

QUEBEC LUNATIC ASYLUM

PROVINCE OF QUEBEC

Quebec Lunatic Asylum

REPORT

OF THE

QUEBEC LUNATIC ASYLUM

FOR THE YEAR

1879 - 80

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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Quebec Lunatic Asylum

(1880)

MEDICAL SUPERINTENDENTS.	{ J. E. J. LANDRY, Esq., M. D. F. E. ROY, Esq., M. D.
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SECOND ASSISTANT MATRON...	MISS V. JEAN.
FARMER.....	J. ROY.
ENGINEER.....	A. KAY.
CHIEF OF FIRE DEPARTMENT..	A. DROLET.
DOOR KEEPER.....	A. OUELLET.

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CHAPLAINS.....	{ REVD. J. B. Z. BOLDOC. REVD. W. S. VIAL.

Quebec Lunatic Asylum

(1880)

Medical Superintendent }
 J. E. J. LAZARUS, Esq., M.D. }
 E. E. HOY, Esq., M.D. }
 Assistant Physicians }
 U. A. BÉLANGER, Esq., M.D. }
 Warden }
 C. VINCENT, Esq. }
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 First Assistant-Matron }
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 Group Assistant Matron }
 Miss F. JEAN }
 Farmers }
 J. HOY }
 Brothers }
 A. RAY }
 Chief of Fire Department }
 A. DROLET }
 Doorkeeper }
 A. GIBELLET }

Directors of Asylum }
 A. DE MATHIGNY, Esq., M.D. }
 WALTER SMITH, Esq. }
 Visiting Physicians }
 A. JACKSON, Esq., M.D. }
 A. VALLÉE, Esq., M.D. }
 Chairs }
 Rev. J. H. N. BORDIG }
 Rev. W. S. VIAL }

To the
 SIR,
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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 sanitary condition of the establishment continues to be highly satisfactory.

We have escaped every epidemic and contagious disease and we deem ourselves especially fortunate in having no case of suicide or serious accident to report.

If we consider the many physical ills which are, so to speak, inherent to mental disease, we may, this year again, affirm that the percentage of deaths (5.29 p. c.) is more than satisfactory and that we are entitled to use it as a proof that our institution, from a hygienic point of view, is in the best possible condition.

To make our work easily understood we place before the reader, as in the past, all the different statistics in the same order.

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.

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 II
SYNOPTICAL TABLE.

MOVEMENT OF THE POPULATION FROM 1845 TO 30th JUNE 1880.													
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
1879	91	68	159	35	33	68	40	22	62	491	474	965	29
30 June '80	57	55	112	31	26	57	36	27	63	481	476	957	
Totals	2264	2012	4276	865	787	1652	918	749	1667				

TABLE III

DURATION OF RESIDENCE.

Insane treated since 1st July 1879 (12 months).

DURATION.	M.	F.	Total.
One month and under.....	6	7	13
From 1 to 2 months.....	9	4	13
“ 2 “ 3 “	8	5	13
“ 3 “ 6 “	18	23	41
“ 6 “ 12 “	30	23	53
“ 12 “ 18 “	34	25	59
“ 18 “ 24 “	23	31	54
“ 2 “ 3 years.....	36	37	73
“ 3 “ 5 “	75	64	139
“ 5 “ 10 “	139	151	290
“ 10 “ 15 “	76	57	133
“ 15 “ 20 “	40	38	78
“ 20 “ 25 “	31	36	67
“ 25 “ 30 “	10	23	33
30 years and over.....	13	5	18
Totals.....	548	529	1077

AVERAGE DURATION OF RESIDENCE.

Males..... 8 years, 4 months, 7 days.

Females 8 years, 7 months, 14 days.

