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QUEBEC LUNATIC ASYLUM  
Province of Quebec.

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REPORT

OF THE

QUEBEC LUNATIC ASYLUM

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

FOR 1877-78.



QUEBEC  
"Le Canadien" Steam Printing Office.

1878

QUEBEC LUNATIC ASYLUM

REPORT

QUEBEC LUNATIC ASYLUM

FOR THE YEAR ENDING 1877-78

FOR 1877-78



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MEDICAL  
ASSISTANT  
WARDEN  
MATHEW  
FIRST  
SECOND  
FARM  
ENGINEER  
CHIEF  
MEN  
DOOR  
  
INSPECTOR  
PRISON  
  
COMMISSIONER  
  
VISITING  
CHAPLAIN



# Quebec Lunatic Asylum.

1878.

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# QUEBEC LUNATIC ASYLUM.

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(TRANSLATION.)

*To the Honorable*

THE PROVINCIAL SECRETARY.

SIR,

We hasten to submit the medical report of the Quebec lunatic asylum, for the fiscal year ending the 30th June, 1878, in order that it may be immediately laid before the Legislature.

In the hope that the printing of this report will be authorized at a sufficiently early date to allow of its being annexed to that of last year, which is not yet printed, we merely give, without any comment, the statistics of our medical report; the numerous remarks made for the year 1877, being also applicable to that which has just expired.

We yearly notice, with regret, that the delay in publishing certain official documents deprives them, by their absence, of a great part of their interest. It would be extremely desirable that the reports of the superintendents, as well as those of the inspectors of asylums and prisons, should be laid before the House in printed form, in the same manner as the various reports of the public departments, so that members would not be obliged to wait a whole year for the official information and details which they may require.

The association of medical superintendents for american and canadian asylums, understanding the immense benefits which might accrue to institutions devoted to the insane, from the interchange of the observations made by their directors, on the various wants of their institutions, on the improvements introduced or required, and on the internal management as well as the medical treatment adopted, have deemed it advisable to pass resolutions calling upon its members to exchange their annual reports and to adopt the same size for their books in order to facilitate the binding of these documents and their being kept in serial form.

Thanks to the interest taken in the unfortunate insane, the Legislature, since 1872, has generously responded to the philanthropic appeal of the specialists and has not lagged behind the other provinces of the Dominion or the United States by supplying us with a sufficient number of reports (as requested) for exchange with foreign institutions of Great Britain, France, the United States and Belgium.

We are thus enabled to judge exactly of the treatment followed in foreign lunatic asylums, and to take advantage of the advice and observations of eminently qualified gentlemen; this has largely contributed to keep us in a position to fulfill our obligations, and incite us to emulate our sister institutions.

On the first of July 1877, we had under treatment 918 patients, 455 males and 463 females.

The number of admissions during the year was 162; 92 men and 70 women.

The whole number of patients treated during the year is 1080; 547 men and 533 women.

Although the number of the insane, admitted at the expense of the Government, seems to have increased, for the

past few years, to an alarming extent in the Province, we may say that, in our institution, this augmentation is nearly proportionate to the general increase in the population ; being only 18 patients more for the year.

There have been 81 patients discharged, 34 men and 47 women, being fifty per cent of the admissions during the year.

The deaths amounted to 63, 38 men and 25 women, representing a percentage of 5.83 on the whole number of inmates under treatment during the year.

This exceptionally favorable result, as compared with that obtained in other institutions of a like nature, shows clearly that our establishment combines all the best conditions which hygiene requires. We have not a single case of epidemic disease, and we are happy to be able to state that there has been not a single case of serious accident.

Our efforts, as in the past, have been directed towards providing for our patients, besides necessary comforts, all the means of amusement and diversion which are so useful in the treatment of mental diseases.

In conclusion, we are proud and happy to say that the officers of the establishment always perform their responsible duties in a satisfactory manner, and deserve the greatest confidence.

The inferior officers accomplish their painful task with much zeal.

Hoping to be favored by your kind approval we submit the present report, and have the honor to subscribe ourselves,

Your obedient servants,

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

F. E. ROY, M. D.

Quebec Lunatic Asylum, July 1878.

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## MEDICAL REPORT.

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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 extremely limited time remaining at our disposal to enable us to take advantage of the present session, prevents our presenting this report in its ordinary shape and complete form; but we desire, at least, not to deprive those who take an interest in this speciality, of useful information which they may obtain from statistics prepared with care and exactness.

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.



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.

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TABLE II.

Synoptical table †

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TABLE III.

Duration of residence.

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TABLE IV.

Diseases treated during the year.

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TABLE V.

Occupation.

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TABLE I.

MOVEMENT OF THE POPULATION.

