla
Irelan
Monta
Unkno



TABLE VI
RELIGION.

RELIGION.	Admitted since 1845.	Admitted during the year.
Catholic.....	3453	144
Protestant.....	647	15
Unknown.....	64	
	<u>4164</u>	<u>159</u>

TABLE VII
ORIGIN.

	ORIGIN.		
	Admitted during the year.		
	M.	F.	Total.
Canada.....	73	48	121
Scotland.....	1	2	3
United States.....		3	3
England.....	3	3	6
Ireland.....	13	11	24
Montagnaise.....	1		1
Unknown.....	1		1
	<u>91</u>	<u>68</u>	<u>159</u>

TABLE VIII
OCCUPATIONS.

ADMITTED DURING THE YEAR.			
	M.	F.	Total.
Soldiers and seamen.....	6	.....	6
Industrial or commercial profes- sions.....	2	1	3
Students.....	3	.....	3
Agricultural occupations.....	23	.....	23
Manual or mechanical occupations.	12	5	17
House-keepers.....	.....	15	15
Beggars.....	2	3	5
Servants.....	20	8	28
Teachers.....	.....	1	1
Carter.....	1	1
Without occupation	21	35	56
Occupation unknown.....	1	1
Totals.....	91	68	159

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TABLE IX

AGE WHEN ADMITTED.

AGE.	Admitted during the year.			Treated during the year.			Admitted since 1845.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Under 15 yrs.	1	5	6	9	14	23	45	50	95
From 15 to 20 "	10	5	15	29	27	56	131	134	265
" 20 " 25 "	13	4	17	86	76	162	329	247	576
" 25 " 30 "	15	10	25	96	89	185	326	315	641
" 30 " 35 "	15	6	21	93	68	161	286	262	548
" 35 " 40 "	1	6	7	55	53	108	237	212	449
" 40 " 45 "	5	5	10	49	67	116	214	194	408
" 45 " 50 "	7	2	9	42	34	76	177	121	298
" 50 " 60 "	8	10	18	73	49	122	245	213	458
" 60 " 70 "	6	9	15	21	33	54	148	136	284
" 70 " 80 "	7	4	11	10	16	26	56	57	113
80 years and over.....	3	2	5	3	3	6	13	16	29
Totals.....	91	68	159	566	529	1095	2207	1957	4164

Total.
6
3
3
23
17
15
5
28
1
1
56
1
159

TABLE X

MANIFESTATION OF THE DISEASE
PREVIOUS TO ADMISSION.

ADMITTED DURING THE YEAR.	M.	F.	Total.
One month and under.....	3	4	7
From 1 month to 6 months.....	14	11	25
“ 6 “ “ 1 year.....	6	5	11
“ 1 year “ 2 years.....	7	6	13
“ 2 “ “ 3 “.....	6	4	10
“ 3 “ “ 4 “.....	7	1	8
“ 4 “ “ 5 “.....	2	3	5
“ 5 “ “ 10 “.....	5	5	10
“ 10 “ “ 15 “.....	3	4	7
“ 15 “ “ 20 “.....	2	3	5
“ 20 “ “ 25 “.....	3	1	4
From birth.....	9	10	19
Undetermined period, not remote..	10	2	12
“ “ long standing	11	7	18
Unknown.....	3	2	5
Totals.....	91	68	159

AVERAGE DURATION OF THE DISEASE PREVIOUS
TO ADMISSION.

Males, 58. Duration : 4 years, 2 months, 18 days.
 Females, 47. “ 4 “ 4 “ 11 “
 Both sexes, 105. “ 4 “ 3 “ 14 “



TABLE XI

DISEASES OF PATIENTS ADMITTED DURING THE YEAR.