Both sexes..... 8 years, 5 months, 25 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. 151	3	3	2	19	10	10	7	151	131	
	{	F. 131	1	17	5	9	3	6	15	2	8				
Chronic mania.	{	M. 146	1	..	..	..	5	11	12	8	5	146	147
	{	F. 147	4	3	3	2	..	2	12	4	3				
Monomania.....	{	M. 11	..	..	..	..	..	1	1	..	..	11	5
	{	F. 5	..	..	..	..	..	..	2	..	..		
Melancholia ...	{	M. 64	..	..	..	..	6	7	5	2	19	64	72
	{	F. 72	2	6	2	3	..	1	8	2	13				
Chronic melancholia.	{	M. 15	..	..	..	..	4	..	1	1	1	15	5
	{	F. 5	..	3	2	..	2	1	1	..	4				
Dementia.....	{	M. 25	..	..	..	..	4	1	1	1	..	25	37
	{	F. 37	2	..	..	..	..	..	6	..	1		
Senile dementia.....	{	M. 13	3	2	..	..	..	1	1	..	1	13	11
	{	F. 11	..	..	..	..	..	2	1	..	2		
Paralytic mania.....	{	M. 13	13	..	..	..	4	..	..	..	1	13	5
	{	F. 5	5	1	..	..	1	..	..	..	..
Imbecility	{	M. 53	43	2	..	..	7	1	3	1	..	53	63
	{	F. 63	37	1	3	..	1	..	11	..	..		
Idiocy.....	{	M. 17	15	1	..	..	..	..	6	..	..	17	11
	{	F. 11	7	1	1	..	..	..	3	..	..		
Epileptic mania.....	{	M. 40	2	40	..	..	2	2	..	..	..	40	42
	{	F. 42	1	42	3	2	1	1	3	..	4				
Totals.....		1077	102	38	95	27	18	16	37	61	102	31	69	548	529

Such
the year
faciliti
tables.



TABLE V
OCCUPATION.

Average work of the patients during the year 1879-80.			
OCCUPATION.	M.	F.	Total.
Household work.....	60	65	125
Gardening and farming.....	45	18	63
Sewing and knitting.....	.....	55	55
Workshops.....	15	.....	15
Wash house and laundry.....	7	9	16
Kitchen.....	10	18	28
Totals	137	165	302

Such has been the movement of our population for the year 1879-80. This general view will give additional facilities in enabling one to understand the following tables.

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.

TABLE I.

Admissions.

TABLE II.

Causes of readmission.

TABLE III.

Former residence.

TABLE IV.

Civil condition.

TABLE V.

Language.

TABLE VI.

Religion.

TABLE VII.

Origin.

TABLE VIII.

Occupation.

TABLE IX.

Age when admitted.

TABLE X.

Manifestation of disease previous to admission.

TABLE XI.

Diseases of patients admitted.

TABLE XII.

Probable chances of cure.

TABLE XIII.

Supposed causes of insanity.



TABLE I
ADMISSIONS.

	M.	F.	Total.	
Admitted for the first time.	44	45	89	
Re-admissions, after escape.	2	...	2	
Re-admissions of those discharged from 1845, to 30th June 1880, after more than one year's absence.	1st Re-admissions.	1	2	3
	3rd " "	...	1	1
Re-admissions of those discharged after less than one year's absence.	1st Re-admissions...	7	4	11
	2nd " "	...	2	2
	3rd " "	1	1	2
	5th " "	1	...	1
	6th " "	1	...	1
Totals.....	57	55	112	

On the total number of admissions..... 31.26 p. c.

On the admissions during the year..... 3.93 p. c.

TABLE III
FORMER RESIDENCE OF PATIENTS.

	Admitted during the year.			Admitted since 1845.		
	M.	F.	Total.	M.	F.	Total.
Coming from Cities...	17	21	38	510	593	1103
" " Gaols....	7	2	9	859	606	1465
" " Districts	32	30	62	781	686	1467
" " Hospitals.....		1	1	72	97	169
" " Abroad.	1	1	2	29	23	52
" " St. John's Asylum.....				10	7	17
" " Kingston Penitentiary.....				3		3
Totals.....	57	55	112	2264	2012	4276

PERCENTAGE ON THE NUMBER OF INSANE COMING FROM GAOL.

On the total number of admissions..... 34.26 p. c.

On the admissions during the year..... 8.03 p. c.

TABLE IV
CIVIL CONDITION.

	Admitted during the year.			Treated during the year.		
	M.	F.	Total.	M.	F.	Total.
Single	33	32	65	368	325	693
Married	20	18	38	152	168	320
Widowed	3	5	8	20	36	56
Unknown	1	.....	1	8	.....	8
Totals	57	55	112	548	529	1077

TABLE V
LANGUAGE.

LANGUAGE.	Admitted since 1845.	Admitted during the year.
French	2583	87
English	1663	23
Others	30	2
	4276	112



TABLE VI
RELIGION.

RELIGION.	Admitted since 1845.	Admitted during the year.
Catholic.....	3553	100
Protestant.....	659	12
Unknown.....	64	.....
	<u>4276</u>	<u>112</u>

TABLE VII

ORIGIN.