	Males.	Females.	Total.
Remaining in asylum on 1st July 1877.....	455	463	
Admitted during the year (1877-78).....	92	70	
Discharged.....	34	47	1080
Dead.....	38	25	
	72	72	144
Remaining on 30th June 1878	475	461	936

PERCENTAGES.

Population under treatment: 1080. Discharged..81= 7.50 p. c.  
 Population admitted..... 162 " ..81= 50.00 p. c.  
 Population remaining on  
 30th June, 1878..... 936 " ..81= 8.65 p. c.

TABLE II.  
SYNOPTICAL TABLE.

MOVEMENT OF THE POPULATION FROM 1845													
TO 30TH JUNE 1878.													
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
30th June 78	92	70	162	38	25	63	34	47	81	475	461	936	18
Totals..	2116	1889	4005	799	728	1527	842	700	1542				



Since its foundation, that is to say, during the 33 years of its existence, our establishment has received within its walls 4005 insane persons ; of this number 1542 have been discharged, and 1527 have died. At the present time we have 936 patients under our care

We now give some statistics, which include all the patients who have been in our establishment since the commencement.

*Percentage of discharges and deaths \* (sorties.)*

Admitted... 4,005      Discharged and died (sorties)... 3,069  
Percentage 76.62

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*Percentage of discharges alone.*

Admitted... 4,005      Discharged.... 1,542      Percentage... 38.50

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*Percentage of deaths.*

Admitted .... 4,005      Died..... 1,527      Percentage... 38.10

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*Percentage on the known results.*

Admitted..... 4005  
Remaining ..... 936

Ascertained results.. 3069 { Discharged, 1,542      p. c. 50.21  
  { Died..... 1,527              “ 49.75

\* The French word *sorties* here includes both *discharged and died*.

TABLE III.  
DURATION OF RESIDENCE.

Insane treated since 1st July 1877 (12 months.)			
DURATION.	M	F	Total.
One month and under .....	11	11	22
From 1 to 2 months.....	18	8	26
“ 2 “ 3 “ .....	10	14	24
“ 3 “ 6 “ .....	19	13	32
“ 6 “ 12 “ .....	41	34	75
“ 12 “ 18 “ .....	32	25	57
“ 18 “ 24 “ .....	20	26	46
“ 2 to 3 years.....	60	4	103
“ 3 “ 5 “ .....	68	97	165
“ 5 “ 10 “ .....	126	107	233
“ 10 “ 15 “ .....	67	70	137
“ 15 “ 20 “ .....	30	21	51
“ 20 “ 25 “ .....	27	38	65
“ 25 “ 30 “ .....	10	17	27
30 years and over.....	8	4	12
Totals.....	547	533	1080

AVERAGE DURATION OF RESIDENCE.

Males..... 7 years, 2 months, 13 days.  
 Females..... 7 “ 6 “ 14 “  
 Both sexes..... 7 “ 4 “ 13 “





TABLE IV.  
DISEASES TREATED DURING THE YEAR.

FORM OF THE DISEASE.	SEX	TOTAL.	COMPLICATIONS.										TOTAL.		
			Congenital.	Paralysis.	Epilepsy.	Puerperal.	Hysterical.	Uterine disorders.	Onanism.	Inebriety.	Hereditary.	Homicidal.	Suicidal.	M.	F.
Mania .....	M	153	1	1				4	19	12	9	11	153	124	
	F	124	1		17	4	10	3	13	10	1	5			
Chronic mania.....	M	150	1					4	12	7	6	4	150	145	
	F	145	5	4	1	3	3		1	8	3	6			
Monomania .....	M	15								3	1		15	8	
	F	8									2			1	
Lypemania.....	M	57						7	4	4	4	16	57	68	
	F	68	2		10	2	4		1	5	3	11			
Chronic lypemania.	M	14						2		1	1	1	14	8	
	F	8			4	2		2	1	2		4			
Dementia .....	M	28	1					4		1	1	1	28	40	
	F	40		2	1					5		1			
Senile dementia ...	M	8	1	1						1	1	1	8	15	
	F	15								1		1			
Paralytic mania....	M	19	19	1				11		1	3	19	7		
	F	7	3	1				1							
Imbecility.....	M	51	39	2				6	1	2	2	51	68		
	F	68	46	1	4		3	3		11					
Idiocy .....	M	15	12	2						4	1	15	11		
	F	11	6	1	1										
Epileptic mania ...	M	37		37				2	2	1	1	3	37	39	
	F	39	1	39		3	2	1		3		4			
Totals .....		1080	103	39	93	33	17	19	38	70	80	34	74	547	533

TABLE V.  
OCCUPATION.

AVERAGE WORK OF THE PATIENTS DURING THE YEAR 1877-78.