FORM OF DISEASE.	SEX.	TOTAL.	COMPLICATIONS.										TOTAL.		
			Congenital.	Paralytic.	Epileptic.	Puerperal.	Hysterical.	Uterine disorders.	Onanism.	Intemperance.	Hereditary.	Homicidal.	Suicidal.	M.	F.
Acute mania.....	M.	27	1	2				1	5	5	3	1	27	19	
	F.	19		3	2	4		2	2		1				
Chronic mania.....	M.	12	1					1	3	2	1		12	6	
	F.	6						1	2	2					
Monomania.....	M.														
	F.														
Melancholia.....	M.	18						1	5	5		8	18	11	
	F.	11					1		1		2				
Dementia.....	M.	1							1				1	3	
	F.	3													
Senile dementia.....	M.	9	1										9	7	
	F.	7							2		1				
Paralytic mania.....	M.	2	2	1								2			
	F.														
Imbecility.....	M.	6	4					1			1		6	7	
	F.	7	1		1				2						
Idiocy.....	M.	5	5						3				5	8	
	F.	8	6	2					3		1				
Epileptic mania.....	M.	11	2	11				1				11		7	
	F.	7		7			1	1			1				
Totals.....		159	16	7	23	3	3	6	4	22	25	5	15	91	68

Total.
7
25
11
13
10
8
5
10
7
5
4
19
12
18
5
159
s
days.
"
"

TABLE XII

PROBABLE CHANCES OF CURE.

OF THE PATIENTS ADMITTED DURING THE YEAR.			
	M.	F.	Total.
Chances of cure—favorable.....	42	22	64
“ “ doubtful.....	11	17	28
“ “ unfavorable.....	38	29	67
Totals.....	91	68	159

Percentage of favorable cases on the admissions during the year.

Males,	91.	Favorable admissions	42,	p. c.	46.15
Females,	68.	“ “	22,	p. c.	32.35
Both sexes,	159.	“ “	64,	p. c.	40.25

ADMITTED DURING THE YEAR.



THIRD PART.

DISCHARGES.

The tables contained in this part of the report show the number of patients discharged and their mental condition at their departure.

We have taken special pains to establish the percentage of discharges, as it shows the results obtained during the year.

The division of the tables is as follows :

TABLE I.

Patients discharged during the year.

TABLE II.

Nature of the disease of discharged patients.

TABLE III.

Duration of the disease before admission.

TABLE IV.

Principal causes of insanity.

TABLE V.

Duration of treatment.

TABLE VI.

Total duration of the disease from its manifestation.

TABLE VII.

Age at time of discharge.

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TABLE I
DISCHARGES.

	MENTAL CONDITION.									Grand total.	Patients discharged since 1845.				
	Cured.			Im-proved.			Statio-nary.								
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.			
	Recommended..	23	11	34	1	..	1	24	11	35		
Claimed by relatives.....	4	1	5	4	3	7	1	4	5	9	8	17			
Transferred .....	..	..	..	1	1	..	1	1	..	2	2				
Escaped.....	3	..	3	1	1	2	3	..	3	7	1	8			
Totals.....	30	12	42	6	5	11	4	5	9	40	22	62	882	722	1604

Percentage of discharges of those cured among favorable cases on the 30th June, 1878. (75 m. 51 f)

Favorable cases, Discharged cured, Average.
126 42 33.33 p. c.

Percentage of discharges of those cured and improved among favorable cases on the 30th June, 1878.

Discharged cured
Favorable cases, and improved, Average.
126 53 42.06 p. c.

Population under treatment,
on the 30th June, 1878, Favorable cases, Average.
936 126 13.46 p. c.

DEDUCTING THE TRANSFERS.

Admissions,	Discharges,	Average.
159	60	37.73 p. c.

Discharged cured and improved, transfers included.

Admissions in the year,	Discharged,	Average,
159	62	38.99 p. c.

Admissions in the year,	Discharged cured	Average,
156	53	33.33 p. c.

Admissions in the year,	Discharged cured,	Average,
159	42	26.41 p. c.

TABLE II
FORM OF THE DISEASE OF DISCHARGED PATIENTS.