	ORIGIN.		
	Admitted during the year.		
	M.	F.	Total.
Canada.....	44	42	86
Scotland.....	2	.....	2
Spain.....	1	.....	1
France.....	1	.....	1
England.....	3	2	5
Germany.....	.....	2	2
Ireland.....	5	9	14
Unknown.....	1	.....	1
	<u>57</u>	<u>55</u>	<u>112</u>

TABLE VIII
OCCUPATIONS.

ADMITTED DURING THE YEAR.			
	M.	F.	Total.
Liberal professions.....	3	.....	3
Soldiers and seamen.....	1	.....	1
Industrial or commercial profes- sions.....	1	.....	1
Telegraph operator.....	1	.....	1
Students.....	1	.....	1
Agricultural occupations.....	16	.....	16
Manual or mechanical occupations.	5	2	7
House-keepers.....	.....	20	20
Beggars.....	1	2	3
Servants.....	16	6	22
Teachers.....	1	3	4
Without occupation.....	9	21	30
Occupation unknown.....	2	1	3
Totals.....	57	55	112



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	...	1	10	11	21	46	50	96
From 15 to 20 "	4	7	11	30	33	63	135	141	276
" 20 " 25 "	11	7	18	81	79	160	340	254	594
" 25 " 30 "	7	7	14	92	88	180	333	322	655
" 30 " 35 "	7	8	15	88	73	161	293	270	563
" 35 " 40 "	2	5	7	51	53	104	239	217	456
" 40 " 45 "	2	3	5	50	65	115	216	197	413
" 45 " 50 "	6	3	9	41	34	75	183	124	307
" 50 " 60 "	6	7	13	69	48	117	251	220	471
" 60 " 70 "	4	5	9	21	31	52	152	141	293
" 70 " 80 "	6	3	9	13	12	25	62	60	122
80 years and over.....	1	...	1	2	2	4	14	16	30
Totals.....	57	55	112	548	529	1077	2264	2012	4276

Blades 30 Duration 2 years 10 months 21 days
 Females 10
 Both sexes 84

TABLE X
MANIFESTATION OF THE DISEASE
PREVIOUS TO ADMISSION.

ADMITTED DURING THE YEAR.	M.	F.	Total.
One month and under.....	5	3	8
From 1 month to 6 months.....	8	9	17
" 6 " " 1 year.	3	4	7
" 1 year " 2 years.....	7	4	11
" 2 " " 3 "	3	7	10
" 3 " " 4 "	1	4	5
" 4 " " 5 "	3	3	6
" 5 " " 10 "	4	8	12
" 10 " " 15 "	5	2	7
" 15 " " 20 "			
" 20 " " 25 "		1	1
From birth.....	6	2	8
Undetermined period, not remote...	4	3	7
" " " long standing	3	3	6
Unknown.....	5	2	7
Totals.....	57	55	112

**AVERAGE DURATION OF THE DISEASE PREVIOUS
 TO ADMISSION.**

Males, 39. Duration : 2 years, 10 months, 21 days.
 Females, 45. " 3 " 2 "
 Both sexes, 84. " 3 " 10 "



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. 19 F. 19	19	1	1	2	2	7	5	6	1	1	19	19		
Chronic mania.....	{ M. 10 F. 12	22	1	1	1	1	1	3	2	1	1	10	12		
Monomania.....	{ M. F.														
Melancholia.....	{ M. 12 F. 11	23			2	1	2	1	4	3	5	12	11		
Dementia.....	{ M. F. 4	4	1					1					4		
Senile dementia.....	{ M. 5 F. 1	6	1	1			1	1		1		5	1		
Paralytic mania.....	{ M. F.														
Imbecility.....	{ M. 3 F. 4	7	3	3				1				3	4		
Idiocy.....	{ M. 4 F. 4	8	4	4	1			1				4			
Epileptic mania.....	{ M. 4 F. 4	8	4	4	1							4	4		
Totals.....		112	11	5	11	2	2	3	2	10	25	3	14	57	55

TABLE XII

PROBABLE CHANCES OF CURE.

OF THE PATIENTS ADMITTED DURING THE YEAR.			
	M.	F.	Total.
Chances of cure—favorable.....	15	20	35
“ “ doubtful.....	14	17	31
“ “ unfavorable.....	28	18	46
Totals.....	57	55	112

Percentage of favorable cases on the admissions during the year.