OCCUPATION.	M	F	Total.
Household work .....	55	60	115
Gardening and farming .....	45	12	57
Sewing and knitting.....		54	54
Workshops .....	15		15
Wash house and laundry .....	5	12	17
Kitchen.....	6	5	11
Totals.....	126	143	269

Such has been the movement of our population for the year 1877-78. 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.

Admissions.	TABLE I.
Causes of re-admission.	TABLE II.
Former residence.	TABLE III.
Civil condition.	TABLE IV.
Language.	TABLE V.
Religion.	TABLE VI.
Origin.	TABLE VII.
Occupations.	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.

TABLE I.  
ADMISSIONS.

	M	F	Total
Admitted for the first time .....	79	58	137
Re-admissions, after escape .....	5	.....	5
Re-admissions of those discharged from 1845, to 30th June 1878, after more than one year's absence. {			
1st Re-admissions...	4	1	5
2nd " .....	2	.....	2
3rd " .....	1	1	2
Re-admissions of those discharged after less than one year's absence. {			
1st Re-admissions.....	.....	6	6
2nd " .....	1	1	2
3rd " .....	.....	1	1
4th " .....	.....	1	1
5th " .....	.....	1	1
Totals.....	92	70	162

Re-admissions after more than one year's



TABLE II.  
CAUSES OF RE-ADMISSION.

	Total.		Re-admissions after more than one year's absence.						Re-admissions after less than one year's absence.						Grand total.		
	1st Read.		2nd Read.		3rd Read.		1st Read.		2nd Read.		3rd Read.		4th Read.			5th Read.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
Female diseases .....	1																1
Epilepsy.....	1																1
Intemperance & debauchery.....	1	5															6
Congenital defect .....	1	1				1											2
Onanism.....	1																1
Grief.....	1																1
Ill treatment.....	1																1
Deception.....	2	1															3
Jealousy.....		2															2
Unknown causes.....	2	1															3
	9	12	4	1	2						2	1				6	21

total.  
37  
5  
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TABLE III.

FORMER RESIDENCE OF PATIENTS.

	Admitted during the year.			Admitted since 1845.		
	M.	F.	Tot	M.	F.	Tot.
Coming from Cities....	36	31	67	464	540	1004
“ “ Gaols.....	19	7	26	843	602	1445
“ “ Districts...	34	32	66	696	622	1318
“ “ Hospitals..	.....	.....	.....	72	96	168
“ “ Abroad....	.....	.....	.....	28	22	50
“ St. John's Asylum.	.....	.....	.....	10	7	17
“ Kingston's Penitentiary.....	3	.....	3	3	.....	3
Totals.....	92	70	162	2116	1889	4005

Percentage on the number of insane coming from gaol:—

On the total number of admissions ..... 36 . 08 p. c.

On the admissions during the year..... 16 . 05 p. c.



TABLE IV.

CIVIL CONDITION.

	Admitted during the year.			Treated during the year.		
	M.	F.	Tot.	M.	F.	Tot.
Single.....	53	30	83	367	312	679
Married.....	35	34	69	151	186	337
Widowed.....	4	6	10	22	34	56
Unknown.....				7	1	8
<b>Totals.....</b>	<b>92</b>	<b>70</b>	<b>162</b>	<b>547</b>	<b>533</b>	<b>1080</b>

TABLE V.

LANGUAGE.

LANGUAGE.	Admitted since 1845.	Admitted during the year.
French.....	2375	114
English.....	1602	48
Others.....	28	.....
	<b>4005</b>	<b>162</b>

TABLE VI.  
RELIGION.

RELIGION.	Admitted since 1845.	Admitted during the year.
Catholic.....	3309	139
Protestant.....	632	23
Unknown.....	64	.....
	4005	162

TABLE VII.  
ORIGIN.

	ORIGIN.		
	Admitted during the year.		
	M.	F.	Total.
Canada.....	65	47	112
Scotland.....	3	3	6
United States.....	1	.....	1
France.....	2	.....	2
England.....	4	3	7
Poland.....	.....	1	1
Ireland.....	16	16	32
Unknown .....	1	.....	1
	92	70	162

TABLE VIII.  
OCCUPATIONS.

ADMITTED DURING THE YEAR.