PATIENTS DISCHARGED DURING THE YEAR.												
FORM OF THE DISEASE.	MENTAL CONDITION.									GRAND		
	Cured.			Im- proved.			Sta- tionary.			TOTAL.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Mania	22	9	31	1	4	5	1	...	1	24	13	37
Chronic mania.....	1	..	1	1	1	2	1	1	2	3	2	5
Melancholia.....	6	3	9	2	...	2	...	...	...	8	3	11
Chronic melanch..	...	...	...	1	...	1	...	...	...	1	...	1
Monomania.....	1	..	1	...	...	...	1	1	2	1	1	2
Epileptic insanity.	...	...	...	...	...	...	1	1	2	1	1	2
Senile dementia....	2	2	4	...	2	2
Imbecility.....	1	...	1	1	...	1	2	...	2
Totals.....	30	12	42	6	5	11	4	5	9	40	22	62

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TABLE III
DURATION OF THE DISEASE BEFORE
ADMISSION.

DURATION.	MENTAL CONDITION.									GRAND		
	Cured.			Im- proved.			Sta- tionary.			TOTAL.		
	M.	F.	Tot.	M.	F.	Tot.	M.	F.	Tot.	M.	F.	Tot.
1 month and under.	4	5	9							4	5	9
From 1 to 2 mos...	2	1	3		3	3	1		1	3	4	7
“ 2 “ 3 “ ...	3		3	1		1				4		4
“ 3 “ 6 “ ...	4	1	5	2		2				6	1	7
“ 6 “ 12 “ ...	3		3							3		3
“ 12 “ 18 “ ...	1	1	2							1	1	2
“ 18 “ 24 “ ...	2	2	4							2	2	4
“ 2 “ 3 years					1	1	1	1		2		2
“ 3 “ 4 “ ...				1		1				1		1
“ 4 “ 5 “ ...	1		1							1		1
5 years and over...	1		1	1		1	2	3	5	4	3	7
Undetermined, but recent.	6	1	7	1	1					6	2	8
Undetermined, of long standing.	3		3							3		3
Since childhood and congenital.				1	1	1	1	1	1	2		2
Unknown.....		1	1				1	1		2		2
Totals.....	30	12	42	6	5	11	4	5	9	40	22	62

Out of 42 cures obtained, we show in 31 cases the duration of disease before admission as follows :

Males.....10 mos., 26 days.
 Females..... 6 “ 16 “
 Both sexes..... 8 “ 21 “

led.
 age,
 p. c.
 age,
 p. c.
 average,
 41 p. c.

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F.	Total.
13	37
2	5
3	11
1	1
1	2
1	2
2	2
...	2
22	62

TABLE IV
PRINCIPAL CAUSES OF INSANITY.

		PATIENTS DISCHARGED DURING THE YEAR.											
		MENTAL CONDITION.							GRAND TOTAL.				
		Cured.			Improved.		Stationary.						
DETERMINING CAUSES.		M.	F.	Total.	M.	F.	Total.	M.	F.	Total.			
Physical.	Congenital defect.....						1..	1	1..	1			
	Convulsions, epilepsy.....						1 1	2	1 1	2			
	Falls, blows on the head....	2		2	1	1			2 1	3			
	Hereditary.....	3		3			1..	1	4..	4			
	Onanism, &c.....	2		2					2..	2			
	Alcohol. excesses.....	7	1	8	2		2		9 1	10			
	Puerperal Fever.....				1	1			1 1	2			
	Female diseases, uterine disorders.....		1	1	2	2		1 1	4	4			
	Serious illness.....	1		1				1 1	1 1	2			
	Excessive intellectual labor.	2		2					2..	2			
Mixed.	Dissipation.....	1		1				1..	1	1			
	Poverty, hardship, cold....	1	1	2				1 1	2	2			
Moral.	Fear, anxiety, lively emotion	1	2	3	1	1	1..	1 2	3 5	8			
	Jealousy.....				1			1..	1	1			
	Deception in love.....		1	1					1 1	2			
	Losses, reverses.....	2	1	3					2 1	3			
	Religious excitement.....	1		1	1		1..		2..	2			
	Grief, domestic troubles....	3	3	6				1 1	3 4	7			
	Scruples.....	1		1					1..	1			
Unknown.....	3	2	5	2		2..	1 1	5 3	8				
Totals.....		30	12	42	6	5	11	4	5	9	40	22	62

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TABLE V
DURATION OF TREATMENT.