Males, 57.	Favorable admissions 15,	p. c. 26.31
Females, 55.	“ “ 20,	p. c. 36.36
Both sexes, 112.	“ “ 45,	p. c. 31.25

TABLE XIII
SUPPOSED CAUSES OF INSANITY.

ADMITTED DURING THE YEAR.		M.	F.	Tot.
PREDISPOSING CAUSES.				
Hereditary.	direct	5	2	7
	mixed	2	4	6
Paternal (father, grand-father, grand-mother, uncle, aunt)		2	1	3
Maternal (" ")		4	8	12
Collateral, brothers and sisters		2	3	5
Collateral and paternal		2	2	4
" and maternal		1	1	2
" paternal and maternal		4	5	9
Epilepsy and other nervous affections		10	16	26
Previous attacks of mental alienation		10	16	26
Totals		28	41	69
DETERMINING CAUSES.				
Physical causes.				
Congenital defect				
Falls, blows, wounds on the head				
Convulsions				
Epilepsy				
Old age				
Fever				
Tubercles				
Alcoholic excesses				
Sunstroke				
Hereditary				
Other physical causes				
Disorders of the genital organs				
Female diseases				
Onanism, debauchery				
Exposure and hardship				
Late hours, excessive intellectual labor				
Disappointed love				
Grief				
Domestic troubles				
Loss of fortune, business troubles				
Fear, anxiety, sudden emotion				
Jealousy				
Ambition, deception				
Religion, scruples				
Unknown causes				
Totals				
		57	155	112

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.

TABLE I
DISCHARGES.

PATIENTS DISCHARGED DURING THE YEAR.															
	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.....	22	13	35							22	13	35			
Claimed by relatives.....	2	3	5	3	7	10	4	2	6	9	12	21			
Transferred.....				1	1		1	1		2	2				
Escaped.....				1		1	4		5		5				
Totals.....	24	16	40	4	8	12	8	3	11	36	27	63	918	749	1667

Percentage of discharges of those cured among favorable cases on the 30th June, 1879. (81 m. 50 f)

Favorable cases,	Discharged cured,	Average.
131	40	30.53 p. c.

Percentage of discharges of those cured and improved among favorable cases on the 30th June, 1879.

Favorable cases,	Discharged cured and improved,	Average.
131	52	39.69 p. c.

Population under treatment,	Favorable cases,	Average.
on the 30th June, 1879,	131	13.57 p. c.
965		

DEDUCTING THE TRANSFERS.

Admissions,	Discharges,	Average.
112	61	54.46 p. c.

Discharged cured and improved, transfers included.

Admissions in the year,	Discharged,	Average,
112	63	56.25 p. c.

Admissions in the year,	Discharged cured and improved,	Average,
112	52	46.43 p. c.

Admissions in the year,	Discharged cured,	Average,
112	40	35.71 p. c.

TABLE II

FORM OF THE DISEASE OF DISCHARGED PATIENTS.

PATIENTS DISCHARGED DURING THE YEAR.												
FORM OF THE DISEASE.	MENTAL CONDITION.											
	Cured.			Im-proved.			Sta-tionary.			GRAND TOTAL.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Mania.....	17	10	27	1	2	3	1	1	2	18	13	31
Chronic mania.....	...	...	...	3	3	5	1	6	7	5	4	9
Melancholia.....	6	5	11	3	1	4	...	...	...	9	6	15
Chronic melanch.	1	...	1	...	...	...	...	...	...	1	...	1
Monomania.....	...	...	...	...	...	...	1	1	2	1	...	1
Paralytic insanity.	...	...	...	...	...	...	1	1	2	1	...	1
Epileptic insanity.	...	1	1	...	...	...	...	...	...	...	1	1
Senile dementia....	...	...	...	1	1	2	...	...	...	...	1	1
Imbecility.....	...	...	...	1	1	2	1	2	3	1	2	3
Totals.....	24	16	40	4	8	12	8	3	11	36	27	63



TABLE III
DURATION OF THE DISEASE BEFORE
ADMISSION.