	M.	F.	Tot.
Liberal professions.....	3	.....	3
Soldiers and seamen.....	6	.....	6
Industrial or commercial professions.....	10	1	11
Student.....	1	.....	1
Agricultural occupations.....	20	.....	20
Manual or mechanical professions.....	10	2	12
House-keepers.....	.....	38	38
Beggar.....	1	.....	1
Servants.....	21	7	28
Prostitute.....	.....	1	1
Without occupation.....	19	21	40
Occupations unknown.....	1	.....	1
Totals.....	92	70	162

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 years .....	1	2	3	10	13	23	44	45	89
From 15 to 20 years.....	2	2	4	22	32	54	121	129	250
“ 20 to 25 “ .....	21	6	27	89	76	165	316	243	559
“ 25 to 30 “ .....	20	12	32	93	85	178	311	305	616
“ 30 to 35 “ .....	8	7	15	83	72	155	271	256	527
“ 35 to 40 “ .....	9	5	14	60	53	113	236	206	442
“ 40 to 45 “ .....	2	14	16	46	75	121	209	189	398
“ 45 to 50 “ .....	5	4	9	39	37	76	170	119	289
“ 50 to 60 “ .....	13	6	19	74	44	118	237	203	440
“ 60 to 70 “ .....	4	6	10	21	29	50	142	127	269
“ 70 to 80 “ .....	6	5	11	9	14	23	49	53	102
80 years and over.....	1	1	2	1	3	4	10	14	24
Totals .....	92	70	162	547	533	1080	2116	1889	4005



TABLE X.  
MANIFESTATION OF THE DISEASE  
PREVIOUS TO ADMISSION.

ADMITTED DURING THE YEAR.	M.	F.	Total.
One month and under .....	9	7	16
From 1 month to 6 months.....	17	11	28
“ 6 “ to 1 year.....	7	7	14
“ 1 year to 2 years.....	8	8	16
“ 2 “ to 3 “ .....	6	.....	6
“ 3 “ to 4 “ .....	5	4	9
“ 4 “ to 5 “ .....	3	3	6
“ 5 “ to 10 “ .....	8	6	14
“ 10 “ to 15 “ .....	.....	2	2
“ 15 “ to 20 “ .....	.....	1	1
“ 20 “ to 25 “ .....	1	2	3
From birth.....	9	3	12
Undetermined time, not remote.....	7	13	20
“ “ of long standing.	12	3	15
Unknown.....	.....	.....	.....
Totals.....	92	70	162

Average duration of the disease previous to admission :—

Males, 92 Duration : 3 years, 1 month, 5 days.

Females, 70 “ 4 “ 9 “ 19 “

Both sexes, 162 “ 3 “ 11 “ 12 “

TABLE XI.  
DISEASES OF PATIENTS ADMITTED DURING THE YEAR.

FORM OF DISEASE.	SEX.	TOTAL.	COMPLICATIONS.										TOTAL.		
			Congenital, Paralytic,	Epileptic,	Puerperal,	Hysterical,	Uterine disorders	Onanism,	Inebriety,	Hereditary,	Homicidal,	Suicidal.	M.	F.	
Acute mania.....	M.	29							2	5	4	3	4	29	27
	F.	27			4	1	2			7	3	1	1		
Chronic mania ....	M.	13	1							4	1	3	2	13	6
	F.	6				1					1	1	1		
Monomania.....	M.	1								1			1	1	2
	F.	2													
Lypemania.....	M.	15						3		2	1	3	15	13	
	F.	13	1		5	2	2			2	2	4			
Dementia.....	M.														3
	F.	3	1								1				
Senile dementia ..	M.	6							1		1	1	6	7	
	F.	7									1	1			
Paralytic mania...	M.	8	8	1					7		1	2	8	3	
	F.	3	3												
Imbecility .....	M.	7	2	1										7	3
	F.	3	3			1					2				
Idiocy .....	M.	5	4	1							1			5	
	F.														
Epileptic mania...	M.	8		8								1	2	8	6
	F.	6		6		1							2		
Totals .....		162	9	14	17	9	6	4	5	25	18	14	24	92	70

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Both s



TABLE XII.

PROBABLE CHANCES OF CURE.

OF THE PATIENTS ADMITTED DURING THE YEAR.			
	M.	F.	Tot.
Chances of cure—favorable.....	31	31	62
“ “ doubtful .....	21	16	37
“ “ unfavorable .....	40	23	63
Totals .....	92	70	162

Percentage of favorable cases on the admissions for the year :

Males,	92,	Favorable admissions,	31 p. c.	33.69
Females,	70,	“ “	31 p. c.	44.28
Both sexes, 162,		“ “	62 p. c.	38.27

TABLE XIII.  
SUPPOSED CAUSES OF INSANITY.