PATIENTS DISCHARGED DURING THE YEAR.										Patients discharged since 1845.					
DURATION	MENTAL CONDITION.												GRAND TOTAL.		
	Cured.			Im-proved.			Station-ary.								
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.			
1 month and under.	1	1	2	2	2	4	3	3	6	51	40	91			
From 1 to 2 months.	6	1	7	1	1	2	7	1	8	74	40	114			
“ 2 “ 3 “ ...	1	1	2	1	1	2	1	1	2	87	68	155			
“ 3 “ 6 “ ...	6	3	9	1	1	2	7	3	10	181	132	313			
“ 6 “ 9 “ ...	4	1	5	1	1	2	4	1	5	89	86	175			
“ 9 “ 12 “ ...	1	1	2	1	1	2	2	2	4	72	53	125			
“ 12 “ 18 “ ...	4	2	6	1	2	3	5	4	9	103	72	175			
“ 18 “ 24 “ ...	3	1	4	1	1	2	3	2	5	53	47	100			
“ 2 “ 3 years..	3	1	4	3	3	6	1	7	4	56	48	104			
“ 3 “ 4 “	2	2	4	2	2	4	2	2	4	26	21	50			
“ 4 “ 5 “	1	1	2	1	1	2	1	1	2	15	24	39			
5 years and under.	1	1	2	2	2	4	2	1	3	75	91	166			
Totals.....	30	12	42	6	5	11	4	5	9	40	22	62			

Average period of treatment of patients discharged during the year:

Males..... 1 years, 1 months, 13 days.
 Females..... 2 “ 7 “ 9 “
 Both sexes..... 1 “ 10 “ 11 “

TABLE VI

TOTAL DURATION OF THE DISEASE FROM ITS
MANIFESTATION.

PATIENTS DISCHARGED DURING THE YEAR.												
DURATION.	MENTAL CONDITION.											
	Cured.			Im- proved.			Sta- tionary.			Grand total.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
From 1 to 2 mos...	...	...	...	...	...	...	...	...	...	...	...	...
“ 2 “ 3 “ ...	1	2	3	1	...	1	...	...	...	2	2	4
“ 3 “ 6 “ ...	4	1	5	1	...	1	...	...	...	5	1	6
“ 6 “ 9 “ ...	4	1	5	...	...	...	...	...	...	4	1	5
“ 9 “ 12 “ ...	...	1	1	...	...	...	...	...	...	...	1	1
“ 12 “ 18 “ ...	3	1	4	...	1	1	...	...	...	3	2	5
“ 18 “ 24 “ ...	3	1	4	...	1	1	...	...	...	3	2	5
“ 2 “ 3 years	5	1	6	1	1	2	1	...	1	7	2	9
“ 3 “ 4 “ ...	...	2	2	...	...	...	...	...	...	...	2	2
“ 4 “ 5 “ ...	1	1	2	1	1	2	...	...	...	2	2	4
5 years and over...	2	...	2	1	...	1	2	4	6	5	4	9
Undetermined, but recent.	4	...	4	...	...	...	...	...	...	4	...	4
Undetermined, of long standing.	3	1	4	...	1	1	...	...	...	3	2	5
Since childhood...	...	...	...	1	...	1	1	...	1	2	...	2
Unknown.....	...	...	...	...	...	...	...	1	1	...	1	1
Totals.....	30	12	42	6	5	11	4	5	9	40	22	62



FOURTH PART.

DEATHS.

We beg specially to draw the reader's attention to the exceptionally favorable percentage of deaths this year.

This satisfactory result contributes greatly towards proving the excellence of the hygienic system of our establishment.

The tables of deaths are given as follows :

TABLE I.

Deaths.

TABLE II.

Deaths classified according to the form of mental disease.

TABLE III.

Duration of treatment.

TABLE IV.