PATIENTS DISCHARGED DURING THE YEAR.													
DURATION.	MENTAL CONDITION.												
	Cured.			Im- proved.			Sta- tionary.			GRAND TOTAL.			
	M.	F.	Tot.	M.	F.	Tot.	M.	F.	Tot.	M.	F.	Tot.	
1 month and under.	3	...	3	...	1	1	...	...	...	...	3	1	4
From 1 to 2 mos...	5	3	8	...	...	...	1	1	...	...	5	4	9
" 2 " 3 " "	3	1	4	...	...	...	...	1	1	...	3	1	4
" 3 " 6 " "	2	...	2	1	1	2	...	...	...	...	3	1	4
" 6 " 12 " "	...	4	4	...	2	2	...	...	...	...	...	6	6
" 12 " 18 " "	3	...	3	...	...	...	...	...	...	...	3	...	3
" 18 " 24 " "	...	...	...	1	...	1	...	...	...	...	1	...	1
" 2 " 3 years	2	1	3	1	...	1	...	...	...	...	3	1	4
" 3 " 4 " "	1	1	2	1	1	2	...	...	...	...	2	2	4
" 4 " 5 " "	1	...	1	...	1	1	1	...	1	2	1	3	3
5 years and over...	...	...	...	...	2	1	3	...	...	...	2	1	3
Undetermined, but recent.	3	2	5	...	...	...	...	...	...	...	3	2	5
Undetermined, of long standing.	...	2	2	...	1	1	...	...	...	...	3	3	3
Since childhood and congenital.	...	...	...	1	1	2	1	1	2	1	2	3	3
Unknown.....	1	2	3	...	...	4	...	4	5	2	7	7	7
Totals.....	24	16	40	4	8	12	8	3	11	36	27	63	63

Out of 40 cures obtained, we show in 30 cases the duration of disease before admission as follows :

Males..... 9 mos., 22 days.
Females..... 9 " 18 "
Both sexes..... 9 " 20 "

TABLE IV
PRINCIPAL CAUSES OF INSANITY.

DETERMINING CAUSES.		MENTAL CONDITION.									GRAND TOTAL.		
		Cured.			Improved.			Stationary.			M.	F.	Total.
		M.	F.	Total.	M.	F.	Total.	M.	F.	Total.			
Physical.	Congenital defect, hereditary	..	3	3	1	1	2	..	1	1	1	5	6
	Convulsions, epilepsy.....	..	1	1	..	..	..	..	1	1	1	1	2
	Falls, blows on the head....	1	..	1	..	..	..	1	..	1	2	..	2
	Debility, old age.....	1	..	1	..	1	1	..	..	1	1	1	2
	Onanism, &c.....	..	..	..	1	1	..	..	..	..	1	..	1
	Alcohol, excesses, debauch'y	1	2	3	1	..	1	..	..	..	2	2	4
	Serious illness.....	2	..	2	..	..	..	..	..	2	..	2	2
	Female diseases, uterine dis- orders.....	..	2	2	..	1	1	..	..	..	..	3	3
Abuse of tobacco.....	1	..	1	..	..	..	..	..	1	..	1	..	
Mixed.	Mental overwork.....	1	..	1	..	..	..	..	..	1	..	1	..
	Poverty, hardship, cold....	3	..	3	..	..	..	..	3	..	3	..	3
Moral.	Fear, anxiety, lively emotion	..	1	1	..	..	..	1	1	..	2	2	..
	Deception in love.....	..	1	1	..	..	..	..	..	1	1	1	1
	Losses, reverses.....	3	..	3	1	1	2	..	..	4	1	5	..
	Religious excitement.....	1	..	1	..	1	1	..	..	1	1	2	..
	Grief, domestic troubles....	3	3	6	..	..	..	..	..	3	3	6	..
	Scruples.....	2	..	2	..	..	..	..	..	2	..	2	..
Unknown.....	5	3	8	..	3	3	6	1	7	11	7	18	
Totals.....		24	16	40	4	8	12	8	3	11	36	27	63

QUEBEC (Canada)

Average
during
M
F
B

TABLE V

DURATION OF TREATMENT.