ADMITTED DURING THE YEAR.		DETERMINING CAUSES.	
M	F	M	F
PREDISPOSING CAUSES.		DETERMINING CAUSES.	
Hereditary.		Physical causes.	
direct.		Moral causes.	
mixed.		Mixed cau.	
Paternal (father, grand-father, grand-mother, uncle, aunt).		Late hours, excessive intellectual labor.	
Maternal " " )		Disappointed love.	
Paternal and maternal.		Grief.	
Collateral, brothers and sisters.		Domestic troubles.	
Collateral and paternal		Loss of fortune, business troubles.	
and maternal.		Fear, anxiety, sudden emotion.	
paternal and maternal.		Jealousy.	
Epilepsy and other nervous affections.		Ambition, disappointments.	
Anterior attacks.		Religion.	
		Unknown causes.	
Totals		Totals	
7	5	92	70
3	4	12	162
6	9	14	
2	3	11	
1	1	8	
4	5	3	
4	6	10	
		Congenital defect.	
		Falls, blows, wounds & abscess in the head.	
		Convulsions, epilepsy.	
		Old age.	
		Fever, &c.	
		Alcoholic excesses.	
		Sunstroke	
		Hereditary	
		Other physical causes	
		Disorders of the genital functions.	
		Female diseases.	
		Excessive coition, onanism, dissipation.	
		Exposure and hardship.	
		Late hours, excessive intellectual labor.	
		Disappointed love.	
		Grief.	
		Domestic troubles.	
		Loss of fortune, business troubles.	
		Fear, anxiety, sudden emotion.	
		Jealousy.	
		Ambition, disappointments.	
		Religion.	
		Unknown causes.	
		Totals	
28	32	60	



**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.

Totals ..... 28,321 60 11



TABLE I.  
DISCHARGES.

PATIENTS DISCHARGED DURING THE YEAR.															
	MENTAL CONDITION						Grand total.	Patients discharged since 1845.							
	Cured.		Im-proved.		Sta-tionary.										
	M	F	Total	M	F	Total	M	F	Total	M	F	Total			
Recommended for discharge.....	16	18	34	..	..	..	..	..	..	16	18	34			
Claimed by relatives...	6	4	10	3	2	5	1	1	2	9	7	16			
Transferred.....	..	..	..	1	..	1	1	21	22	2	21	23	842	700	1542
Escaped.....	1	..	1	3	1	4	3	..	3	7	1	8			
Totals.....	23	22	45	7	3	10	4	22	26	34	47	81			

Percentage of discharges of those cured among favorable cases on the 30th June, 1877 (76 m. 52 f.)

Favorable cases,	Discharged cured,	Average.
128	45	35.15 p. c.

Percentage of discharges of those cured and improved among favorable cases on the 30th June, 1877.

Favorable cases,	Discharged cured and improved,	Average.
128	55	42.96 p. c.

Population under treatment,	Favorable cases.	Average.
on the 30th June, 1877.	128	13.94 p. c.
918		



DEDUCTING THE TRANSFERS.

Admissions,	Discharges,	Average,
162	58	35.80 p. c.

*Discharged cured and improved, transfers included.*

Admissions in the year,	Discharged	Average,
162	81	50 00 p. c.

Admissions in the year,	Discharged cured and improved,	Average,
162	55	33.95 p. c.

Admissions in the year,	Discharged cured,	Average.
162	45	27.77 p. c.

TABLE II  
FORM OF THE DISEASE OF DISCHARGED  
PATIENTS.

PATIENTS DISCHARGED DURING THE YEAR.												
FORM OF THE DISEASE.	MENTAL CONDITION.									GRAND TOTAL.		
	Cured.			Im- proved.			Sta- tionary.					
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Mania.....	16	17	33	1	1	2	1	1	2	18	17	35
Chronic mania .....							2	2	4	2	2	4
Lypemania.....	6	3	9	2	3	5				8	6	14
Chronic lypemania.....				1	1	2				1	1	2
Monomania.....	1	2	3							1	2	3
Epileptic insanity.....				2		2				2		2
Dementia.....							2	2	4	2	2	4
Imbecility.....				1	1	2	1	11	12	2	11	13
Idiocy.....							7	7	14	7	7	14
Totals.. .....	23	22	45	7	3	10	4	22	26	34	47	81



TABLE III.

DURATION OF THE DISEASE BEFORE ADMISSION.

PATIENTS DISCHARGED DURING THE YEAR.

DURATION.	MENTAL CONDITION.						GRAND					
	Cured.			Im- proved.			Sta- tionary.			TOTAL.		
	M	F.	Total.	M	F.	Total.	M	F.	Total.			
1 month and under.....	4	3	7						4	3	7	
From 1 to 2 months.....	5	3	8						5	3	8	
“ 2 to 3 “ .....	1	2	3	2	2				3	2	5	
“ 3 to 6 “ .....	5		5				1	1	5	1	6	
“ 6 to 12 “ .....	3	1	4	2	2				5	1	6	
“ 12 to 18 “ .....	1		1						1		1	
“ 18 to 24 “ .....				1	1					1	1	
“ 2 to 3 years.....												
“ 3 to 4 “ .....				1	1	2	2		1	2	3	
“ 4 to 5 “ .....		2	2	1	1					3	3	
5 years and over.....	1	1	1	1	1	1	1		1	2	3	
Undetermined, but recent.....	4	9	13	1	1				4	10	14	
Undetermined, of long standing.....						1	1	2	1	1	2	
Since childhood and congenital.....			1	1	1	16	17		2	16	18	
Unknown.....	1	1				2	1	3	2	2	4	
Totals.....	23	22	45	7	3	10	4	22	26	34	47	81





TABLE V.  
DURATION OF TREATMENT.