Age at death.

TABLE V.

Causes of death.

TABLE I

DEATHS.

INSANE PATIENTS DECEASED DURING THE YEAR.			
	M.	F.	Total.
Through sickness.....	35	33	68
Totals.....	35	33	68

Percentage of the deaths :

	Treated.	Died.	Average.
Males	566	35	6.18 p. c.
Females.....	529	33	6.23 p. c.
Both sexes...	1095	68	6.21 p. c.

Duration of treatment of patients deceased during the year :—

Males	5 years, 3 months.
Females.....	6 " 11 " 23 days.
Both sexes....	6 " 1 " 11 "

TABLE II

DEATHS CLASSIFIED ACCORDING TO THE
FORM OF MENTAL DISEASE.

INSANE PATIENTS DECEASED DURING THE YEAR.			
	M.	F.	Total.
Suffering from :			
Acute mania.....	4	2	6
Chronic ".....	12	5	17
Acute melancholia.....	1	3	4
Chronic ".....	...	4	4
Monomania.....	1	...	1
Ordinary dementia.....	1	4	5
Senile ".....	3	6	9
Paralytic insanity.....	2	1	3
Epileptic ".....	6	5	11
Imbecility.....	3	2	5
Idiocy.....	2	1	3
Totals.....	35	33	68

During the period just elapsed, chronic forms of mental alienation give, on the total number of deaths, the following percentage :

Chronic mania and melancholia...	21,	say	30.88	p. c.
Simple and senile dementia.....	14	"	20.58	" "
Paralytic and epileptic insanity...	14	"	20.58	" "
Imbecility and idiocy.....	8	"	11.76	" "
Acute disorders.....	10	"	14.70	" "

TABLE III

DURATION OF TREATMENT.

DURATION.	Insane patients deceased during the year.			SINCE 1845.		
	M.	F.	Tot.	M.	F.	Tot.
1 month and under...	2	.....	2	56	27	83
From 1 to 2 months.....	1	2	3	56	27	83
“ 2 “ 3 “	2	2	4	67	36	103
“ 3 “ 6 “	2	2	4	101	68	169
“ 6 “ 9 “	1	3	4	66	56	122
“ 9 “ 12 “	2	1	3	51	40	91
“ 12 “ 18 “	3	1	4	69	81	150
“ 18 “ 24 “	1	.....	1	50	49	99
“ 2 “ 3 years.....	3	4	7	85	82	167
“ 3 “ 4 “	4	7	11	63	56	119
“ 4 “ 5 “	2	2	4	36	53	89
“ 5 “ 10 “	5	.....	5	66	102	168
“ 10 “ 15 “	4	3	7	38	53	91
“ 15 “ 20 “	2	2	4	13	17	30
20 years and over.....	1	4	5	17	14	31
	35	33	68	834	761	1595

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Total.

6

17

4

4

1

5

9

3

11

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68

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p. c.

“ “

“ “

“ “

“ “

TABLE IV
AGE AT DEATH.

Insane patients deceased during the year.				SINCE 1845.		
AGE.	M.	F.	Total.	M.	F.	Total.
Under 15 years.....		1	1	16	11	27
From 15 to 20 years.....		1	1	17	19	36
“ 20 “ 25 “ ...	2	1	3	56	48	104
“ 25 “ 30 “ ...	4	2	6	73	71	144
“ 30 “ 35 “ ...	6	.....	6	90	79	169
“ 35 “ 40 “ ...	5	3	8	94	79	173
“ 40 “ 45 “ ...	2	.....	2	95	79	174
“ 45 “ 50 “ ...	2	2	4	74	53	127
“ 50 “ 60 “ ...	3	4	7	121	131	252
“ 60 “ 70 “ ...	4	8	12	121	115	236
“ 70 “ 80 “ ...	5	9	14	59	57	116
80 years and over....	2	2	4	18	19	37
Totals.....	35	33	68	834	761	1595

Average age at death (of the deceased during the year.)

Males 48 years, 3 months, 8 days.