DURATION.	MENTAL CONDITION.									GRAND TOTAL.			Patients discharged since 1845.			
	Cured.			Im-proved.			Station-ary.			TOTAL.			M.	F.	Total.	
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.				
1 month and under.	1	1	2	1	1	2	1	1	2	3				52	42	94
From 1 to 2 months.	1	1	2	1	1	2				2	2			76	40	116
“ 2 “ 3 “							1	1	2			1	1	87	69	156
“ 3 “ 6 “	5	3	8				1	1	2	6	3	9		187	135	322
“ 6 “ 9 “	3	2	5	1	1	2				4	2	6		93	88	181
“ 9 “ 12 “	3	1	4	2	2	4				5	1	6		77	54	131
“ 12 “ 18 “	6	2	8	1	1	2	1	1	2	7	3	10		110	75	185
“ 18 “ 24 “	1	1	2							1	1	2		54	48	102
“ 2 “ 3 years..	2	4	6	2	2	4				2	6	8		58	54	112
“ 3 “ 4 “	1	1	2	1	1	2	1	1	2	1	1	2		27	23	50
“ 4 “ 5 “	1	1	2	1	1	2				1	1	2		16	25	41
5 years and under.	3	3	6	2	2	4	6	6	12	5	11	16		81	96	177
Totals.....	24	16	40	4	8	12	8	3	11	36	27	63		918	749	1667

Average period of treatment of patients discharged during the year:

Males.....	2	years,	10	months,	14	days.
Females.....	2	“	3	“	“	“
Both sexes.....	2	“	7	“	9	“

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.		
From 1 to 2 mos...	1	..	1	...	...	...	...	...	1	..	1
“ 2 “ 3 “ ...	...	...	...	...	...	...	...	...	...	...	...
“ 3 “ 6 “ ...	3	1	4	...	...	...	1	1	3	2	5
“ 6 “ 9 “ ...	2	2	4	...	...	...	...	...	2	2	4
“ 9 “ 12 “ ..	2	...	2	1	1	...	...	...	2	1	3
“ 12 “ 18 “ ...	3	1	4	1	...	1	...	...	4	1	5
“ 18 “ 24 “ ...	...	1	1	...	...	...	...	...	...	1	1
“ 2 “ 3 years	4	1	5	2	1	3	...	...	6	2	8
“ 3 “ 4 “ ...	4	1	5	1	...	1	...	...	5	1	6
“ 4 “ 5 “ ...	...	...	...	1	1	...	...	...	...	1	1
5 years and over...	1	2	3	...	3	3	3	1	4	4	6
Undetermined, but recent.	3	4	7	...	...	...	...	...	3	4	7
Undetermined, of long standing.	...	1	1	...	1	1	4	...	4	4	2
Since childhood...	...	...	...	...	1	1	1	1	2	1	2
Unknown.....	1	2	3	...	...	...	...	...	1	2	3
Totals.....	24	16	40	4	8	12	8	3	11	36	27
											63



TABLE VII
AGE WHEN DISCHARGED.

AGES.	Discharged during the year.			Discharged since 1845.		
	M.	F.	Tot.	M.	F.	Tot.
Under 15 years.....	...	...	...	9	13	22
From 15 to 20 years..	2	2	4	63	57	120
" 20 " 25 " ...	10	5	15	164	108	272
" 25 " 30 " ...	4	7	11	149	132	281
" 30 " 35 " ...	4	3	7	134	113	247
" 35 " 40 " ...	2	1	3	93	69	162
" 40 " 45 " ...	3	1	4	95	79	174
" 45 " 50 " ...	3	2	5	80	55	135
" 50 " 60 " ...	4	2	6	79	77	156
" 60 " 70 " ...	2	2	4	38	37	75
" 70 " 80 " ...	2	2	4	14	9	23
Totals.....	36	27	63	918	749	1667

TABLE V
Causes of death.

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.....	31	26	57
Totals.....	31	26	57

Percentage of the deaths :

	Treated.	Died.	Average.
Males	548	31	5.65 p. c.
Females.....	529	26	4.91 p. c.
Both sexes...	1077	57	5.29 p. c.

Duration of treatment of patients deceased during the year :—

Males	4 years, 7 months, 4 days.
Females.....	6 " 9 " 23 "
Both sexes....	5 " 7 " 8 "

TABLE II

DEATHS CLASSIFIED ACCORDING TO THE
FORM OF MENTAL DISEASE.

INSANE PATIENTS DECEASED DURING THE YEAR.			
	M.	F.	Total.
Suffering from:			
Acute mania.....	2	2	4
Chronic ".....	6	8	14
Acute melancholia.....	5	4	9
Chronic ".....	4	2	6
Monomania.....	...	...	...
Ordinary dementia.....	...	3	3
Senile ".....	5	4	9
Paralytic insanity.....	1	...	1
Epileptic ".....	5	3	8
Imbecility.....	...	...	...
Idiocy.....	3	...	3
Totals.....	31	26	57

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

Chronic mania and melancholia...	20,	soit	35.08 p. c.
Simple and senile dementia.....	12	"	21.05 "
Paralytic and epileptic insanity...	9	"	15.79 "
Imbecility and idiocy.....	13	"	22.80 "
Acute disorders.....	3	"	5.26 "



TABLE III
DURATION OF TREATMENT.