PATIENTS DISCHARGED DURING THE YEAR.												Patients discharged since 1845.			
DURATION.	MENTAL CONDITION.									GRAND TOTAL.					
	Cured.			Im-proved.			Sta-tionary.			M.	F.	Total.			
	M	F	Total.	M	F	Total.	M	F	Total.						
	1 month and under...	1	1	1	1	1	1	1	1	2	48	40	88		
From 1 to 2 months	3	2	5						5	67	39	106			
“ 2 to 3 “	1	5	6						6	86	67	153			
“ 3 to 6 “	5	4	9	1	1	1	1	1	6	174	129	303			
“ 6 to 9 “	5	2	7	2	2	2	3	3	5	85	85	170			
“ 9 to 12 “	1	1	1						1	70	53	123			
“ 12 to 18 “	3	4	7	2	2	2	4	4	5	98	68	166			
“ 18 to 24 “	2	2	2				1	2	3	50	45	95			
“ 2 to 3 years.	2	1	3	1	1	2	1	2	3	49	44	93			
“ 3 to 4 “							1	1	1	26	19	45			
“ 4 to 5 “	2	2	1	1	1	3	3	1	5	15	23	38			
5 years and over.....	1	1	2	1	1	2	6	8	4	74	88	162			
Totals.....	23	22	45	7	3	10	4	22	26	34	47	81	842	700	1542

Average period of treatment of patients discharged during the year:

Males..... 1 year, 4 months, 15 days.

Females..... 1 “ 10 “ 7 “

Both sexes..... 1 “ 7 “ 11 “

The long duration of residence of patients transferred, greatly increases the average duration of treatment.

**TABLE VI.**  
**TOTAL DURATION OF THE DISEASE FROM ITS**  
**MANIFESTATION.**

DURATION.	MENTAL CONDITION.								
	Cured.			Improved.			Stationary.		GRAND
	M	F.	Total.	M	F.	Total.	M	F.	TOTAL.
From 1 to 2 months.....									
“ 2 to 3 “ .....	1	1						1	1
“ 3 to 6 “ .....	6	4	10					6	4
“ 6 to 9 “ .....	3	1	4					3	1
“ 9 to 12 “ .....	1	1	1	1	1			1	1
“ 12 to 18 “ .....	5	1	6					5	1
“ 18 to 24 “ .....	2		2	1	1			3	3
“ 2 to 3 years .....	3	1	4	1	1			4	1
“ 3 to 4 “ .....									
“ 4 to 5 “ .....				2	2		1	1	3
5 years and over.....	3	3	3	3	3		3	3	6
Undetermined but recent....	1	5	6	1	1			1	6
Undeterm., of long standing..	1	1	2					1	1
Since childhood .....				1	1	13	13	1	13
Unknown.....	2	4	6			4	5	6	9
<b>Totals.....</b>	<b>23</b>	<b>22</b>	<b>45</b>	<b>7</b>	<b>3</b>	<b>10</b>	<b>4</b>	<b>22</b>	<b>26</b>
								<b>34</b>	<b>47</b>
									<b>81</b>



TABLE VII.  
AGE WHEN DISCHARGED.

AGES.	Discharged during the year.			Discharged since 1845.		
	M	F.	Total.	M	F	Total.
Under 15 years.....	.....	2	2	9	13	22
From 15 to 20 years.....	2	7	9	58	54	112
“ 20 to 25 “ .....	8	5	13	146	101	247
“ 25 to 30 “ .....	11	4	15	137	120	257
“ 30 to 35 “ .....	4	6	10	128	109	235
“ 35 to 40 “ .....	4	5	9	88	65	153
“ 40 to 45 “ .....	2	11	13	90	73	163
“ 45 to 50 “ .....	.....	4	4	73	53	126
“ 50 to 60 “ .....	2	2	4	69	73	142
“ 60 to 70 “ .....	1	1	2	35	33	68
“ 70 to 80 “ .....	.....	.....	.....	11	6	17
Totals.....	34	47	81	842	700	1542

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 to prove 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.....	38	25	63
Totals.....	38	25	63

PERCENTAGE OF THE DEATHS :

	Treated.	Died.	Percentage.
Males.....	547	38	6.94 p. c.
Females.....	533	25	4.69 p. c.
Both sexes.....	1080	63	5.83 p. c.