Females..... 57 “ 8 “

Both sexes.... 52 “ 11 “ 19 “

TABLE V

CAUSES OF DEATH.

INSANE PATIENTS DECEASED DURING THE YEAR		M.	F.	Total.
Diseases :				
Of the brain and nervous system.	{ Chronic meningitis.....	1	..	1
	{ Paralysis.....	2	1	3
	{ Epilepsy.....	5	2	7
	{ Nervous exhaustion.....	1	..	1
Of the heart.	{ Hypertrophy.....	1	1	2
	{ Valvular insufficiency.....	1	2	3
Of the lungs.	{ Pleurisy.....	1	..	1
	{ Pneumonia.....	..	1	1
	{ Phthisis.....	5	2	7
	{ Congestion.....	2	3	5
	{ Chronic bronchitis.....	1	..	1
Of the digestive organs.	{ Chronic diarrhœa.....	1	2	3
	{ Chronic dyssentery.....	1	..	1
	{ Cancer in the stomach.....	..	1	1
Various diseases.	{ Exhaustion.....	1	4	5
	{ Marasma.....	3	3	6
	{ Anemia.....	3	..	3
	{ Senile debility.....	4	7	11
	{ Puerperal fever.....	1	..	1
	{ Phlegmonous erysipelas.....	1	..	1
	{ Senile gangrene.....	..	2	2
{ Variola.....	..	2	2	
Totals.....		35	33	68

845.

Total.

27
36
104
144
169
173
174
127
252
236
116
37

595

year.)

TABLE V
Probable causes of cure

FIFTH PART.

SUMMARY.

This last part of the report shows the number of patients remaining under treatment at the end of the year.

The following tables indicate their mental condition, and give a more or less correct idea of their chances of cure, etc.

TABLE I.

Movement of the population.

TABLE II.

Duration of residence.

TABLE III.

Age.

TABLE IV.

Diseases of patients remaining.

TABLE V.

Probable chances of cure.

Pop	18
Adm	ye
Disch	
Death	



TABLE I

MOVEMENT OF THE POPULATION.

	M.	F.	Total.	M.	F.	Total.
Population on 1st July 1878.....				475	461	936
Admitted during the year.....				91	68	159
Totals.....				566	529	1095
Discharges.....	40	22	62			
Deaths.....	35	33	68			
	75	55	130	75	55	130
Totals.....				491	474	965

AVERAGE DURATION OF RESIDENCE

Males..... 491 : 8 years, 5 months, 7 days
 Females..... 474 : 8 " " "
 Both sexes..... 965 : 8 " " "

TABLE II

DURATION OF RESIDENCE.

Insane patients remaining on 30th June 1879.			
DURATION.	M.	F.	Total.
Under 1 month.....	11	7	18
From 1 to 2 months.....	6	8	14
“ 2 “ 3 “	8	2	10
“ 3 “ 6 “	17	8	25
“ 6 “ 12 “	28	34	62
“ 12 “ 18 “	19	20	39
“ 18 “ 24 “	19	17	36
“ 2 “ 3 years.....	29	29	58
“ 3 “ 5 “	74	68	142
“ 5 “ 10 “	130	141	271
“ 10 “ 15 “	65	50	115
“ 15 “ 20 “	34	31	65
“ 20 “ 25 “	28	32	60
“ 25 “ 30 “	10	22	32
30 years and upwards.....	13	5	18
Totals.....	491	474	965

AVERAGE DURATION OF RESIDENCE.

Males 491 : 8 years, 5 months, 7 days.

Females..... 474 : 8 “ 8 “ 24 “

Both sexes.... 965 : 8 “ 7 “

TABLE III

AGE.

Insane patients remaining on 30th June 1879.