DURATION.	Insane patients deceased during the year.			SINCE 1845.		
	M.	F.	Tot.	M.	F.	Tot.
1 month and under...	1	2	3	57	29	86
From 1 to 2 months.....	3	.....	3	59	27	86
“ 2 “ 3 “	2	.....	2	69	36	105
“ 3 “ 6 “	1	1	2	102	69	171
“ 6 “ 9 “	4	1	5	70	57	127
“ 9 “ 12 “ .....	.....	2	2	51	42	93
“ 12 “ 18 “	2	4	6	71	85	156
“ 18 “ 24 “	1	2	3	51	51	102
“ 2 “ 3 years.....	1	1	2	86	83	169
“ 3 “ 4 “	2	1	3	65	57	122
“ 4 “ 5 “	3	2	5	39	55	94
“ 5 “ 10 “	7	4	11	73	106	179
“ 10 “ 15 “	1	2	3	39	55	94
“ 15 “ 20 “	2	.....	2	15	17	32
20 years and over.....	1	4	5	18	18	36
	31	26	57	865	787	1652

TABLE IV
AGE AT DEATH.

Insane patients deceased during the year.				SINCE 1845.		
AGE.	M.	F.	Total.	M.	F.	Total.
Under 15 years.....				16	11	27
From 15 to 20 years..	1	.....	1	18	19	37
“ 20 “ 25 “ ...	1	2	3	57	50	107
“ 25 “ 30 “ ...	6	3	9	79	74	153
“ 30 “ 35 “ ...	3	2	5	93	81	174
“ 35 “ 40 “ ...	2	3	5	96	82	178
“ 40 “ 45 “ ...	2	2	4	97	81	178
“ 45 “ 50 “ ...	4	.....	4	78	53	131
“ 50 “ 60 “ ...	4	4	8	125	135	260
“ 60 “ 70 “ ...	3	7	10	124	122	246
“ 70 “ 80 “ ...	4	2	6	63	59	122
80 years and over....	1	1	2	19	20	39
Totals.....	31	26	57	865	787	1652

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

Males 46 years, 6 months, 19 days.

Females..... 49 “ 6 “ 25 “

Both sexes.... 48 “ “ 22 “

TABLE V

CAUSES OF DEATH.

INSANE PATIENTS DECEASED DURING THE YEAR.		M.	F.	Total.
Diseases :	Of the brain and nervous system.	{ Congestion.....	.. 1	1
		{ Chronic meningitis.....	2 1	3
		{ Paralysis.....	1 ..	1
		{ Epilepsy.....	1 2	3
		{ Nervous exhaustion.....	3 ..	3
Of the heart.	{ Aneurism.....	1 ..	1	
		{ Valvular insufficiency.....	1 ..	1
		{ Others.....	1 2	3
Of the lungs.	{ Empyema.....	1 ..	1	
		{ Phthisis.....	7 4	11
		{ Congestion.....	2 ..	2
Of the digestive organs.	{ Cancer in the stomach.....	1 ..	1	
		{ Chronic enteritis.....	1 1	2
		{ Scirrhus of the liver.....	.. 1	1
Various diseases.	{ Exhaustion.....	3 3	6	
		{ Marasma.....	3 2	5
		{ Anemia.....	1 2	3
		{ Senile debility.....	2 6	8
		{ Uterine tumour.....	.. 1	1
Totals.....		31	26	57

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.



TABLE I

MOVEMENT OF THE POPULATION.

	M.	F.	Total.	M.	F.	Total.
Population on 1st July 1879.....				491	474	965
Admitted during the year.....				57	55	112
Totals.....				548	529	1077
Discharges.....	36	27	63			
Deaths.....	31	26	57			
Totals.....	67	53	120	67	53	120
Totals.....				481	476	957

AVERAGE DURATION OF RESIDENCE

Males..... 481 : 8 years, 11 months, 24 days
 Females..... 476 : 9 " " " " " "
 Both sexes... 957 : 9 " " " " " "

TABLE II

DURATION OF RESIDENCE.