Duration of treatment of patients deceased during the year :—

Males.....	5 years, 8 months, 27 days.
Females.....	5 " 5 " 13 "
Both sexes.....	5 " 7 " 5 "



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	1	5
Chronic " .....	7	6	13
Acute lypemania.....	1	2	3
Chronic " .....	1	3	4
Monomania.....	1		1
Ordinary dementia.....	2	2	4
Senile " .....	7	5	12
Paralytic insanity.....	5	2	7
Epileptic " .....	5	2	7
Imbecility.....	1	2	3
Idiocy.....	4		4
Totals.....	38	25	63

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

Chronic mania and lypemania.....	17 say :	26.98 p. c.
Simple and senile dementia.....	16 "	25.39 "
Paralytic and epilectic insanity.....	14 "	22.22 "
Imbecility and idiocy .....	7 "	11.11 "
Acute disorders .....	9 "	14.28 "

TABLE III.  
DURATION OF TREATMENT.

DURATION.	INSANE PATIENTS DECEASED DURING THE YEAR.			SINCE 1845.		
	M	F	Total.	M.	F.	Total.
1 month and under .....	5	1	6	54	27	81
From 1 to 2 months.....	5	2	7	55	25	80
“ 2 to 3 “ .....	3	2	5	65	34	99
“ 3 to 6 “ .....	2	1	3	99	66	165
“ 6 to 9 “ .....	6	3	9	65	53	118
“ 9 to 12 “ .....	1	1	2	49	39	88
“ 12 to 18 “ .....	1	2	3	66	80	146
“ 18 to 24 “ .....	1	2	3	49	49	98
“ 2 to 3 years.....	8	...	8	82	78	160
“ 3 to 4 “ .....	1	1	2	59	49	108
“ 4 to 5 “ .....	...	2	2	34	51	85
“ 5 to 10 “ .....	3	4	7	61	102	163
“ 10 to 15 “ .....	1	3	4	34	50	84
“ 15 to 20 “ .....	...	...	...	11	15	26
20 years and upwards.....	1	1	2	16	10	26
Totals.....	38	25	63	799	728	1527

TABLE IV.

AGE AT DEATH.

INSANE PATIENTS DECEASED DURING THE YEAR.				SINCE 1845.		
Ages.	M	F	Total.	M	F	Total.
Under 15 years .....				16	10	26
From 15 to 20 years.....	2		2	17	18	35
“ 20 to 25 “ .....	4		4	54	47	101
“ 25 to 30 “ .....	2	2	4	69	69	138
“ 30 to 35 “ .....	3	2	5	84	79	163
“ 35 to 40 “ .....	2	2	4	89	76	165
“ 40 to 45 “ .....	2	3	5	93	79	172
“ 45 to 50 “ .....	1	2	3	72	51	123
“ 50 to 60 “ .....	8	3	11	118	127	245
“ 60 to 70 “ .....	6	6	12	117	107	224
“ 70 to 80 “ .....	7	3	10	54	48	102
80 years and upwards.....	1	2	3	16	17	33
Totals .....	38	25	63	799	728	1527

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

Males..... 49 years, 1 month, 5 days.

Females..... 49 “ 6 “ 12 “

Both sexes..... 49 “ 3 “ 24 “



TABLE V.

CAUSES OF DEATH.

INSANE PATIENTS DECEASED DURING THE YEAR.

Diseases :		M.	F.	Tot.
Diseases of the brain and nervous system.	{ Apoplexy .....	1	1	1
	{ Chronic meningitis.....	1	1	1
	{ Paralysis.....	9	2	11
	{ Epilepsy.....	2	2	4
	{ Nervous exhaustion.....	2	1	3
Disease of the heart.	{ Valvular insufficiency...	1	1	1
Diseases of the lungs.	{ Empyema .....	1	1	1
	{ Phthisis.....	7	4	11
	{ Congestion.....	1	1	2
Diseases of the digestive organs.	{ Chronic gastritis.....	1	1	1
	{ Chronic enteritis.....	1	1	1
Various diseases.	{ Exhaustion .....	4	2	6
	{ Marasma.....	5	2	7
	{ Anemia.....	1	2	3
	{ Senile debility.....	5	5	10
Totals.....		38	25	63

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, 1877.....				455	463	918
Admitted during the year.....				92	70	162
Totals.....				547	533	1080
Discharges.....	34	47	81			
Deaths.....	38	25	63			
	72	72	144	72	72	144
Totals.....				475	461	936

AVERAGE DURATION OF RESIDENCE.

Males..... 175 : 7 years, 7 months, 6 days  
 Females..... 161 : 7 " 10 " 10 "  
 Both sexes..... 168 : 7 " 8 " 25 "

TABLE II.  
DURATION OF RESIDENCE.