STATEMENT OF AGES.		M.	F.	Total.
Under 15 years.....		4	4	8
From 15 to 20 "		12	9	21
" 20 " 25 "		30	15	45
" 25 " 30 "		56	50	106
" 30 " 35 "		58	54	112
" 35 " 40 "		67	60	127
" 40 " 45 "		50	60	110
" 45 " 50 "		54	52	106
" 50 " 60 "		95	85	180
" 60 " 70 "		43	60	103
" 70 " 80 "		17	20	37
80 years and over.....		5	5	10
Totals.....		491	474	965

79.	Total.
18	
14	
10	
25	
62	
39	
36	
58	
142	
271	
115	
65	
60	
32	
18	
965	

ays.

TABLE IV
DISEASES OF PATIENTS REMAINING ON THE
30TH JUNE 1879.

FORM OF THE DISEASE.	SEX	TOTAL	COMPLICATIONS.										TOTAL.		
			Congenital.	Paralytic.	Epileptic.	Puerperal.	Hysteria.	Uterine disorders.	Onanism.	Intemperance.	Hereditary.	Homicidal.	Suicidal.	M.	F.
Mania.....	M.	132	..	2	2	2	12	5	10	6	132	112
	F.	112	..	1	15	5	7	3	6	9	1	5			
Chronic mania..	M.	136	..	..	..	..	..	5	10	9	7	4	136	135
	F.	135	..	4	3	..	3	2	2	10	3	3			
Monomania.....	M.	11	..	..	..	..	..	..	1	1	..	..	11	5
	F.	5	..	..	..	..	..	..	2	..	..	..
Melancholia.	M.	56	..	..	..	..	..	6	6	5	2	17	56	63
	F.	63	..	2	..	6	1	2	1	5	2	9			
Chronic melanch.	M.	11	..	..	..	..	..	2	..	1	1	..	11	3
	F.	3	..	..	..	3	1	2	1	..	..	3		
Dementia.	M.	25	..	..	..	..	..	4	1	1	1	..	25	33
	F.	33	..	1	..	..	..	..	..	5	..	1		
Senile dementia.	M.	8	..	2	1	..	..	..	..	..	..	..	8	10
	F.	10	..	..	..	..	..	..	2	1	..	2		
Paralytic mania.	M.	13	..	13	..	..	..	..	4	..	..	1	13	5
	F.	5	..	5	..	1	..	..	1	..	..	..
Imbecility.....	M.	50	40	..	2	..	..	7	1	2	1	..	50	59
	F.	59	33	..	1	..	3	1	..	10	..	..	
Idiocy.....	M.	13	11	..	..	..	..	..	..	5	..	..	13	11
	F.	11	7	1	1	..	..	..	..	3	..	..	
Epileptic mania..	M.	36	..	2	36	..	..	2	2	..	..	..	36	38
	F.	38	..	..	38	..	3	2	1	1	3	..	4	
Totals.....		965	91	33	84	25	16	13	35	51	77	28	55	491	474



TABLE V

PROBABLE CHANCES OF CURE.

Of insane patients remaining on 30th June 1879.

	M.	F.	Total.
Chances of cure—favorable.....	81	50	131
“ “ very doubtful.....	74	67	141
“ “ unfavorable..	336	357	893
Totals.....	491	474	965

Table: Diseases contracted during the year. — Table: Diseases of the patients during the year. — Table: Diseases of patients admitted during the 12 months. — Table: Probable chances of cure. — Table: Supposed causes of insanity. Page 25.

DISCHARGES.

Table: Discharged during the year, average discharges, patients recommended for discharge, obtained by relatives, transferred, etc. — Table: Source of the disease of the discharged patients. — Table: Duration of the disease previous to admission. — Table: Principal cause of insanity. — Table: Duration of treatment. — Table: Total recovery of the disease from its manifestation. — Table: Age when discharged. Page 26.

TABLE V

THE NORTHERN CANADIAN PACIFIC RAILWAY COMPANY
STATISTICAL STATEMENT OF THE COMPANY'S BUSINESS FOR THE YEAR 1913

Of income patients remaining on 10th June 1913

Year	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900
Change of cure - favorable	81	50	131										
Change of cure - very doubtful	74	67	111										
Change of cure - gain favorable	238	337	208										
Total	493	454	450										

Movements

I. Table

I. Table:

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DISCHARGES.

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