Insane patients remaining on 30th June 1879.

DURATION.	M.	F.	Total.
Under 1 month.....	4	3	7
From 1 to 2 months.....	4	4	8
“ 2 “ 3 “	6	4	10
“ 3 “ 6 “	11	19	30
“ 6 “ 12 “	17	17	34
“ 12 “ 18 “	25	18	43
“ 18 “ 24 “	21	28	49
“ 2 “ 3 years.....	33	30	63
“ 3 “ 5 “	68	58	126
“ 5 “ 10 “	130	142	272
“ 10 “ 15 “	73	55	128
“ 15 “ 20 “	37	38	75
“ 20 “ 25 “	30	35	65
“ 25 “ 30 “	9	21	30
30 years and upwards.....	13	4	17
● Totals.....	481	476	957

AVERAGE DURATION OF RESIDENCE.

Males 481 : 8 years, 11 months, 24 days.

Females..... 476 : 9 “ 21 “

Both sexes... 957 : 9 “ 7 “



TABLE III

AGE.

Insane patients remaining on 30th June 1880.

STATEMENT OF AGES.	M.	F.	Total.
Under 15 years.....	5	4	9
From 15 to 20 "	13	13	26
" 20 " 25 "	28	18	46
" 25 " 30 "	52	48	100
" 30 " 35 "	60	52	112
" 35 " 40 "	64	61	125
" 40 " 45 "	46	61	107
" 45 " 50 "	56	53	109
" 50 " 60 "	91	88	179
" 60 " 70 "	44	53	97
" 70 " 80 "	16	22	38
80 years and over.....	6	3	9
Totals.....	481	476	957

TABLE IV
DISEASES OF PATIENTS REMAINING ON THE
30TH JUNE 1880.

FORM OF THE DISEASE.	SEX	TOTAL	COMPLICATIONS.									TOTAL.			
			Congenital.	Paralytic.	Epileptic.	Puerperal.	Hysteria.	Uterine disorders.	Ouanism.	Intemperance.	Hereditary.	Homicidal.	Suicidal.	M.	F.
Mania.....	M.	131	..	2	2	..	..	..	2	16	7	9	5	131	116
	F.	116	..	1	..	15	5	9	3	4	12	2	6		
Chronic mania..	M.	135	..	1	..	..	..	..	5	10	12	8	5	135	135
	F.	135	..	3	3	..	3	..	2	..	11	3	2		
Monomania....	M.	10	..	..	..	..	..	..	..	1	1	..	..	10	5
	F.	5	..	..	..	..	..	..	..	..	2	..	..
Melancholia...	M.	50	..	..	..	..	..	..	4	5	2	..	14	50	62
	F.	62	..	2	..	3	2	1	..	1	6	2	11		
Chronic melanch.	M.	10	..	..	..	..	..	..	4	..	1	1	1	10	3
	F.	3	..	..	..	3	2	..	2	1	1	..	3		
Dementia.....	M.	25	..	..	..	..	..	..	4	1	1	1	..	25	34
	F.	34	..	2	..	..	..	..	..	..	6	..	1		
Senile dementia.	M.	8	..	2	2	..	..	..	..	1	..	..	1	8	6
	F.	6	..	..	..	..	..	..	..	1	1	..	1		
Paralytic mania.	M.	11	..	11	..	..	..	..	4	..	..	..	1	11	5
	F.	5	..	5	..	1	..	..	..	1	..	..	..
Imbecility.....	M.	52	43	..	2	..	..	..	7	1	3	1	..	52	61
	F.	61	35	..	1	..	3	..	1	..	11	..	..
Idiocy.....	M.	14	12	..	1	..	..	..	..	..	5	..	..	14	11
	F.	11	7	1	1	..	..	..	..	..	3	..	..
Epileptic mania.	M.	35	..	1	35	..	..	..	2	1	..	..	..	35	38
	F.	38	..	1	38	..	2	1	1	1	2	..	4		
Totals.....		957	97	32	85	22	17	13	35	51	87	27	55	481	476



TABLE V
PROBABLE CHANCES OF CURE.

Of insane patients remaining on 30th June 1880.			
	M.	F.	Total.
Chances of cure—favorable.....	40	32	72
“ “ very doubtful.....	39	37	76
“ “ unfavorable..	402	407	809
Totals.....	481	476	957

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