INSANE PATIENTS REMAINING ON 30th JUNE, 1878.			
DURATION.	M.	F.	TOTAL.
Under 1 month.....	5	9	14
From 1 to 2 months.....	10	4	14
“ 2 to 3 “ .....	6	7	13
“ 3 to 6 “ .....	12	7	19
“ 6 to 12 “ .....	28	23	51
“ 12 to 18 “ .....	25	15	40
“ 18 to 24 “ .....	16	22	38
“ 2 to 3 years.....	48	44	92
“ 3 to 5 “ .....	66	88	154
“ 5 to 10 “ .....	119	99	218
“ 10 to 15 “ .....	66	65	131
“ 15 to 20 “ .....	30	20	50
“ 20 to 25 “ .....	26	37	63
“ 25 to 30 “ .....	10	17	27
30 years and upwards.....	8	4	12
Totals.....	475	461	936

AVERAGE DURATION OF RESIDENCE.

Males..... 475 : 7 years, 7 months, 6 days.  
 Females..... 461 : 7 “ 10 “ 15 “  
 Both sexes..... 936 : 7 “ 8 “ 25 “



**TABLE III.**  
**AGE.**

INSANE PATIENTS REMAINING ON 30TH JUNE, 1878.

STATEMENT OF AGES.		M.	F.	Total.
Under 15 years.....		4	2	6
From 15 to 20 years.....		7	7	14
“ 20 to 25 “ .....		39	26	65
“ 25 to 30 “ .....		58	54	112
“ 30 to 35 “ .....		56	50	106
“ 35 to 40 “ .....		72	58	130
“ 40 to 45 “ .....		49	58	107
“ 45 to 50 “ .....		49	48	97
“ 50 to 60 “ .....		86	76	162
“ 60 to 70 “ .....		39	56	95
“ 70 to 80 “ .....		15	22	37
80 years and upwards.....		1	4	5
Totals.....		475	461	936

**TABLE IV.**  
DISEASES OF PATIENTS REMAINING ON THE 30TH JUNE 1878.

FORM OF THE DISEASE	SEX.	TOTAL.	COMPLICATIONS.										TOTAL.		
			Congenital.	Paralytic.	Epileptic.	Puerperal.	Hysterical.	Uterine disorders.	Onanism.	Inebriety.	Hereditary.	Homicidal.	Suicidal.	M	F
Mania .....	M	131	1	1	..	..	..	..	3	14	8	8	8	131	108
	F	108	1	..	17	3	7	3	6	10	1	4	..	..	..
Chronic mania.....	M	141	1	..	..	..	..	4	11	7	6	4	141	136	
	F	136	4	4	..	3	3	..	1	8	3	4	..	..	
Monomania.....	M	13	..	..	..	..	..	..	2	1	..	1	13	6	
	F	6	..	..	..	..	..	..	..	2	..	1	..	..	
Lypemania.....	M	48	..	..	..	..	..	7	4	2	3	12	48	60	
	F	60	2	..	6	1	2	..	1	5	2	8	..	..	
Chronic lypemania	M	12	..	..	..	..	..	2	..	1	1	..	12	5	
	F	5	..	..	4	2	..	2	1	2	..	4	..	..	
Dementia .....	M	25	..	..	..	..	..	4	..	1	1	..	25	36	
	F	36	2	1	..	..	..	..	..	5	..	1	..	..	
Senile dementia ..	M	2	1	1	..	..	..	..	..	..	..	..	2	10	
	F	10	..	..	..	..	..	..	..	1	..	1	..	..	
Paralytic mania...	M	13	13	..	..	..	..	6	..	1	3	13	5	..	
	F	5	5	..	1	..	..	1	..	..	..	..	..	..	
Imbecility .....	M	48	38	..	2	..	..	6	1	2	1	..	48	54	
	F	54	33	..	1	..	2	..	1	8	..	..	..	..	
Idiocy .....	M	11	9	..	..	..	..	..	4	1	..	11	4	..	
	F	4	1	1	..	..	..	..	..	..	..	..	..	..	
Epileptic mania ..	M	31	..	31	..	..	..	2	1	1	1	2	31	37	
	F	37	..	1	37	..	3	2	1	..	3	..	..	..	
Totals.....		936	81	32	78	28	14	14	35	49	71	29	57	475	461



TABLE V.  
PROBABLE CHANCES OF CURE

OF INSANE PATIENTS REMAINING ON 30TH JUNE 1878.

	M.	F.	Total.
Chances of cure—favorable.....	75	51	126
“ “ very doubtful.....	71	60	131
“ “ unfavorable .....	329	350	679
Totals.....	475	461	936

1878.

F

108

136

6

60

5

36

10

5

54

4

37

.....

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